

**DELTECH APRIL 2021 INFO SHEETS**

|                                                                                     |                                                                                                                                                                                                        | Page No |
|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|
|    | <b>Easy Fit FD Diamond Range Floodlights.</b><br> <b>Range of Colours</b>                                             | 2       |
|   | <b>Series 7000 Ultra Sleek Flicker Free All Aluminium LED Battens 1ft to 8FT</b>                                                                                                                       | 3-4     |
|  | <b>Mark 9 GU10 / MR16 Lamps. CREE CRI90. Low Glare. IP40. Fire Resistant. Flicker Free</b>  <b>Range of Colours</b> | 5       |
|  | <b>LED STRIPS 4.8W to 28W / Metre + Controllers. Dimmable and Non-Dimmable Drivers</b>                                                                                                                 | 6-9     |
|  | <b>Aluminium Channels / Profiles. Surface, Recess, Straight, Angled</b>                                                                                                                                | 10-16   |
|  | <b>LED PANELLIGHTS. Heavy Duty. TP(b) Fire Rated, Flicker Free</b>                                                                                                                                     | 17-20   |
|  | <b>GU10 Garden Spike / Wall Lights</b>                                                                                                                                                                 | 21      |
|  | <b>GU10 / GX5 200mm Lamp holders</b>                                                                                                                                                                   | 22      |

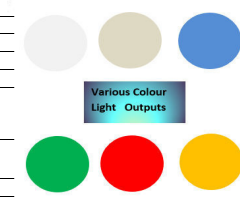
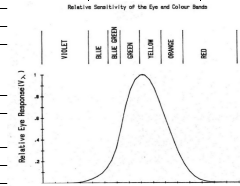
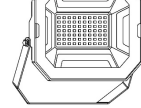
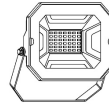
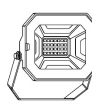
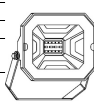
Unique Designed Angled Brackets  
Allowing Wall fixings without taking off brackets  
1M TRS Cable  
Discreet Integral direct wire in connection Box  
Die-cast Aluminium Finish  
Fully Recyclable

3 Year Warranty

Accessories :

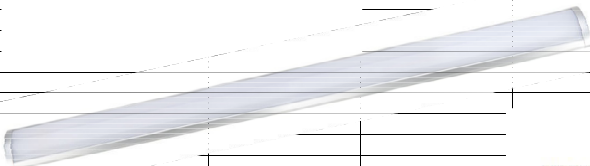


Spike: Inground Spike



| Part Number                                                         | FD10K55                   | FD10K30                   | FD10BL                    | FD10GR                    | FD10RD                    | FD10AMB                   | FD30K55                   | FD30K30                   | FD30BL                    |
|---------------------------------------------------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|
| Colour Temperature K / Wavelength                                   | 5500K                     | 3000K                     | 440-460nm                 | 510-530nm                 | 670nm                     | 610nm                     | 5500K                     | 3000K                     | 440-460nm                 |
| Barcode                                                             | 5060306473323             | 5060306473842             | 5060306473330             | 5060306473347             | 5060306473453             | 5060306473354             | 5060306473866             | 5060306473880             | 5060306473361             |
| Qty Per Carton                                                      | 20                        | 20                        | 20                        | 20                        | 20                        | 20                        | 20                        | 20                        | 20                        |
| Outer Carton Barcode                                                | 5060306473460             | 5060306473859             | 5060306473477             | 5060306473484             | 5060306473507             | 5060306473491             | 5060306473873             | 5060306473897             | 5060306473514             |
| ECA                                                                 | YES                       | YES                       | YES                       | YES                       | YES                       | YES                       | YES                       | YES                       | YES                       |
| Chip Type and Size                                                  | 2835SMD                   | 2835SMD                   | 2835SMD                   | 2835SMD                   | 2835SMD                   | 2835SMD                   | 2835SMD                   | 2835SMD                   | 2835SMD                   |
| No of LEDs per Fitting                                              | 14                        | 14                        | 14                        | 14                        | 14                        | 14                        | 42                        | 42                        | 42                        |
| Cable Lengths                                                       | 1m Extendable             | 1m Extendable             | 1m Extendable             | 1m Extendable             | 1m Extendable             | 1m Extendable             | 1m Extendable             | 1m Extendable             | 1m Extendable             |
| INPUT VOLTAGE (V)                                                   | 220-240V                  | 220-240V                  | 220-240V                  | 220-240V                  | 220-240V                  | 220-240V                  | 220-240V                  | 220-240V                  | 220-240V                  |
| Power (W) Wattage                                                   | 10w                       | 10w                       | 10w                       | 10w                       | 10w                       | 10w                       | 30w                       | 30w                       | 30w                       |
| Power Efficiency (PF)                                               | >0.8                      | >0.8                      | >0.8                      | >0.8                      | >0.8                      | >0.8                      | >0.9                      | >0.9                      | >0.9                      |
| Luminous Flux (LM) to Wattage                                       | 900lm                     | 900lm                     | 900lm                     | 900lm                     | 900lm                     | 900lm                     | 2700LM                    | 2700LM                    | 2700LM                    |
| Scientific Lm output, Adjusted To relative Eye Sensitivity Response | 900lm                     | 900lm                     | 342LM *                   | 647LM*                    | 290LM*                    | 452LM*                    | 2700LM                    | 2700LM                    | 1025LM*                   |
| CURRENT: Amp / milliamps                                            | 48MA                      | 48MA                      | 48MA                      | 48MA                      | 48MA                      | 48MA                      | 125MA                     | 125MA                     | 125MA                     |
| View / Beam Angle (°)                                               | 120°                      | 120°                      | 120°                      | 120°                      | 120°                      | 120°                      | 120°                      | 120°                      | 120°                      |
| Colour Rendering Index (CRI)                                        | >80                       | >80                       | >80                       | >80                       | >80                       | >80                       | >80                       | >80                       | >80                       |
| IP Rating                                                           | IP65                      | IP65                      | IP65                      | IP65                      | IP65                      | IP65                      | IP65                      | IP65                      | IP65                      |
| IK RATING                                                           | IK07                      | IK07                      | IK07                      | IK07                      | IK07                      | IK07                      | IK07                      | IK07                      | IK07                      |
| Life Time                                                           | 25000H                    | 25000H                    | 25000H                    | 25000H                    | 25000H                    | 25000H                    | 25000H                    | 25000H                    | 25000H                    |
| Warranty                                                            | 3 Yr                      | 3 Yr                      | 3 Yr                      | 3 Yr                      | 3 Yr                      | 3 Yr                      | 3 Yr                      | 3 Yr                      | 3 Yr                      |
| Materials                                                           | Die-casting Aluminum body | Die-casting Aluminum body | Die-casting Aluminum body | Die-casting Aluminum body | Die-casting Aluminum body | Die-casting Aluminum body | Die-casting Aluminum body | Die-casting Aluminum body | Die-casting Aluminum body |
| Body Colour                                                         | black                     | black                     | black                     | black                     | black                     | black                     | black                     | black                     | black                     |
| Working temperatures                                                | -25°C~50°C                | -25°C~50°C                | -25°C~50°C                | -25°C~50°C                | -25°C~50°C                | -25°C~50°C                | -25°C~50°C                | -25°C~50°C                | -25°C~50°C                |
| Energy Efficiency Index (A+)                                        | A+                        | A+                        | A+                        | A+                        | A+                        | A+                        | A+                        | A+                        | A+                        |
| Testings                                                            | EMC CE                    | EMC CE                    | EMC CE                    | EMC CE                    | EMC CE                    | EMC CE                    | EMC CE                    | EMC CE                    | EMC CE                    |
| EN NUMBERS                                                          | EN 55015:2013+AL          | EN 55015:2013+AL          | EN 55015:2013+AL          | EN 55015:2013+AL          | EN 55015:2013+AL          | EN 55015:2013+AL          | EN 55015:2013+AL          | EN 55015:2013+AL          | EN 55015:2013+AL          |
| Double Insulated                                                    | YES                       | YES                       | YES                       | YES                       | YES                       | YES                       | YES                       | YES                       | YES                       |
| Product DIMENSIONS: Outer / Inner                                   | 108*87*42mm               | 108*87*42mm               | 108*87*42mm               | 108*87*42mm               | 108*87*42mm               | 108*87*42mm               | 125*100*43mm              | 125*100*43mm              | 125*100*43mm              |
| Individual Product Box Dimension/weight                             | 13*5*13.5cm<br>395g       | 13*5*13.5cm<br>395g       | 13*5*13.5cm<br>395g       | 13*5*13.5cm<br>395g       | 13*5*13.5cm<br>395g       | 13*5*13.5cm<br>395g       | 14.5*5*15cm<br>505g       | 14.5*5*15cm<br>505g       | 14.5*5*15cm<br>505g       |
| Carton Size                                                         | 27.5*27*29cm              | 27.5*27*29cm              | 27.5*27*29cm              | 27.5*27*29cm              | 27.5*27*29cm              | 27.5*27*29cm              | 30.5*27*32cm              | 30.5*27*32cm              | 30.5*27*32cm              |
| Carton Weight                                                       | 9.1kgs                    | 9.1kgs                    | 9.1kgs                    | 9.1kgs                    | 9.1kgs                    | 9.1kgs                    | 11.4kgs                   | 11.4kgs                   | 11.4kgs                   |
| Part Number                                                         | FD30GR                    | FD30AMB                   | FD30RD                    | FD50K55                   | FD50K30                   | FD50BL                    | FD50GR                    | FD50RD                    | FD50AMB                   |
| Colour Temperature K / Wavelength                                   | 510-530nm                 | 610nm                     | 670nm                     | 5500K                     | 3000K                     | 440-460nm                 | 510-530nm                 | 670nm                     | 610nm                     |
| Barcode                                                             | 5060306473378             | 5060306473385             | 5060306473392             | 5060306473408             | 5060306473415             | 5060306473422             | 5060306473439             | 5060306473903             | 5060306473446             |
| Qty Per Carton                                                      | 20                        | 20                        | 20                        | 20                        | 20                        | 20                        | 20                        | 20                        | 20                        |
| Outer Carton Barcode                                                | 5060306473521             | 5060306473538             | 5060306473545             | 5060306473552             | 5060306473569             | 5060306473576             | 5060306473583             | 5060306473910             | 5060306473590             |
| ECA                                                                 | YES                       | YES                       | YES                       | YES                       | YES                       | YES                       | YES                       | YES                       | YES                       |
| Chip Type and Size                                                  | 2835SMD                   | 2835SMD                   | 2835SMD                   | 2835SMD                   | 2835SMD                   | 2835SMD                   | 2835SMD                   | 2835SMD                   | 2835SMD                   |
| No of LEDs per Fitting                                              | 42                        | 42                        | 42                        | 70                        | 70                        | 70                        | 70                        | 70                        | 70                        |
| Cable Lengths                                                       | 1m Extendable             | 1m Extendable             | 1m Extendable             | 1m Extendable             | 1m Extendable             | 1m Extendable             | 1m Extendable             | 1m Extendable             | 1m Extendable             |
| INPUT VOLTAGE (V)                                                   | 220-240V                  | 220-240V                  | 220-240V                  | 220-240V                  | 220-240V                  | 220-240V                  | 220-240V                  | 220-240V                  | 220-240V                  |
| Power (W) Wattage                                                   | 30w                       | 30w                       | 30w                       | 50w                       | 50w                       | 50w                       | 50w                       | 50w                       | 50w                       |
| Power Efficiency (PF)                                               | >0.9                      | >0.9                      | >0.9                      | >0.9                      | >0.9                      | >0.9                      | >0.9                      | >0.9                      | >0.9                      |
| Colour Temperature K / Wavelength                                   | 510-530nm                 | 610nm                     | 670nm                     | 5500k                     | 3000k                     | 440-460NM                 | 510-530nm                 | 670nm                     | 610nm                     |
| Luminous Flux (LM) to Wattage                                       | 2700LM*                   | 2700LM*                   | 2700LM*                   | 4500LM                    | 4500LM                    | 4500LM                    | 4500LM                    | 4500LM                    | 4500LM                    |
| Scientific Lm output, Adjusted To relative Eye Sensitivity Response | 1920LM*                   | 1360LM*                   | 870LM*                    | 4500LM                    | 4500LM                    | 1710LM*                   | 3195LM*                   | 1440LM*                   | 2263LM*                   |
| CURRENT: Amp / milliamps                                            | 125MA                     | 125MA                     | 125MA                     | 210MA                     | 210MA                     | 210MA                     | 210MA                     | 210MA                     | 210MA                     |
| View / Beam Angle (°)                                               | 120°                      | 120°                      | 120°                      | 120°                      | 120°                      | 120°                      | 120°                      | 120°                      | 120°                      |
| Colour Rendering Index (CRI)                                        | >80                       | >80                       | >80                       | >80                       | >80                       | >80                       | >80                       | >80                       | >80                       |
| IP Rating                                                           | IP65                      | IP65                      | IP6                       | IP65                      | IP65                      | IP65                      | IP65                      | IP65                      | IP65                      |
| IK RATING                                                           | IK07                      | IK07                      | IK07                      | IK07                      | IK07                      | IK07                      | IK07                      | IK07                      | IK07                      |
| Life Time                                                           | 25000H                    | 25000H                    | 25000H                    | 25000H                    | 25000H                    | 25000H                    | 25000H                    | 25000H                    | 25000H                    |
| Warranty                                                            | 3 Yr                      | 3 Yr                      | 3 Yr                      | 3 Yr                      | 3 Yr                      | 3 Yr                      | 3 Yr                      | 3 Yr                      | 3 Yr                      |
| Materials                                                           | Die-casting Aluminum body | Die-casting Aluminum body | Die-casting Aluminum body | Die-casting Aluminum body | Die-casting Aluminum body | Die-casting Aluminum body | Die-casting Aluminum body | Die-casting Aluminum body | Die-casting Aluminum body |
| Body Colour                                                         | black                     | black                     | black                     | black                     | black                     | black                     | black                     | black                     | black                     |
| Energy Efficiency Index (A+)                                        | A+                        | A+                        | A+                        | A+                        | A+                        | A+                        | A+                        | A+                        | A+                        |
| Testings                                                            | EMC CE                    | EMC CE                    | EMC CE                    | EMC CE                    | EMC CE                    | EMC CE                    | EMC CE                    | EMC CE                    | EMC CE                    |
| EN NUMBERS                                                          | EN 55015:2013+AL          | EN 55015:2013+AL          | EN 55015:2013+AL          | EN 55015:2013+AL          | EN 55015:2013+AL          | EN 55015:2013+AL          | EN 55015:2013+AL          | EN 55015:2013+AL          | EN 55015:2013+AL          |
| Double Insulated                                                    | YES                       | YES                       | YES                       | YES                       | YES                       | YES                       | YES                       | YES                       | YES                       |
| Product DIMENSIONS: Outer / Inner                                   | 125*100*43mm              | 125*100*43mm              | 125*100*43mm              | 160*128*44mm              | 160*128*44mm              | 160*128*44mm              | 160*128*44mm              | 160*128*44mm              | 160*128*44mm              |
| Individual Product Box Dimension/weight                             | 14.5*5*15cm<br>505g       | 14.5*5*15cm<br>505g       | 14.5*5*15cm<br>505g       | 18*5*18.5cm<br>770g       | 18*5*18.5cm<br>770g       | 18*5*18.5cm<br>770g       | 18*5*18.5cm<br>770g       | 18*5*18.5cm<br>770g       | 18*5*18.5cm<br>770g       |
| Carton Size                                                         | 30.5*27*32cm              | 30.5*27*32cm              | 30.5*27*32cm              | 37.5*27*39cm              | 37.5*27*39cm              | 37.5*27*39cm              | 37.5*27*39cm              | 37.5*27*39cm              | 37.5*27*39cm              |
| Carton Weight                                                       | 11.4kgs                   | 11.4kgs                   | 11.4kgs                   | 17.1kgs                   | 17.1kgs                   | 17.1kgs                   | 17.1kgs                   | 17.1kgs                   | 17.1kgs                   |

# SERIES 7000 METALICA



Fittings will always look NEW , with Aluminium Body and Polycarbonate Diffuser

**Sleek All Aluminium Body 1ft to 8ft**

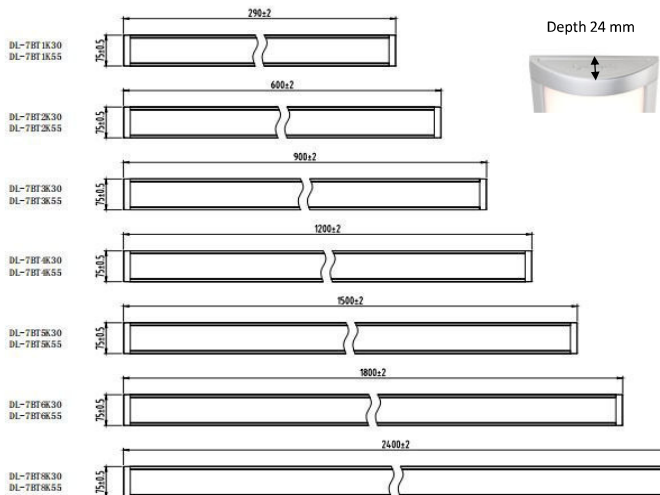
**TP(b) Fire Rated Polycarbonate Diffuser**

**Ingrated Linear Power Driver**

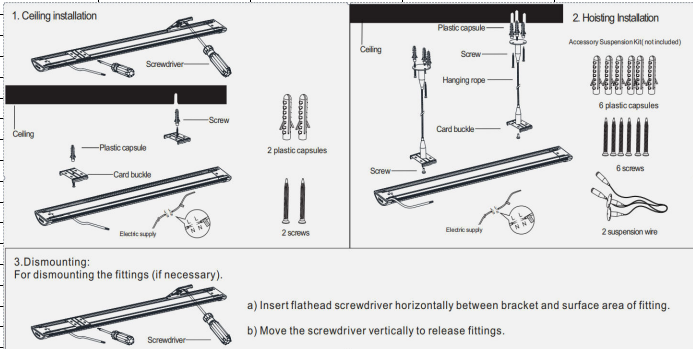
**Prewired with Full Cable length**

**Triple Protection 3 Year Warranty**

**Low Harmonic / Constant Power**

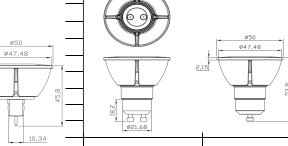
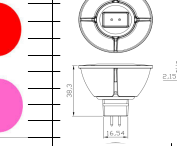
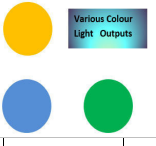
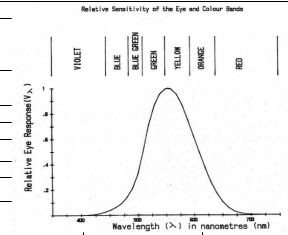


| Our Part Number                                   | DL-7BT1K 30                                                                                             | DL-7BT1K 55                             | DL-7BT2K 30                              | DL-7BT2K 55                              | DL-7BT3K 30                               | DL-7BT3K 55                               | DL-7BT4K 30                              |
|---------------------------------------------------|---------------------------------------------------------------------------------------------------------|-----------------------------------------|------------------------------------------|------------------------------------------|-------------------------------------------|-------------------------------------------|------------------------------------------|
| BARCODES INDIVIDUAL FITTINGS                      | 5060306473927                                                                                           | 5060306473941                           | 5060306473606                            | 5060306473620                            | 5060306473644                             | 5060306473668                             | 5060306473682                            |
| BARCODES OUTER BOX                                | 5060306473934                                                                                           | 5060306473958                           | 5060306473613                            | 5060306473637                            | 5060306473651                             | 5060306473675                             | 5060306473699                            |
| Chip Type and Size                                | 2835/10*30                                                                                              | 2835/10*30                              | 2835/10*30                               | 2835/10*30                               | 2835/10*30                                | 2835/10*30                                | 2835/10*30                               |
| No of LEDs per Fitting                            | 60                                                                                                      | 60                                      | 90                                       | 90                                       | 180                                       | 180                                       | 180                                      |
| Power Driver specification                        | overvoltage /low-voltage protection, over-temperature protection, high PF, Low harmonic, constant power |                                         |                                          |                                          |                                           |                                           |                                          |
| Cable Lengths (prewired)                          | 310MM                                                                                                   | 310MM                                   | 530MM                                    | 530MM                                    | 780MM                                     | 780MM                                     | 780MM                                    |
| Cable Type / Classif.                             | Silver 3 Core Live / Neutral / Earth 0.75mm ( Class I )                                                 |                                         |                                          |                                          |                                           |                                           |                                          |
| INPUT VOLTAGE (V)                                 | 220V-240V                                                                                               | 220V-240V                               | 220V-240V                                | 220V-240V                                | 220V-240V                                 | 220V-240V                                 | 220V-240V                                |
| Power (W) Wattage                                 | 10W                                                                                                     | 10W                                     | 20W                                      | 20W                                      | 30W                                       | 30W                                       | 40W                                      |
| Power Efficiency (PF)                             | >0.9                                                                                                    | >0.9                                    | >0.9                                     | >0.9                                     | >0.9                                      | >0.9                                      | >0.9                                     |
| Colour Temperature (CCT)                          | 3000K                                                                                                   | 5500K                                   | 3000K                                    | 5500K                                    | 3000K                                     | 5500K                                     | 3000K                                    |
| Luminous Flux (LM)                                | 900LM                                                                                                   | 900LM                                   | 1800LM                                   | 1800LM                                   | 2700LM                                    | 2700LM                                    | 3600LM                                   |
| Luminous Efficiency (LM/W)                        | 90LM/W                                                                                                  | 90LM/W                                  | 90LM/W                                   | 90LM/W                                   | 90LM/W                                    | 90LM/W                                    | 90LM/W                                   |
| CURRENT: Amp / milliamps                          |                                                                                                         |                                         |                                          |                                          |                                           |                                           |                                          |
| View / Beam Angle (°)                             | ≥110°                                                                                                   | ≥110°                                   | ≥110°                                    | ≥110°                                    | ≥110°                                     | ≥110°                                     | ≥110°                                    |
| Colour Rendering Index (CRI)                      | ≥80                                                                                                     | ≥80                                     | ≥80                                      | ≥80                                      | ≥80                                       | ≥80                                       | ≥80                                      |
| Power Factor                                      | 0.9                                                                                                     | 0.9                                     | 0.9                                      | 0.9                                      | 0.9                                       | 0.9                                       | 0.9                                      |
| IP Rating                                         | IP20                                                                                                    | IP20                                    | IP20                                     | IP20                                     | IP20                                      | IP20                                      | IP20                                     |
| Warranty                                          | 3 YEARS                                                                                                 | 3 YEARS                                 | 3 YEARS                                  | 3 YEARS                                  | 3 YEARS                                   | 3 YEARS                                   | 3 YEARS                                  |
| Flicker Free features                             | YES                                                                                                     | YES                                     | YES                                      | YES                                      | YES                                       | YES                                       | YES                                      |
| Materials                                         | AL+PC                                                                                                   | AL+PC                                   | AL+PC                                    | AL+PC                                    | AL+PC                                     | AL+PC                                     | AL+PC                                    |
| Working temperatures                              | -10~-45°C                                                                                               | -10~-45°C                               | -10~-45°C                                | -10~-45°C                                | -10~-45°C                                 | -10~-45°C                                 | -10~-45°C                                |
| Energy Efficiency Index (A+)                      | >A                                                                                                      | >A                                      | >A                                       | >A                                       | >A                                        | >A                                        | >A                                       |
| TESTINGS / EN NUMBERS                             | CTI/EN55015                                                                                             |                                         |                                          |                                          |                                           |                                           |                                          |
| Product DIMENSIONS FULL LENGTH                    | 29CM                                                                                                    | 29CM                                    | 60Cm                                     | 60Cm                                     | 90Cm                                      | 90CM                                      | 120CM                                    |
| Individual Product Box Dimension/weight           | 305*80*30MMG.W/0.3(0.2±10%) kg                                                                          | 305*80*30MMG.W/0.3(0.2±10%) kg          | 610*80*30MMG.W/0.4(0.2±10%) kg           | 610*80*30MMG.W/0.4(0.2±10%) kg           | 910*80*30MMG.W/0.55(0.3±10%) kg           | 910*80*30MMG.W/0.55(0.3±10%) kg           | 1210*80*30MMG.W/0.8(0.5±10%) kg          |
| Outer Carton: Box quantities, Dimensions / Weight | 40PCS/625*325*175 MM/G.W/15(0.6±10%) kg                                                                 | 40PCS/625*325*175 MM/G.W/15(0.6±10%) kg | 20PCS/625*325*175 MM/G.W/9.2(0.6±10%) kg | 20PCS/625*325*175 MM/G.W/9.2(0.6±10%) kg | 20PCS/925*325*175 MM/G.W/12.5(0.7±10%) kg | 20PCS/925*325*175 MM/G.W/12.5(0.7±10%) kg | 20PCS/1225*325*175 MM/G.W/17(0.8±10%) kg |
| Energy efficiency index                           | >A                                                                                                      | >A                                      | >A                                       | >A                                       | >A                                        | >A                                        | >A                                       |
| ECA                                               | Yes                                                                                                     | Yes                                     | Yes                                      | Yes                                      | Yes                                       | Yes                                       | Yes                                      |
| IK RATING                                         | IK04                                                                                                    | IK04                                    | IK04                                     | IK04                                     | IK04                                      | IK04                                      | IK04                                     |

| Our Part Number                                            | DL-7BT4K 55                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | DL-7BT5K 30                              | DL-7BT5K 55                              | DL-7BT6K 30                            | DL-7BT6K 55                            | DL-7BT8K 30                              | DL-7BT8K 55                              |
|------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------|------------------------------------------|----------------------------------------|----------------------------------------|------------------------------------------|------------------------------------------|
| BARCODES INDIVIDUAL FITTINGS                               | 5060306473705                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 5060306473729                            | 5060306473743                            | 5060306473767                          | 5060306473781                          | 5060306473804                            | 5060306473828                            |
| BARCODES OUTER BOX                                         | 5060306473712                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 5060306473736                            | 5060306473750                            | 5060306473774                          | 5060306473798                          | 5060306473811                            | 5060306473835                            |
| Chip Type and Size                                         | 2835/10*30                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 2835/10*30                               | 2835/10*30                               | 2835/10*30                             | 2835/10*30                             | 2835/10*30                               | 2835/10*30                               |
| No of LEDs per Fitting                                     | 180                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 360                                      | 360                                      | 360                                    | 360                                    | 360                                      | 360                                      |
| Power Driver specification                                 | overvoltage /low-voltage protection, over-temperature protection , high PF, Low harmonic, constant power                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                          |                                          |                                        |                                        |                                          |                                          |
| Cable Lengths (prewired)                                   | 780MM                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 1080MM                                   | 1080MM                                   | 1080MM                                 | 1080MM                                 | 1380MM                                   | 1380MM                                   |
| Cable Type / Classif.                                      | Silver 3 Core Live / Neutral / Earth 0.75mm ( Class I )                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                          |                                          |                                        |                                        |                                          |                                          |
| INPUT VOLTAGE (V)                                          | 220V-240V                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 220V-240V                                | 220V-240V                                | 220V-240V                              | 220V-240V                              | 220V-240V                                | 220V-240V                                |
| Power (W) Wattage                                          | 40W                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 60W                                      | 60W                                      | 70W                                    | 70W                                    | 80W                                      | 80W                                      |
| Power Efficiency (PF)                                      | >0.9                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | >0.9                                     | >0.9                                     | >0.9                                   | >0.9                                   | >0.9                                     | >0.9                                     |
| Colour Temperature (CCT)                                   | 5500K                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 3000K                                    | 5500K                                    | 3000K                                  | 5500K                                  | 3000K                                    | 5500K                                    |
| Luminous Flux (LM)                                         | 3600LM                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 5400LM                                   | 5400LM                                   | 6300LM                                 | 6300LM                                 | 7200LM                                   | 7200LM                                   |
| Luminous Efficiency (LM/W)                                 | 90LM/W                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 90LM/W                                   | 90LM/W                                   | 90LM/W                                 | 90LM/W                                 | 90LM/W                                   | 90LM/W                                   |
| CURRENT: Amp / milliamps                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                          |                                          |                                        |                                        |                                          |                                          |
| View / Beam Angle (°)                                      | ≥110°                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | ≥110°                                    | ≥110°                                    | ≥110°                                  | ≥110°                                  | ≥110°                                    | ≥110°                                    |
| Colour Rendering Index (CRI)                               | ≥80                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | ≥80                                      | ≥80                                      | ≥80                                    | ≥80                                    | ≥80                                      | ≥80                                      |
| Power Factor                                               | 0.9                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 0.9                                      | 0.9                                      | 0.9                                    | 0.9                                    | 0.9                                      | 0.9                                      |
| IP Rating                                                  | IP20                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | IP20                                     | IP20                                     | IP20                                   | IP20                                   | IP20                                     | IP20                                     |
| Warranty                                                   | 3 YEARS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 3 YEARS                                  | 3 YEARS                                  | 3 YEARS                                | 3 YEARS                                | 3 YEARS                                  | 3 YEARS                                  |
| Flicker Free features                                      | YES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | YES                                      | YES                                      | YES                                    | YES                                    | YES                                      | YES                                      |
| Materials                                                  | AL+PC                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | AL+PC                                    | AL+PC                                    | AL+PC                                  | AL+PC                                  | AL+PC                                    | AL+PC                                    |
| Working temperatures                                       | -10~-45°C                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | -10~-45°C                                | -10~-45°C                                | -10~-45°C                              | -10~-45°C                              | -10~-45°C                                | -10~-45°C                                |
| Energy Efficiency Index (A+)                               | >A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | >A                                       | >A                                       | >A                                     | >A                                     | >A                                       | >A                                       |
| TESTINGS / EN NUMBERS                                      | CTI/EN55015                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | CTI/EN55015                              | CTI/EN55015                              | CTI/EN55015                            | CTI/EN55015                            | CTI/EN55015                              | CTI/EN55015                              |
| Product DIMENSIONS FULL LENGTH                             | 120CM                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 150CM                                    | 150CM<                                   | 180CM                                  | 180CM                                  | 240CM                                    | 240CM                                    |
| Individual Product Box Dimension/weight                    | 1210*80*30MMG.W/0.8(0.5±10%) kg                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 1510*80*30MMG.W/1.2(0.6±10%) kg          | 1510*80*30MM/G.W/1.2(0.6±10%) kg         | 1810*80*30MM/G.W/1.4(0.7±10%) kg       | 1810*80*30MM/G.W/1.4(0.7±10%) kg       | 2410*80*30MM/G.W/1.7(0.7±10%) kg         | 2410*80*30MM/G.W/1.7(0.7±10%) kg         |
| Outer Carton: Box quantities, Dimensions / Weight          | 20PCS/1225*325*175 MM/G.W/17(0.8±10%) kg                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 20PCS/1525*325*175 MM/G.W/25(0.9±10%) kg | 20PCS/1525*325*175 MM/G.W/25(0.9±10%) kg | 20PCS/1825*325*175 MM/G.W/29(1±10%) kg | 20PCS/1825*325*175 MM/G.W/29(1±10%) kg | 20PCS/2425*325*175 MM/G.W/35(1.2±10%) kg | 20PCS/2425*325*175 MM/G.W/35(1.2±10%) kg |
| - energy efficiency index (e.g. 'A+') (efficiency#1.value) | >A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | >A                                       | >A                                       | >A                                     | >A                                     | >A                                       | >A                                       |
| ECA                                                        | Yes                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Yes                                      | Yes                                      | Yes                                    | Yes                                    | Yes                                      | Yes                                      |
| IK RATING                                                  | IK04                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | IK04                                     | IK04                                     | IK04                                   | IK04                                   | IK04                                     | IK04                                     |
| Optional Accessories                                       |  <p>1. Ceiling installation</p> <p>2. Hoisting Installation</p> <p>3. Dismounting:</p> <p>For dismantling the fittings (if necessary).</p> <p>a) Insert flathead screwdriver horizontally between bracket and surface area of fitting.</p> <p>b) Move the screwdriver vertically to release fittings.</p>                                                                                                                                                                                                                                                                                      |                                          |                                          |                                        |                                        |                                          |                                          |
| DL-BTKIT                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                          |                                          |                                        |                                        |                                          |                                          |
| Cleaning instructions                                      | <p>It is recommended to clean luminaire on a regular basis, typically twice a year as slow build-up of dirt and dust could amount for a loss of light output before the dirt becomes noticeable.</p> <p>a) Switch off power supply prior to cleaning the fittings.</p> <p>b) (With Power off) We recommend wiping the luminaire with a damp cloth soaked and wrung out with water and washing up detergent. Dry immediately.</p> <p>If chemical based cleaning products are used, make sure that they are not the type that may cause damage to polycarbonate or aluminium surfaces, as some chemicals on the metal finishes of the products can easily tarnish the luminaire.</p> |                                          |                                          |                                        |                                        |                                          |                                          |



**CRI 90** Quality Light. Ideal for Readings, Colours Distinctions and Task lightings  
**FIRE RESISTANT**  
**IP40**  
**CREE** LEDs on All 5700K / 4000K / 3000K  
**Flicker Free**  
Unique Double Cavity Aluminium / Magnisium Body  
Unique Polycarbonate Lens for Safety, low Glare and Even light distribution  
High Quality Robust Own Factory made components  
Multi Safety Features According to IEC6250 and UKAS  
Double Insulated  
IES files available for lighting Schemes  
ECA A+ energy rating  
CE ROHS Fully Recyclable



|                                                                     |                            |                            |                            |                            |                            |                            |                            |                            |
|---------------------------------------------------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|
| Part Number                                                         | GU10-M9D65K40              | GU10-M9D65K57              | GU10-M9D65K30              | GU10-M9D65AMB              | GU10-M9D65BLU              | GU10-M9D65GRN              | GU10-M9D65PP               | GU10-M9D65RED              |
| Colour Temperature K / Wavelength                                   | 4000K                      | 5700K                      | 3000K                      | 610nm                      | 440-460NM                  | 510-530nm                  | 420nm                      | 670nm                      |
| BAR CODES                                                           | 5060306473712              | 5060306473989              | 5060306473767              | 5060306474078              | 5060306474085              | 5060306474092              | 5060306474115              | 5060306474108              |
| CHIP BRANDS                                                         | CREE                       | CREE                       | CREE                       |                            |                            |                            |                            |                            |
| Chip TYPE , Size and Qty                                            | SMD7070, 1PCS              | SMD7070, 1PCS              | SMD7070, 1PCS              | SMD7070, 1PCS              | SMD7070, 1PCS              | SMD7070, 1PCS              | SMD7070, 1PCS              | SMD7070, 1PCS              |
| Powerdriver Specifications                                          | Output 48-56V/100mA        | Output 48-56V/100mA        | Output 48-56V/100mA        | Output 48-56V/100mA        | Output 48-56V/100mA        | Output 48-56V/100mA        | Output 48-56V/100mA        | Output 48-56V/100mA        |
| INPUT VOLTAGE                                                       | 230V                       | 230V                       | 230V                       | 230V                       | 230V                       | 230V                       | 230V                       | 230V                       |
| INPUT TYPE: AC/ DC CV / CC                                          | AC                         | AC                         | AC                         | AC                         | AC                         | AC                         | AC                         | AC                         |
| Wattage S                                                           | 6.5W                       | 6.5W                       | 6.5W                       | 6.5W                       | 6.5W                       | 6.5W                       | 6.5W                       | 6.5W                       |
| Lumens Output                                                       | 600LM                      | 600LM                      | 600LM                      | 545LM                      | 911LM                      | 933LM                      | 233LM                      | 266LM                      |
| Luminous Flux (LM) to Wattage                                       | 600LM                      | 600LM                      | 600LM                      | 600LM                      | 600LM                      | 600LM                      | 600LM                      | 600LM                      |
| Scientific Lm output, Adjusted To relative Eye Sensitivity Response | 600LM                      | 600LM                      | 600LM                      | 302LM*                     | 228LM*                     | 517LM*                     | 240LM*                     | 192LM*                     |
| CURRENT: Amp / milliamps Total                                      | 100mA                      | 100mA                      | 100mA                      | 100mA                      | 100mA                      | 100mA                      | 100mA                      | 100mA                      |
| Current AMP / Milliamps per LED                                     | 100mA                      | 100mA                      | 100mA                      | 100mA                      | 100mA                      | 100mA                      | 100mA                      | 100mA                      |
| View Angle                                                          | 60°                        | 60°                        | 60°                        | 60°                        | 60°                        | 60°                        | 60°                        | 60°                        |
| CRI Rating                                                          | >RA90                      | >RA90                      | >RA90                      | N/A                        | N/A                        | N/A                        | N/A                        | N/A                        |
| Power Factor                                                        | 0.8                        | 0.8                        | 0.8                        | 0.8                        | 0.8                        | 0.8                        | 0.8                        | 0.8                        |
| IP Rating                                                           | IP40                       | IP40                       | IP40                       | IP40                       | IP40                       | IP40                       | IP40                       | IP40                       |
| Products Life                                                       | 35000 hours                | 35000 hours                | 35000 hours                | 35000 hours                | 35000 hours                | 35000 hours                | 35000 hours                | 35000 hours                |
| Warranty                                                            | 3 years                    | 3 years                    | 3 years                    | 3 years                    | 3 years                    | 3 years                    | 3 years                    | 3 years                    |
| Flicker Free features                                               | Flickerfree                | Flickerfree                | Flickerfree                | Flickerfree                | Flickerfree                | Flickerfree                | Flickerfree                | Flickerfree                |
| Dimmable features                                                   | Dimmable                   | Dimmable                   | Dimmable                   | Dimmable                   | Dimmable                   | Dimmable                   | Dimmable                   | Dimmable                   |
| Materials                                                           | Alluminium alloy+PC Lens   | Alluminium alloy+PC Lens   | Alluminium alloy+PC Lens   | Alluminium alloy+PC Lens   | Alluminium alloy+PC Lens   | Alluminium alloy+PC Lens   | Alluminium alloy+PC Lens   | Alluminium alloy+PC Lens   |
| Body Colour                                                         | Grey,Black,White           | Grey,Black,White           | Grey,Black,White           | Grey,Black,White           | Grey,Black,White           | Grey,Black,White           | Grey,Black,White           | Grey,Black,White           |
| Safety Features / cutouts                                           | IEC62560                   | IEC62560                   | IEC62560                   | IEC62560                   | IEC62560                   | IEC62560                   | IEC62560                   | IEC62560                   |
| Ukas                                                                | YES                        | YES                        | YES                        | YES                        | YES                        | YES                        | YES                        | YES                        |
| Emc / Radio Interferences /CE / double insulation Rohs              | YES                        | YES                        | YES                        | YES                        | YES                        | YES                        | YES                        | YES                        |
| Individual Product Box Dimension/weight                             | 53*53*61mm/68g             | 53*53*61mm/68g             | 53*53*61mm/68g             | 53*53*61mm/68g             | 53*53*61mm/68g             | 53*53*61mm/68g             | 53*53*61mm/68g             | 53*53*61mm/68g             |
| Outer Carton: Box quantities, Dimensions / Weight                   | 100pcs/285*285*270mm/8.4kg | 100pcs/285*285*270mm/8.4kg | 100pcs/285*285*270mm/8.4kg | 100pcs/285*285*270mm/8.4kg | 100pcs/285*285*270mm/8.4kg | 100pcs/285*285*270mm/8.4kg | 100pcs/285*285*270mm/8.4kg | 100pcs/285*285*270mm/8.4kg |
| Energy efficiency index                                             | A+                         | A+                         | A+                         | A+                         | A+                         | A+                         | A+                         | A+                         |
| ECA                                                                 | Yes                        | Yes                        | Yes                        | Yes                        | Yes                        | Yes                        | Yes                        | Yes                        |
| Part Number                                                         | MR16-M965K40               | MR16-M965K57               | MR16-M965K30               | MR16-M965AMB               | MR16-M965BLU               | MR16-M965GRN               | MR16-M965RED               |                            |
| Colour Temperature K / Wavelength                                   | 4000K                      | 5700K                      | 3000K                      | 610nm                      | 440-460NM                  | 510-530nm                  | 670nm                      |                            |
| BAR CODES                                                           | 5060306474122              | 5060306474139              | 5060306474146              | 5060306474153              | 5060306474160              | 5060306474177              | 5060306474184              |                            |
| CHIP BRANDS                                                         | CREE                       | CREE                       | CREE                       |                            |                            |                            |                            |                            |
| Chip TYPE , Size and Qty                                            | SMD7070, 1PCS              | SMD7070, 1PCS              | SMD7070, 1PCS              | SMD7070, 1PCS              | SMD7070, 1PCS              | SMD7070, 1PCS              | SMD7070, 1PCS              |                            |
| Powerdriver Specifications                                          | Output12V/450mA            | Output12V/450mA            | Output12V/450mA            | Output12V/450mA            | Output12V/450mA            | Output12V/450mA            | Output12V/450mA            |                            |
| INPUT VOLTAGE                                                       | 12V CV                     | 12V CV                     | 12V CV                     | 12V CV                     | 12V CV                     | 12V CV                     | 12V CV                     |                            |
| INPUT TYPE: AC/ DC CV / CC                                          | DC                         | DC                         | DC                         | DC                         | DC                         | DC                         | DC                         |                            |
| Wattage S                                                           | 6.5W                       | 6.5W                       | 6.5W                       | 6.5W                       | 6.5W                       | 6.5W                       | 6.5W                       |                            |
| Lumens Output                                                       | 600LM                      | 600LM                      | 600LM                      | 525LM                      | 90LM                       | 907LM                      | 252LM                      |                            |
| Luminous Flux (LM) to Wattage                                       | 600LM                      | 600LM                      | 600LM                      | 600LM                      | 600LM                      | 600LM                      | 600LM                      |                            |
| Scientific Lm output, Adjusted To relative Eye Sensitivity Response | 600LM                      | 600LM                      | 600LM                      | 302LM*                     | 228LM*                     | 517LM*                     | 192LM*                     |                            |
| CURRENT: Amp / milliamps Total                                      | 450mA                      | 450mA                      | 450mA                      | 450mA                      | 450mA                      | 450mA                      | 450mA                      |                            |
| Current AMP / Milliamps per LED                                     | 450mA                      | 450mA                      | 450mA                      | 450mA                      | 450mA                      | 450mA                      | 450mA                      |                            |
| View Angle                                                          | 60°                        | 60°                        | 60°                        | 60°                        | 60°                        | 60°                        | 60°                        |                            |
| CRI Rating                                                          | >RA90                      | >RA90                      | >RA90                      | N/A                        | N/A                        | N/A                        | N/A                        |                            |
| Power Factor                                                        | /                          | /                          | /                          | /                          | /                          | /                          | /                          |                            |
| IP Rating                                                           | IP40                       | IP40                       | IP40                       | IP40                       | IP40                       | IP40                       | IP40                       |                            |
| Products Life                                                       | 35000 hours                | 35000 hours                | 35000 hours                | 35000 hours                | 35000 hours                | 35000 hours                | 35000 hours                |                            |
| Warranty                                                            | 3 years                    | 3 years                    | 3 years                    | 3 years                    | 3 years                    | 3 years                    | 3 years                    |                            |
| Flicker Free features                                               | Flickerfree                | Flickerfree                | Flickerfree                | Flickerfree                | Flickerfree                | Flickerfree                | Flickerfree                |                            |
| Dimmable features                                                   | Non dimmable               | Non dimmable               | Non dimmable               | Non dimmable               | Non dimmable               | Non dimmable               | Non dimmable               |                            |
| Materials                                                           | Alluminium alloy+PC Lens   | Alluminium alloy+PC Lens   | Alluminium alloy+PC Lens   | Alluminium alloy+PC Lens   | Alluminium alloy+PC Lens   | Alluminium alloy+PC Lens   | Alluminium alloy+PC Lens   |                            |
| Body Colour                                                         | Grey,Black,White           | Grey,Black,White           | Grey,Black,White           | Grey,Black,White           | Grey,Black,White           | Grey,Black,White           | Grey,Black,White           |                            |
| Safety Features / cutouts                                           | IEC62560                   | IEC62560                   | IEC62560                   | IEC62560                   | IEC62560                   | IEC62560                   | IEC62560                   |                            |
| Ukas                                                                | YES                        | YES                        | YES                        | YES                        | YES                        | YES                        | YES                        |                            |
| Emc / Radio Interferences /CE / double insulation Rohs              | YES                        | YES                        | YES                        | YES                        | YES                        | YES                        | YES                        |                            |
| Individual Product Box Dimension/weight                             | 53*53*53mm/53g             | 53*53*53mm/53g             | 53*53*53mm/53g             | 53*53*53mm/53g             | 53*53*53mm/53g             | 53*53*53mm/53g             | 53*53*53mm/53g             |                            |
| Outer Carton: Box quantities, Dimensions / Weight                   | 100pcs/285*285*235mm/6.8kg | 100pcs/285*285*235mm/6.8kg | 100pcs/285*285*235mm/6.8kg | 100pcs/285*285*235mm/6.8kg | 100pcs/285*285*235mm/6.8kg | 100pcs/285*285*235mm/6.8kg | 100pcs/285*285*235mm/6.8kg |                            |
| Energy efficiency index                                             | A+                         | A+                         | A+                         | A+                         | A+                         | A+                         | A+                         |                            |
| ECA                                                                 | Yes                        | Yes                        | Yes                        | Yes                        | Yes                        | Yes                        | Yes                        |                            |

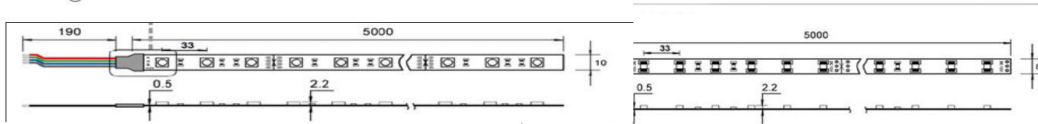
| Ref              | LENGTH OF RUNS | LST60 RANGE (4.8W/M)                                                                        | LST66 Range (5.5w/m)                                                                        | LST30RGB /LST66RGB Range (7.2W/m)                                                                                                           | LST76 Range (11.28W/M)                                                                      | LST76 RGB Range (14.4W/M)                                                                  | LST86 RANGE (28W/M)                |
|------------------|----------------|---------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|------------------------------------|
| A                | 5 m            | 1x LST60 + 1x 12V35IP67                                                                     | 1x LST66 + 1x 12V35IP67                                                                     | 1x LST66RGB + 1x DL-RGB/RJ45-RGBI + 1x 12V45IP67                                                                                            | 1x LST76 + 1x 12V60IP67                                                                     | 1x LST76RGB + 1x RJ45RGBI + 1x 12V100IP67                                                  | 1x LST86 + 24V150DIP68             |
| B                | 10M            | 2x LST60 + 1x 12V60IP67                                                                     | 2x LST66 + 1x 12V60IP67                                                                     | 2x LST66RGB + 1x DL-RGB/RJ45-RGBI + 1x 12V100IP67                                                                                           | 2x LST76 + 1x 12V120DC                                                                      | 2x LST76RGB + 1x RJ45-RGBI + 1x 12V-180DC                                                  |                                    |
| C                | 15M            | 3x LST60 + 1x 12V100IP67                                                                    | 3x LST66 + 1x 12V100IP67                                                                    | 3x LST66RGB + 1x DL-RGB/RJ45-RGBI + 12V120DC                                                                                                | 3x LST76 + 1x 12V180DC                                                                      |                                                                                            |                                    |
| D                | 20M            | 4x LST60 + 1x 12V100IP67                                                                    | 4x LST66 + 1x 12V120DC                                                                      | 4x LST66RGB + 1x RJ45-RGBI + 12V180DC                                                                                                       |                                                                                             |                                                                                            |                                    |
| E                | 25M            | 5x LST60 + 1x 12V-120DC                                                                     | 5x LST66 + 1x 12V-180DC                                                                     | 5x LST66RGB + 1x RJ45-RGBI + 12V180DC                                                                                                       |                                                                                             |                                                                                            |                                    |
| F                | 30M            | 6x LST60 + 1x 12V-180DC                                                                     | 6x LST66 + 1x 12V-180DC                                                                     |                                                                                                                                             |                                                                                             |                                                                                            |                                    |
| G                | 35M            | 7x LST60 + 1x 12V-180DC                                                                     |                                                                                             |                                                                                                                                             |                                                                                             |                                                                                            |                                    |
| H                | Longer lengths | Combinations of the above, for example G + B                                                | Combinations of the above, for example E + A                                                | Combinations of the above only with RJ45-RGBI controllers and RJ45 ethernet cable for linking controllers (not supplied). For example C + D | Combinations of the above, for example C + A                                                | Combinations of the above and RJ45 ethernet cable for linking controllers (not supplied).  | Multiples of the above             |
| FOR DIMMING      |                | Use Dimmable 12Volt Drivers instead, within PSU Capacity                                    | Use Dimmable 12Volt Drivers instead, within PSU Capacity                                    | Function already included                                                                                                                   | Use Dimmable 12Volt Drivers instead, within PSU Capacity                                    | Function already included                                                                  | Function already included          |
| Connections      |                | Series connections up to 5M. Parallel Connections back to powerdrivers if length exceeds 5M | Series connections up to 5M. Parallel Connections back to powerdrivers if length exceeds 5M | Series connections up to 5M. Parallel Connections back to Controllers if length exceeds 5M                                                  | Series connections up to 5M. Parallel Connections back to powerdrivers if length exceeds 5M | Series connections up to 5M. Parallel Connections back to Controllers if length exceeds 5M | Series Connections up to 5M length |
| Strips Widths    |                | 8mm                                                                                         | 8mm                                                                                         | 10mm                                                                                                                                        | 10mm                                                                                        | 10mm                                                                                       | 16MM                               |
| Cuttable Lengths |                | Every 5 CM                                                                                  | Every 5 CM                                                                                  | Every 10 CM                                                                                                                                 | Every 5 CM                                                                                  | Every 10 CM                                                                                | Every 10 CM                        |

Supplied with two Link/Powerleads inside each Packet

| DOMESTIC RANGE LED STRIPS                                                           |          |                                                              |
|-------------------------------------------------------------------------------------|----------|--------------------------------------------------------------|
|                                                                                     | LST60B   | LED Strip 5M 12V 4.8w/M 240Lm/M Blue IP65 120° 3yr 60LED/M   |
|                                                                                     | LST60R   | LED Strip 5M 12V 4.8w/M 240Lm/M Red IP65 120° 3yr 60LED/M    |
|                                                                                     | LST60DL  | LED Strip 5M 12V 4.8w/M 465Lm/M 6000K IP65 120° 3yr 60LED/M  |
|  | LST60G   | LED Strip 5M 12V 4.8w/M 240Lm/M Green IP65 120° 3yr 60LED/M  |
|                                                                                     | LST60P   | LED Strip 5M 12V 4.8w/M 240Lm/M Pink IP65 120° 3yr 60LED/M   |
|                                                                                     | LST60WW  | LED Strip 5M 12V 4.8w/M 365Lm/M 3200K IP65 120° 3yr 60LED/M  |
|                                                                                     | LST60Y   | LED Strip 5M 12V 4.8w/M 240Lm/M Yellow IP65 120° 3yr 60LED/M |
|                                                                                     | LST30RGB | LED Strip 5M 12V 7.2w/M 360Lm/M RGB IP65 120° 3YR 30LED/M    |

Dimensions LST30RGB

Dimension LST60



#### Commercial Professional Range LED Strips



**3M VHB**  
On All Professional Strips

Up to **2200lm/M**

**3YR WARRANTY**

**30,000 HOURS**

**IP20**

**SOLIDS & DUST**

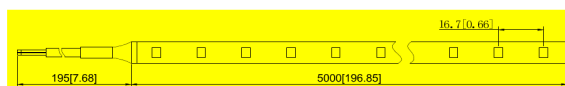
High Grade LED strips with top reliability in mind. Built from the highest specification components for commercial applications with typical long hour usage. Accurate and consistent colour temperatures, up to 2200 lumens per metre. Silicon based & IP65 (LST65/75). CE and TUV approved.

LST85 Ideal for colour powerful LED lighting. The LST85 is also...

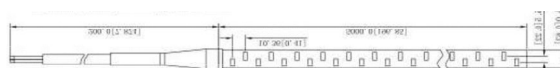
#### Features

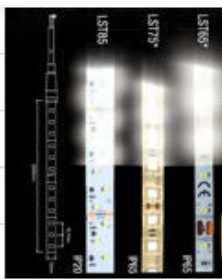
1. High-strength 2835 SMD LED, highly reliable;
2. ERP system, one BIN only, good color uniformity;
3. Anti-oxidation by silver for bonding pad;
4. Silver-Tin pad design, easy soldering;
5. CE, ROHS, UL, etc. compliant.

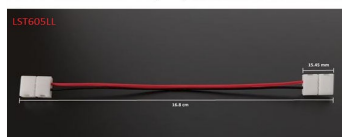
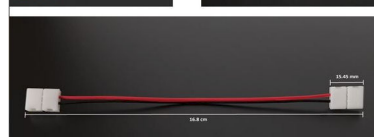
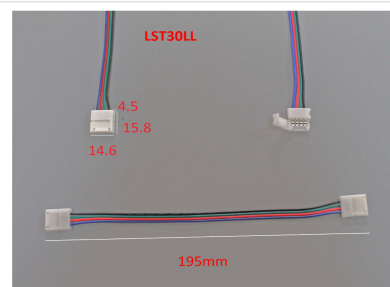
LT6



The LST66 is also an ideal alternative to traditional LED modules, with additional advantages of being easy to cut to any required length. 3M VHB (Very High Bond) adhesives used on all Professional strips.



|                                                                                                                             |                   |                                                                                   |
|-----------------------------------------------------------------------------------------------------------------------------|-------------------|-----------------------------------------------------------------------------------|
| <b>LED STRIPS COMMERCIAL RANGE</b><br><br> | <b>LST66DL</b>    | 8mm Strip 5M 12V 5.5w/M 455Lm/M 6500K IP65 115° 3YR 60LED/M                       |
|                                                                                                                             | <b>LST66WW</b>    | 8mm Strip 5M 12V 5.5w/M 420Lm/M 280 3YR0K IP65 115° 3YR 60LED/M                   |
|                                                                                                                             | <b>LST66CW</b>    | 8mm Strip 5M 12V 5.5w/M 467Lm/M 4500K IP65 115° 3YR 60LED/M                       |
|                                                                                                                             | <b>LST66RGB</b>   | IND 5m Roll 7.2w 12V 30x5050/M 275lm/M CRI80 3YR IP65 RGB                         |
|                                                                                                                             | <b>LST76RGB</b>   | LED Strip 5M 12V 14.4w/M 810Lm/M RGB IP65 120° 3YR 60LED/M                        |
|                                                                                                                             | <b>LST76DL</b>    | 10mm Strip 5M 12V 12w/M 825Lm/M 6500K IP65 115° 3YR 60LED/M                       |
|                                                                                                                             | <b>LST76CW</b>    | 10mm Strip 5M 12V 12w/M 850Lm/M 4500K IP65 115° 3YR 60LED/M                       |
|                                                                                                                             | <b>LST76WW</b>    | 10mm Strip 5M 12V 12w/M 765Lm/M 280 3YR0K IP65 115° 3YR 60LED/M                   |
|                                                                                                                             | <b>LST76BL</b>    | 10mm Strip 5M 12V 12w/M 154Lm/M Blue IP65 115° 3YR 60LED/M                        |
|                                                                                                                             | <b>LST75K24</b>   | LED Strip 5M 12V 12w/M 880 3YRLm/M 2400K IP20 120° 3YR 60LED/M                    |
|                                                                                                                             | <b>LST76GR</b>    | 10mm Strip 5M 12V 12w/M 144Lm/M GREEN IP65 115° 3YR 60LED/M                       |
|                                                                                                                             | <b>LST76RD</b>    | 10mm Strip 5M 12V 12w/M 131Lm/M RED IP65 115° 3YR 60LED/M                         |
|                                                                                                                             | <b>LST76OR</b>    | 10mm Strip 5M 12V 12w/M 80Lm/M ORANGE IP65 115° 3YR 60LED/M                       |
|                                                                                                                             | <b>LST86CW</b>    | 15mm Strip 5M 24V 28w/M 2575Lm/M 4500K IP20 115° 3YR 240LED/M                     |
|                                                                                                                             | <b>LST86WW</b>    | 15mm Strip 5M 24V 28w/M 2320Lm/M 2800K IP20 115° 3YR 240LED/M                     |
| <b>Controllers</b><br><br>               | <b>Amp12</b>      | SIGNAL AMPLIFIERS 12V DC INPUT 144w MAX (L105xw63xH23mm) 3YR IP20                 |
|                                                                                                                             | <b>DL-RGB</b>     | CONTROLLER 12V DC C/w Remote control INFRA RED 144w MAX (L129xw63xH23mm) 3YR IP20 |
|                                                                                                                             | <b>RJ45-RGBI</b>  | RF Controller 12V 180w C/w R/control L129 X w62 INDV. FREQ.                       |
|                                                                                                                             | <b>LST-PROTSL</b> | PROFILE TOUCHLESS DIMMER SWITCH PwM 12/24V 3/5A                                   |
| <b>Connectors / Accessories</b>                                                                                             | <b>LST30LL</b>    | 10mm 10x LINK/POWER LEAD FOR LST30 STRIPS 160MM + Twin 4p Sockets                 |
|                                                                                                                             | <b>LST60LL</b>    | 8mm 10xLINK/POWER LEAD FOR LST60 STRIPS 160MM + Twin 2P Sockets                   |
|                                                                                                                             | <b>LST605LL</b>   | 10mm 10xLINK/POWER LEAD FOR 8 & 10mm STRIPS 160MM + Twin 2P Sockets               |

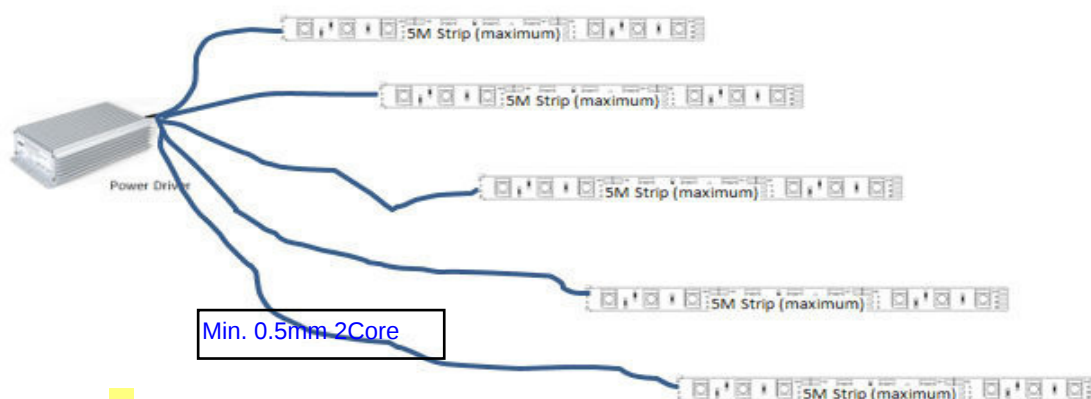


|                               |                  |                                                                                   |
|-------------------------------|------------------|-----------------------------------------------------------------------------------|
| <b>12V / 24V C.V. Drivers</b> | <b>12V-10DC</b>  | IP20 PREWIRED SEALED 10w 12V DC CV POWER DRIVER (90X40X18MM) + TWIN GX5.3 HOLDERS |
|                               | <b>12V15IP67</b> | IP67 PREWIRED SEALED 15w 12V DC CV POWER DRIVER                                   |

|                                                                                   |                            |                                                                                                            |
|-----------------------------------------------------------------------------------|----------------------------|------------------------------------------------------------------------------------------------------------|
|  | <a href="#">12V-120DC</a>  | IP20 SCREW TERMINALS 120W 12V DC CV POWER DRIVER (198x98x42MM)                                             |
|                                                                                   | <a href="#">12V-180DC</a>  | IP20 SCREW TERMINALS 180W 12V DC CV POWER DRIVER (198x98x42MM)                                             |
|                                                                                   | <a href="#">12V30IP67</a>  | IP67 PREWIRED SEALED 30W 12V DC CV POWER DRIVER (200x29x20MM)                                              |
|                                                                                   | <a href="#">12V35IP67</a>  | 12V 35W IP67 C.V. DC SEALED PSU L120x W36 x H25 pf> 90 3YR                                                 |
|  | <a href="#">12V45IP67</a>  | IP67 PREWIRED SEALED 45W 12V DC CV POWER DRIVER (200x29x20MM)                                              |
|                                                                                   | <a href="#">12V60IP67</a>  | 12V 60W IP67 C.V. DC SEALED PSU L168x W42 x H33 pf> 90 3YR                                                 |
|                                                                                   | <a href="#">12V100IP67</a> | 12V 100W IP67 C.V. DC SEALED PSU L190x W53 x H37 pf> 90 3YR                                                |
|                                                                                   |                            |                                                                                                            |
|                                                                                   | <a href="#">24V30IP67</a>  | IP67 PREWIRED SEALED 30W 24V DC CV POWER DRIVER (200x29x20MM)                                              |
|                                                                                   | <a href="#">24V35IP67</a>  | 24V 35W IP67 C.V. DC SEALED PSU L120x W36 x H25 pf> 90 3YR                                                 |
|                                                                                   | <a href="#">24V60IP67</a>  | IP67 PREWIRED SEALED 60W 24V DC CV POWER DRIVER (180x60x45MM)                                              |
|                                                                                   | <a href="#">24V100IP67</a> | IP67 24V 100W IP67 DC SEALED Prewired Constant Voltage POWER DRIVER IP67 240x49x35mm . Non Dimmable PF> 90 |

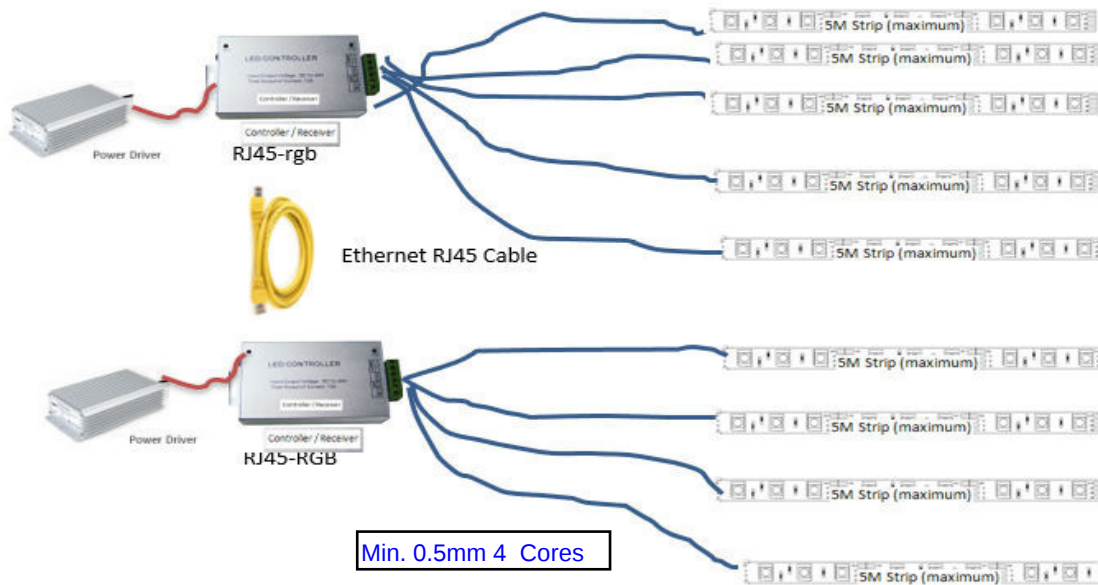
|                                                                                     |                                        |                             |                                                             |
|-------------------------------------------------------------------------------------|----------------------------------------|-----------------------------|-------------------------------------------------------------|
|  | <b>Dimmable 12V / 24V C.V. Drivers</b> | <a href="#">12V30DIP67</a>  | Dimmable12V/30W DC C.V. 2.5A IP67 P.Wired 35*32*20.5 3YR    |
|                                                                                     |                                        | <a href="#">12V60DIP67</a>  | Dimmable12V/60W DC C.V. 5A IP67 P.Wired 35*32*20.5 3YR      |
|                                                                                     |                                        | <a href="#">12V100DIP67</a> | Dimmable12V/100W DC C.V. 8.33A IP67 P.Wired 35*32*20.5 3YR  |
|                                                                                     |                                        | <a href="#">12V150DIP67</a> | Dimmable12V/150W DC C.V. 12.5A IP67 P.Wired 51*28*17.5 3YR  |
|                                                                                     |                                        | <a href="#">12V200DIP67</a> | Dimmable12V/200W DC C.V. 16.6A IP67 P.Wired 62*34*14.5 3YR  |
|                                                                                     |                                        |                             |                                                             |
|                                                                                     |                                        | <a href="#">24V30DIP67</a>  | Dimmable 24V/30W DC C.V. 1.25A IP67 P.Wired 35*32*20.5 3YR  |
|                                                                                     |                                        | <a href="#">24V60DIP67</a>  | Dimmable 24V/60W DC C.V. 2.5A IP67 P.Wired 35*32*20.5 3YR   |
|                                                                                     |                                        | <a href="#">24V100DIP67</a> | Dimmable 24V/100W DC C.V. 4.16A IP67 P.Wired 35*32*20.5 3YR |
|                                                                                     |                                        | <a href="#">24V150DIP67</a> | Dimmable 24V/150W DC C.V. 6.25A IP67 P.Wired 51*28*17.5 3YR |
|                                                                                     |                                        | <a href="#">24V200DIP67</a> | Dimmable 24V/200W DC C.V. 8.3A IP67 P.Wired 62*34*14.5 3YR  |

## Typical Connection Single Colour



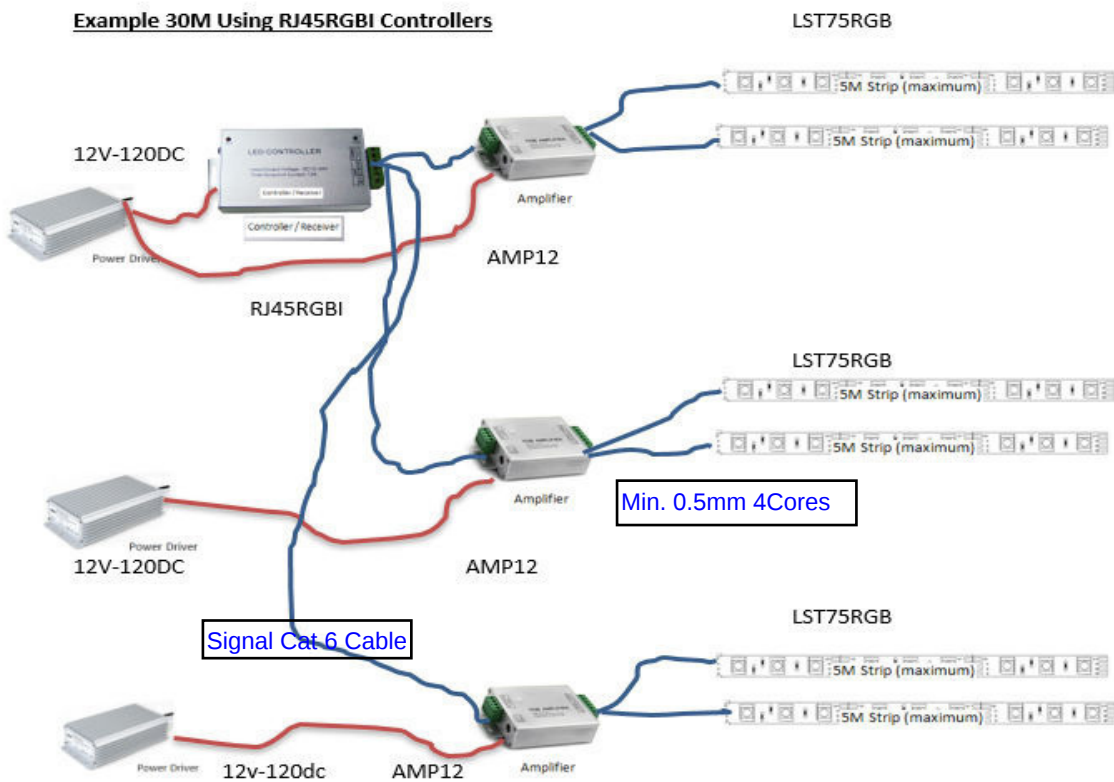
## For LST30RGB / LST65RGB

Full synchronisation with RJ45 network cable for optional Master & Secondary Receivers



## FOR LST75RGB

Example 30M Using RJ45RGBI Controllers

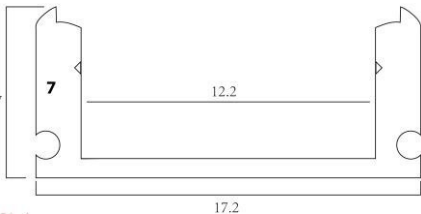
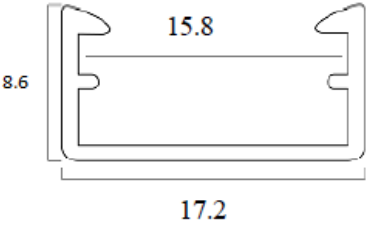
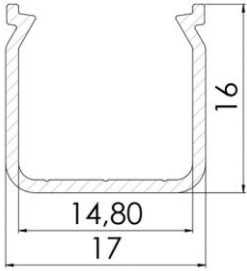


## DELTECH ALUMINIUM PROFILES

**SURFACE  
RECESS  
PLASTERBOARD  
45 °CORNER  
Anodized Aluminium /  
White lacquered Finish  
1 M / 2M / 3M Lengths  
Rigid Construction**

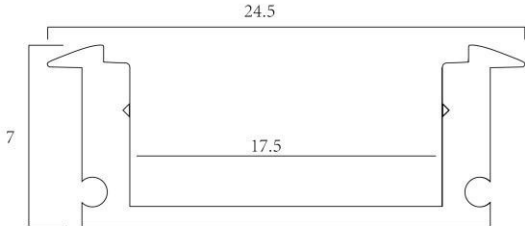
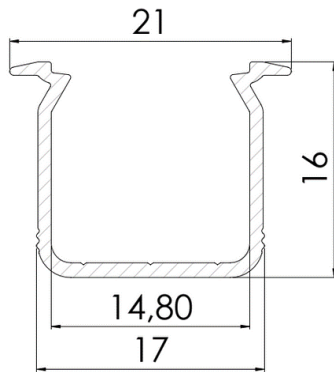
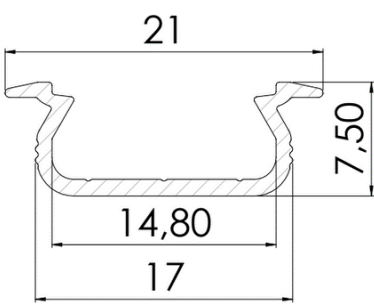


## SURFACE MOUNTED PROFILES

|                                                                                                             |                                                                                                            |                                                                                                                            |
|-------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------|
|  <p><b>LS-PRO</b></p>    |  <p><b>LST-PRO</b></p> |  <p><b>LST- Pro Clip (spares)</b></p> |
|  <p><b>LST-PRO15</b></p> |                                                                                                            |  <p><b>LST-PROD2M</b></p>             |

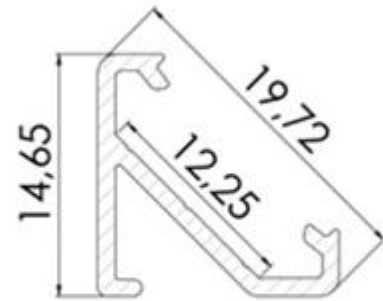
| <b>PART REF</b> | <b>FINISH</b>      | <b>Length<br/>mm</b> | <b>Width<br/>mm</b> | <b>Height<br/>mm</b> | <b>Internal<br/>Width</b> | <b>Supplied with</b>                            | <b>SALES<br/>Qty</b> |
|-----------------|--------------------|----------------------|---------------------|----------------------|---------------------------|-------------------------------------------------|----------------------|
| LST-PRO         | Silver<br>Anodized | 1M                   | 17.2                | 7                    | 12.2                      | Opal PC Diffuser + 2x Brackets + 2x Endcaps     | 1/100                |
| LST-PRO15       | Silver<br>Anodized | 1M                   | 17.2                | 8.6                  | 15.8                      | Opal PC Diffuser + 2x Brackets + 2x Endcaps     | 1/100                |
| LST-PRO2M       | Silver<br>Anodized | 2M                   | 17                  | 7.5                  | 14.8                      | Opal PMM Diffuser + 4x Brackets + 4x<br>Endcaps | 20                   |
| LST-PROD2M      | Silver<br>Anodized | 2M                   | 17                  | 16                   | 14.8                      | Opal PMM Diffuser + 4x Brackets + 4x<br>Endcaps | 20                   |
| LST-PRO3M       | Silver<br>Anodized | 3M                   | 17                  | 7.5                  | 14.8                      | Opal PMM Diffuser + 6x Brackets + 6x<br>Endcaps | 20                   |

# RECESS PROFILES

|                                                                                                              |                                                                                                                   |
|--------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------|
|  <p><b>LST-PROR</b></p>     |  <p><b>LST-PROR</b></p>         |
|  <p><b>LST-PRORD2M</b></p> |  <p><b>LST-PRORW 2/3 M</b></p> |

| PART REF    | FINISH             | Length<br>mm | Width<br>mm    | Height<br>mm | Internal<br>Width | Supplied with                               | SALES<br>Qty |
|-------------|--------------------|--------------|----------------|--------------|-------------------|---------------------------------------------|--------------|
| LST-PROR    | Silver<br>Anodized | 1M           | 24.5 /<br>17.5 | 7            | 12.2              | Opal PC Diffuser + 2x Brackets + 2x Endcaps | 1/100        |
| LST-PRORW2M | WHITE<br>LAQUER    | 2M           | 21 / 17        | 7.5          | 14.8              | Opal PMM Diffuser + 4x Endcaps              | 20           |
| LST-PRORD2M | Silver<br>Anodized | 2M           | 21 / 17        | 16           | 14.8              | Opal PMM Diffuser + 4x Endcaps              | 20           |
| LST-PRORW3M | WHITE<br>LAQUER    | 3M           | 21 / 17        | 7.5          | 14.8              | Opal PMM Diffuser + 6x Endcaps              | 20           |

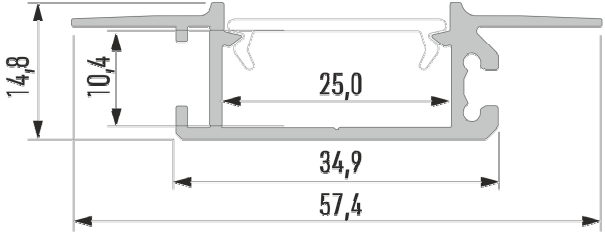
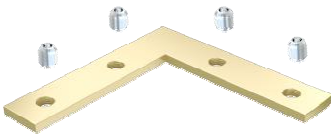
# CORNER SURFACE PROFILES



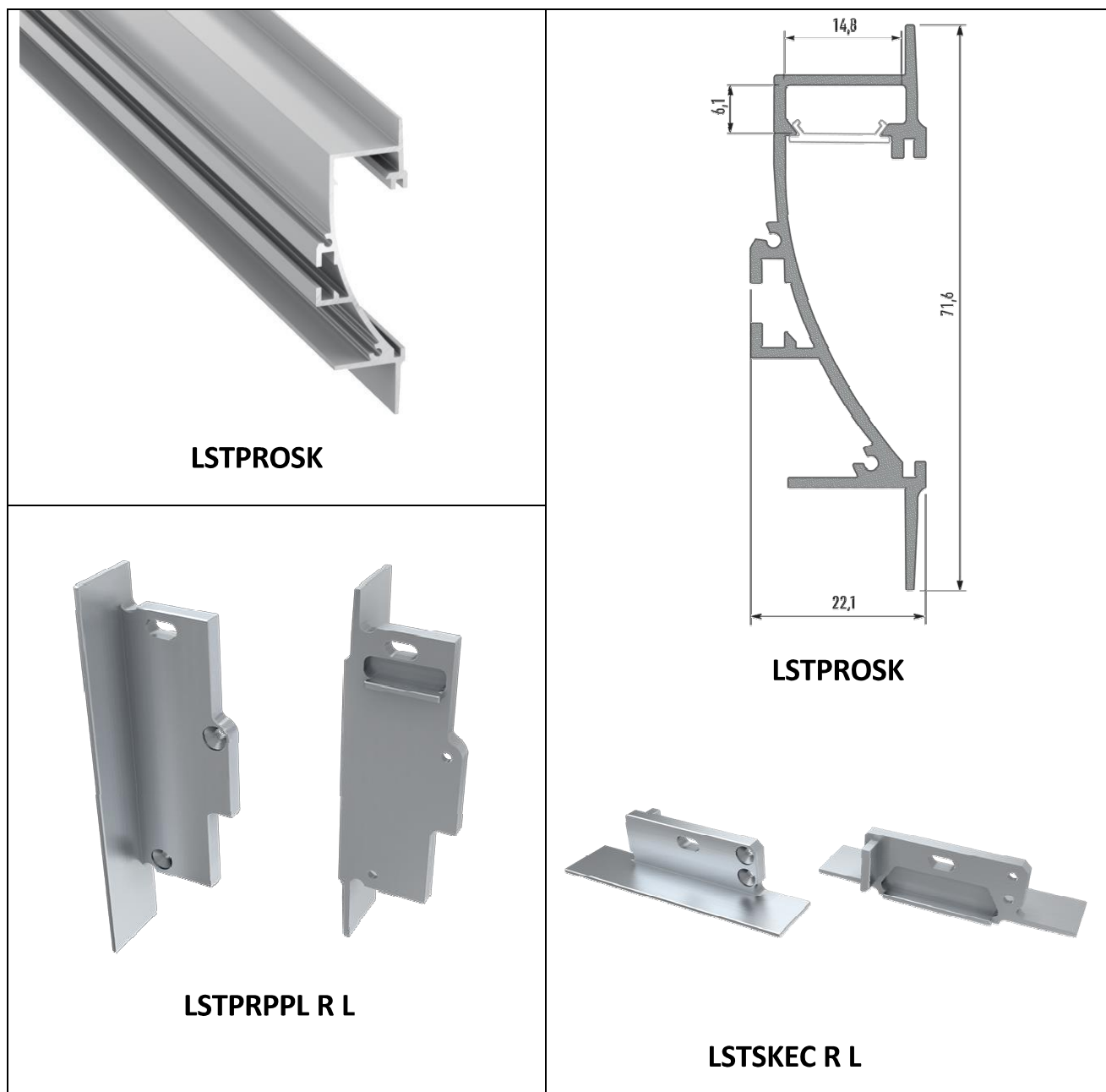
## LST-PROC

| Corner<br>PROFILES |                    |              |             |              |                            |                                                 |              |
|--------------------|--------------------|--------------|-------------|--------------|----------------------------|-------------------------------------------------|--------------|
| PART REF           | FINISH             | Length<br>mm | Width<br>mm | Height<br>mm | Internal<br>/Ext.<br>Width | Supplied with                                   | SALES<br>Qty |
| LST-PROC           | Silver<br>Anodized | 1M           | 13.2        | 14.65        | 12.25 /<br>19.72           | Opal PC Diffuser + 2x Brackets + 2x Endcaps     | 20           |
| LST-PROC2M         | Silver<br>Anodized | 2M           | 13.2        | 14.65        | 12.25 /<br>19.72           | Opal PMM Diffuser + 4x Brackets + 4x<br>Endcaps | 20           |
| LST-PROC3M         | Silver<br>Anodized | 3M           | 13.2        | 14.65        | 12.25 /<br>19.72           | Opal PMM Diffuser + 6x Brackets + 6x<br>Endcaps | 20           |

# PLASTERBOARD INSERT PROFILES

|                                                                                                            |                                                                                                           |
|------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------|
|  <p><b>LSTPROPL</b></p>   |  <p><b>LSTPROPL</b></p> |
|  <p><b>LSTPROPLSC</b></p> |  <p><b>LSTPROAC</b></p> |

|                             |                                                        |                      |                     |                      |                                     |                      |                      |
|-----------------------------|--------------------------------------------------------|----------------------|---------------------|----------------------|-------------------------------------|----------------------|----------------------|
| INSET<br>PLASTERBOARD       |                                                        |                      |                     |                      |                                     |                      |                      |
| <b>PART REF</b>             | <b>FINISH</b>                                          | <b>Length<br/>mm</b> | <b>Width<br/>mm</b> | <b>Height<br/>mm</b> | <b>Internal<br/>/Ext.<br/>Width</b> | <b>Supplied with</b> | <b>SALES<br/>Qty</b> |
| LST-<br>PROPL2M             | Silver<br>Anodized                                     | 2                    | 57.4                | 10.4                 | 25MM                                | Opal PC Diffuser.    | 20                   |
| LST-<br>PROPL3M             | Silver<br>Anodized                                     | 3                    | 57.4                | 10.4                 | 25MM                                | Opal PC Diffuser.    | 20                   |
| <b>OPTIONAL ACCESSORIES</b> |                                                        |                      |                     |                      |                                     |                      |                      |
| LST-PROPLSC                 | Straight Connector Set for LST-PROPL 2M/3M             |                      |                     |                      |                                     |                      | 1                    |
| LST-<br>PROPLAC             | Angular Connector Set for LST-PROPL 2M/3M              |                      |                     |                      |                                     |                      | 1                    |
| LST-<br>PROPLECR            | Alum. End Cap Right FOR LST-PROPL PLASTERBOARD PROFILE |                      |                     |                      |                                     |                      | 1                    |
| LST-<br>PROPLECL            | Alum. End Cap LEFT FOR LST-PROPL PLASTERBOARD PROFILE  |                      |                     |                      |                                     |                      | 1                    |



|                                                               |                    |                      |                     |                      |                           |                      |                      |
|---------------------------------------------------------------|--------------------|----------------------|---------------------|----------------------|---------------------------|----------------------|----------------------|
| INSET<br>PLATERBOA<br>RD INNER<br>Curved Side<br>lit Profiles |                    |                      |                     |                      |                           |                      |                      |
| <b>PART REF</b>                                               | <b>FINISH</b>      | <b>Length<br/>mm</b> | <b>Width<br/>mm</b> | <b>Height<br/>mm</b> | <b>Internal<br/>Width</b> | <b>Supplied with</b> | <b>SALES<br/>Qty</b> |
| LST-<br>PROSK2M                                               | Silver<br>Anodized | 2M                   | 22.1                | 71.6                 | 14.8                      | OPAL PC DIFFUSER     | 20                   |
| LST-<br>PROSK3M                                               | Silver<br>Anodized | 3M                   | 22.1                | 71.6                 | 14.8                      | OPAL PC DIFFUSER     | 20                   |

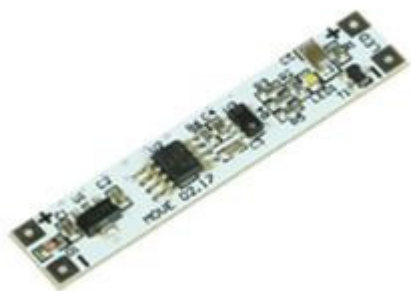
|                             |                                                        |          |
|-----------------------------|--------------------------------------------------------|----------|
| <b>OPTIONAL ACCESSORIES</b> |                                                        |          |
| <b>LST-PROPLECR</b>         | Alum. End Cap Right FOR LST-PROSK INNER CURVED PROFILE | <b>1</b> |
| <b>LST-PROPLECL</b>         | Alum. End Cap LEFT FOR LST-PROSK INNER CURVED PROFILE  | <b>1</b> |

### Sample Packs

|                  |                                                        |          |
|------------------|--------------------------------------------------------|----------|
| <b>LST-PROSP</b> | Alum. End Cap Right FOR LST-PROSK INNER CURVED PROFILE | <b>1</b> |
|------------------|--------------------------------------------------------|----------|

### Touchless Switch Dimmer unit

|                   |                                                 |          |
|-------------------|-------------------------------------------------|----------|
| <b>LST-PROTLS</b> | PROFILE TOUCHLESS DIMMER SWITCH PWM 12/24V 3/5A | <b>1</b> |
|-------------------|-------------------------------------------------|----------|



**LSTPROTLS**

**TBB245K60 PANELLIGHT FLICKER FREE TP(b) Fire Rated**

**Designed Specifically for Superstores and other heavy commercial use**

- Ultra-High Reliability Rate
- TP(b) Fire rated with 1.5mm thickness Polycarbonate diffuser
- Fittings maintain new looks with No Discolouring on both material and diffuser.
- Flicker Free
- UKAS approval
- 750mm Lead for ease of installation
- Slim Edgelit design
- 595mm x 595mm (Compatible with different sizes T bar)
- 230v 45W 28v-48v 950ma 4110LM
- CRI >80 120° IP20 Class2
- 3 Years No quibble Warranty



Optional Accessories:

PNLSML2: Ceiling Surface Mount Kit

PNLEM: 3 Hours Maintained Emergency Unit

TP(b)



**SELV IP20**

Report No.: 6000K 45W

Test Time: 2020-05-08 11:38

## Luminaire Property

Luminaire Manufacturer: DELTECH UK LTD

Lamp Description: 6000k

Luminous Width (mm): 595

Current: 0.216 A

Power Factor: 0.964

Luminous Length (mm): 595

Voltage: 220.2 V

Power: 45.77 W

## Photometric Results

CIE Class: Direct

Measurement Flux: 4110.8 lm

Downward Ratio: 98%

Field Angle(C0/C180,C90/C270,C45/C225,C135/315): 160.5, 160.4, 160.5, 160.5

Beam Angle(C0/C180,C90/C270,C45/C225,C135/315): 114.5, 113.4, 114.0, 114.0

Luminaire Efficacy Rating (LER): 89.86

Max. Intensity: 1405.44 cd

S/MH(C0/C180): 1.27

Total Rated Lamp Lumens: 4110.8 lm

Efficiency: 100%

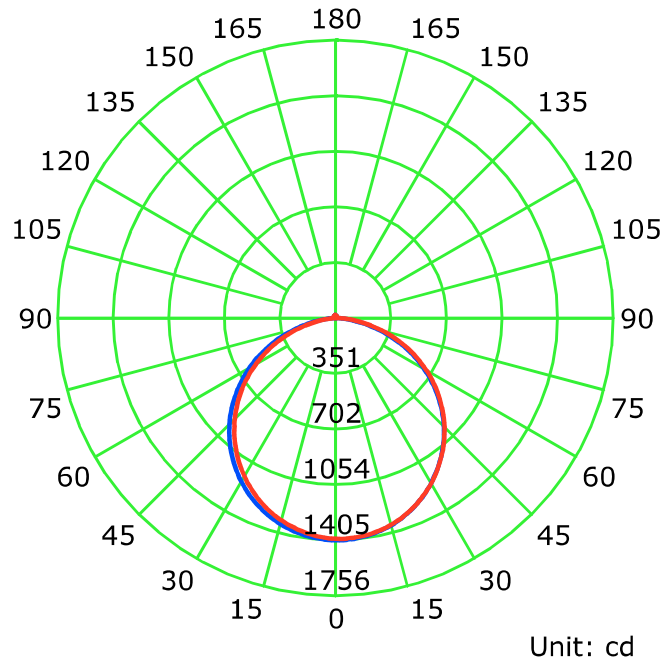
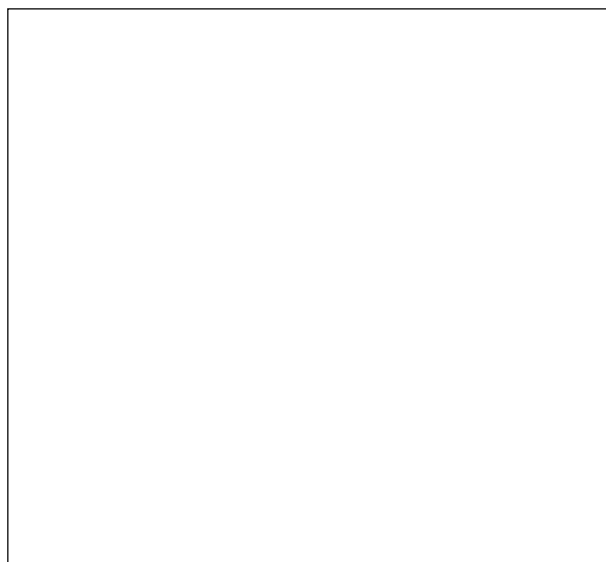
Upward Ratio: 2%

Central Intensity: 1404.94 cd

Pos of Max. Intensity: H0 V1

S/MH(C90/C270): 1.26

Luminous Intensity Distribution Curve



— C0-C180 — C90-C270

C Plane (°):0.0-360.0: 90.0

Test Lab:

Test Type: 18 E C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:1.0

Test Device: GPM-1600L

Distance: 8.074 m

Humidity:

Inspector:

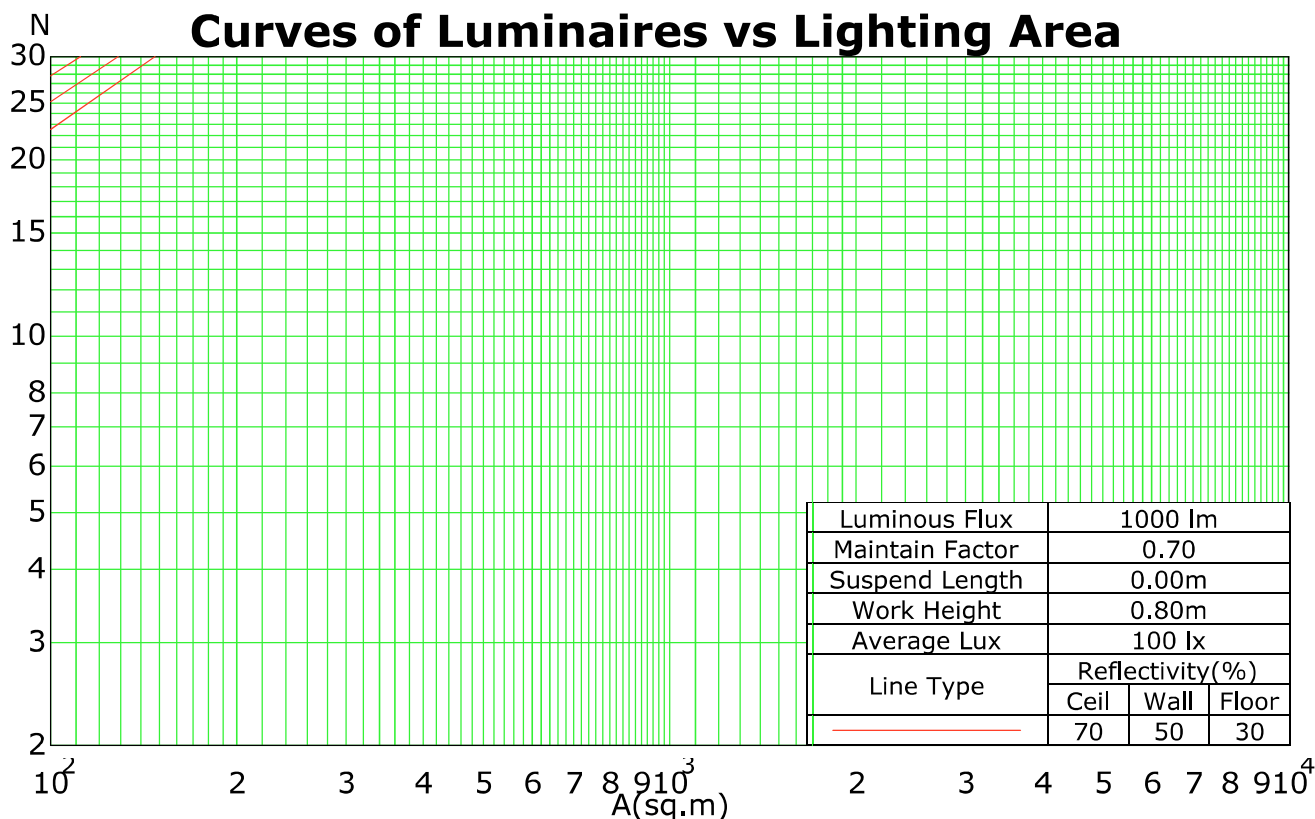
## Coefficients Of Utilization - Zonal Cavity Method

|     |          |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |    |
|-----|----------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|
| RC  | 0.8      | 0.8 | 0.8 | 0.8 | 0.7 | 0.7 | 0.7 | 0.7 | 0.5 | 0.5 | 0.5 | 0.3 | 0.3 | 0.3 | 0.1 | 0.1 | 0.1 | 0  |
| RW  | 0.7      | 0.5 | 0.3 | 0.1 | 0.7 | 0.5 | 0.3 | 0.1 | 0.5 | 0.3 | 0.1 | 0.5 | 0.3 | 0.1 | 0.5 | 0.3 | 0.1 | 0  |
| RCR | RF = 0.2 |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |    |
| 0   | 119      | 119 | 119 | 119 | 116 | 116 | 116 | 116 | 110 | 110 | 110 | 105 | 105 | 105 | 100 | 100 | 100 | 98 |
| 1   | 108      | 104 | 99  | 96  | 105 | 101 | 97  | 94  | 97  | 93  | 90  | 92  | 90  | 87  | 89  | 86  | 84  | 82 |
| 2   | 98       | 90  | 83  | 78  | 96  | 88  | 82  | 77  | 84  | 79  | 75  | 81  | 76  | 73  | 77  | 74  | 71  | 68 |
| 3   | 90       | 79  | 71  | 64  | 87  | 77  | 70  | 64  | 74  | 68  | 62  | 71  | 66  | 61  | 68  | 64  | 60  | 57 |
| 4   | 82       | 70  | 61  | 54  | 80  | 69  | 60  | 54  | 66  | 59  | 53  | 63  | 57  | 52  | 61  | 56  | 51  | 49 |
| 5   | 75       | 62  | 53  | 47  | 73  | 61  | 53  | 46  | 59  | 51  | 46  | 57  | 50  | 45  | 55  | 49  | 44  | 42 |
| 6   | 70       | 56  | 47  | 41  | 68  | 55  | 47  | 40  | 53  | 46  | 40  | 51  | 45  | 39  | 50  | 44  | 39  | 37 |
| 7   | 64       | 51  | 42  | 36  | 63  | 50  | 42  | 36  | 48  | 41  | 35  | 47  | 40  | 35  | 45  | 39  | 35  | 33 |
| 8   | 60       | 46  | 38  | 32  | 58  | 46  | 37  | 32  | 44  | 37  | 32  | 43  | 36  | 31  | 41  | 35  | 31  | 29 |
| 9   | 56       | 43  | 34  | 29  | 54  | 42  | 34  | 29  | 41  | 33  | 28  | 39  | 33  | 28  | 38  | 32  | 28  | 26 |
| 10  | 52       | 39  | 31  | 26  | 51  | 39  | 31  | 26  | 38  | 31  | 26  | 36  | 30  | 26  | 35  | 30  | 25  | 24 |

Spacing Criteria (0-180): 1.27

Spacing Criteria (90-270): 1.26

Spacing Criteria (Diagonal): 1.38



C Plane (°):0.0-360.0: 90.0

Test Lab:

Test Type: 19 E C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:1.0

Test Device: GPM-1600L

Distance: 8.074 m

Humidity:

Inspector:

# United Kingdom Accreditation Service

---

## ACCREDITATION CERTIFICATE



**TESTING LABORATORY**  
**No. 0249**

**Warringtonfire Testing and Certification Limited, trading as  
Warringtonfire**

is accredited in accordance with the recognised International Standard ISO/IEC 17025:2005 - General Requirements for the competence of testing and calibration laboratories.

This accreditation demonstrates technical competence for a defined scope as detailed in and at the locations specified in the schedule to this certificate, and the operation of a laboratory quality management system (refer joint ISO-ILAC-IAF Communiqué dated April 2017).

The schedule to this certificate is an essential accreditation document and from time to time may be revised and reissued by the United Kingdom Accreditation Service. The most recent issue of the schedule of accreditation, which bears the same accreditation number as this certificate, is available from the UKAS website [www.ukas.com](http://www.ukas.com).

This accreditation is subject to continuing conformity with United Kingdom Accreditation Service requirements. The absence of a schedule on the UKAS website indicates that the accreditation is no longer in force.

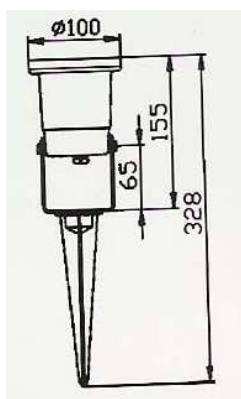
---

*Chief Executive Officer, United Kingdom Accreditation Service*

**Initial Accreditation date**  
**05 September 1983**

**This certificate issued on**  
**01 December 2018**

UKAS is appointed as the sole national accreditation body for the UK by The Accreditation Regulations 2009 (SI No 3155/2009) and operates under a Memorandum of Understanding (MoU) with the Department for Business, Energy & Industrial Strategy (BEIS)



## Exterior Spike\Wall Spotlight

- *Mains GU10 LED or Halogen Lamp*
- *IP67*
- *Tempered Glass*
- *2m Tough Rubber Cable*
- *Di cast Aluminium*
- *Ground Mounting Spike*
- *Wall mounting Bracket*

- ☐ **BLACK**
- ☐ **Marine Green**
- ☐ **Metallic Grey**

**Carton Quantity: 20 Units**

## GU10 / GX INSULATED CERAMIC LAMPHOLDER

