

## Isoline

ISOLINE 1690MM 4K WD E3 8C

0042530



### Product features

- Isoline LED linear luminaire with 3hr integrated emergency function for industrial and commercial applications. 1690 mm length with wide optics provide homogeneous light distribution for open areas. Aluminium housing, RAL 9016. Max + 35 °C operating temperature range, 4000 K, CRI 80, UGR <25, 3 SDCM. 60 W power consumption, 8150 lm luminous flux, 136 lm/W efficacy, 1690 mm x 62 mm x 59 mm (L x W x H) dimensions, IP20, IK03, 220-240 V 50/60 Hz, Class I. Lifespan L70:B50 60,000 hours.



### PRODUCT OVERVIEW

|                                 |                                  |
|---------------------------------|----------------------------------|
| Product name                    | ISOLINE 1690MM 4K WD E3 8C       |
| Technology                      | LED                              |
| Cap/Base                        | N/A                              |
| Housing                         | Aluminium                        |
| Mount                           | Suspended                        |
| Fixture rating                  | Enclosed                         |
| General application             | Logistics & Industry             |
| ETIM Class                      | EC000986                         |
| Warranty                        | 5 years                          |
| Fixture luminous flux (lm)      | 8150                             |
| Luminous flux (lm)              | 8150                             |
| Luminaire efficacy (lm/W)       | 136                              |
| Colour temperature (K)          | 4000                             |
| Colour Code                     | 840                              |
| CRI (Ra)                        | 80                               |
| Colour Variation Initial (SDCM) | SDCM3                            |
| Beam Angle (°)                  | 90                               |
| Glare control                   | < 25                             |
| Photobiological Risk Group      | RG1                              |
| Luminous flux (emergency) (lm)  | 637                              |
| Total power consumption (W)     | 60                               |
| Electrical protection           | Class I                          |
| Control gear type               | LED driver constant current      |
| Dimmable                        | No                               |
| Dimming method                  | N/A                              |
| LED Flickering Rate             | Ultra low (5% or less)           |
| Housing colour                  | RAL 9016 - Traffic white / Bezel |
| IP rating                       | IP20                             |
| IK rating                       | IK03                             |
| Product EAN number              | 5410288425306                    |

## Isoline

ISOLINE 1690MM 4K WD E3 8C

0042530

### DATA TABLE

#### General data

|                                  |                            |
|----------------------------------|----------------------------|
| Product name                     | ISOLINE 1690MM 4K WD E3 8C |
| Technology                       | LED                        |
| Cap/Base                         | N/A                        |
| Housing                          | Aluminium                  |
| Mount                            | Suspended                  |
| Fixture rating                   | Enclosed                   |
| General application              | Logistics & Industry       |
| Operating temperature range (°C) | 0°C...+35°C                |
| ETIM Class                       | EC000986                   |
| Warranty                         | 5 years                    |

#### Optical data

|                                 |       |
|---------------------------------|-------|
| Fixture luminous flux (lm)      | 8150  |
| Luminous flux (lm)              | 8150  |
| Luminaire efficacy (lm/W)       | 136   |
| Colour temperature (K)          | 4000  |
| Colour Code                     | 840   |
| CRI (Ra)                        | 80    |
| Colour Variation Initial (SDCM) | SDCM3 |
| Beam Angle (°)                  | 90    |
| Glare control                   | < 25  |
| Photobiological Risk Group      | RG1   |
| Luminous flux (emergency) (lm)  | 637   |
| Emergency duration (h)          | 3     |

#### Electrical data

|  |                             |
|--|-----------------------------|
| Total power consumption (W)                                    | 60                          |
| Mains voltage (V)  | 220-240V                    |
| Lamp power factor  | 0.95                        |
| THD (at 230 V, 50 Hz, full load, at 100% dimming level) xx.x % | 10                          |
| Electrical protection  | Class I                     |
| Control gear required  | No                          |
| Control gear type  | LED driver constant current |
| Transformer required   | No                          |
| Dimmable   | No                          |
| Dimming method   | N/A                         |
| Drive current (mA)   | 250                         |
| Inrush Current (A)   | 25                          |
| Inrush Duration (µs)   | 250                         |
| Glow Wire Test (°C)  | 650                         |
| Energy Efficiency Class (A->G) of contained light source       | C                           |
| Nominal Frequency (Hz)   | 50/60Hz                     |
| LED Flickering Rate  | Ultra low (5% or less)      |
| Max. Luminaires per 10A C Breaker                              | 27                          |

## Isoline

ISOLINE 1690MM 4K WD E3 8C

0042530

|                                   |    |
|-----------------------------------|----|
| Max. Luminaires per 13A C Breaker | 35 |
| Max. Luminaires per 16A C Breaker | 45 |
| Max. Luminaires per 20A C Breaker | 58 |
| Max. Luminaires per 10A B Breaker | 16 |
| Max. Luminaires per 13A B Breaker | 21 |
| Max. Luminaires per 16A B Breaker | 27 |
| Max. Luminaires per 20A B Breaker | 35 |

### Lifetime data

|                  |       |
|------------------|-------|
| Lifespan L70 B50 | 60000 |
| Lifespan L80 B10 | 60000 |
| Lifespan L90 B10 | 31500 |

### Physical data

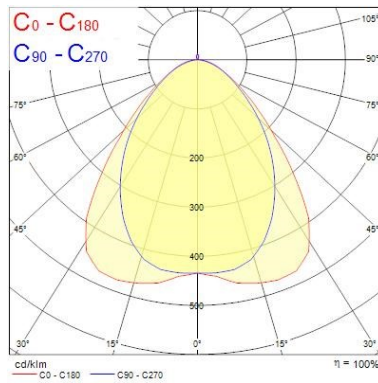
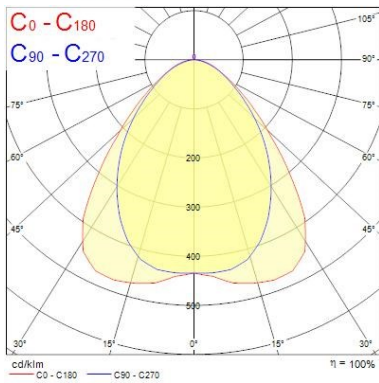
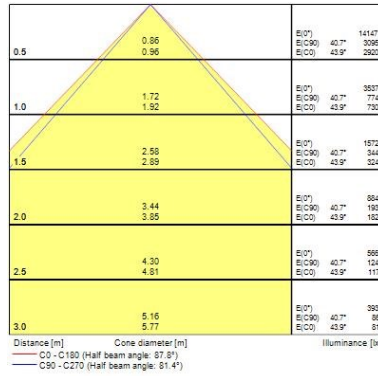
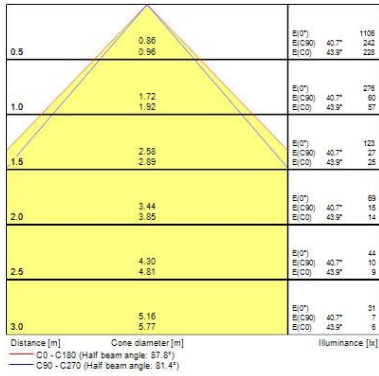
|                             |                                  |
|-----------------------------|----------------------------------|
| Housing colour              | RAL 9016 - Traffic white / Bezel |
| IP rating                   | IP20                             |
| IK rating                   | IK03                             |
| IK rating of sensor         | IK03                             |
| Diffuser finish             | Transparent                      |
| Diffuser material           | PMMA Acrylic                     |
| Nominal Product Length (mm) | 1690                             |
| Nominal Product Width (mm)  | 62                               |
| Nominal Product Height (mm) | 59                               |
| Weight (kg)                 | 4.5                              |

### Packaging

|                                       |                              |
|---------------------------------------|------------------------------|
| Single packaging type                 | Mix(80% carton, 20% plastic) |
| Product EAN number                    | 5410288425306                |
| Packaging single length / height (cm) | 185.0                        |
| Packaging single width (cm)           | 7.2                          |
| Packaging single depth (cm)           | 6.9                          |
| DUN14 (outer)                         | 05410288425306               |
| Units per outer package               | 1                            |
| Packaging outer length / height (cm)  | 185.0                        |
| Packaging outer width (cm)            | 7.2                          |
| Packaging outer depth (cm)            | 6.9                          |

## PHOTOMETRY

## Isoline ISOLINE 1690MM 4K WD E3 8C 0042530



## TECHNICAL DRAWINGS

