



Features

- Isoline LED linear DALI dimmable luminaire for industrial and commercial applications. 1690 mm length with wide optics provide homogeneous light distribution for open areas. Suitable for DALI Dimming. Aluminium housing, RAL 9016. Max + 35 °C operating temperature range, 4000 K, CRI 80, UGR <25, 3 SDCM. 56 W power consumption, 8150 lm luminous flux, 145 lm/W efficacy, 1690 mm x 62 mm x 59 mm (L x W x H) dimensions, IP20, IK03, DC 50/60 Hz, Class I. Lifespan L70:B50 60,000 hours.

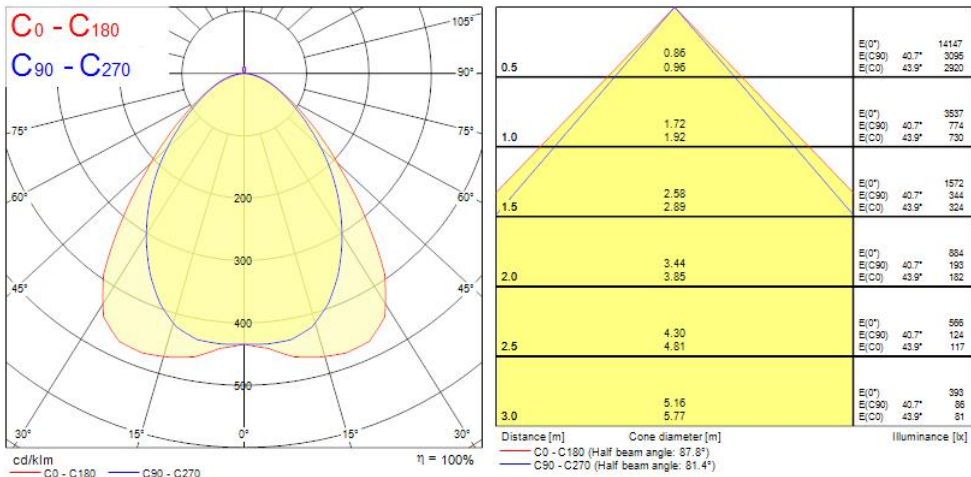
Product Overview

|                                 |                                  |
|---------------------------------|----------------------------------|
| Product name                    | ISOLINE 1690MM 4K WD DA 8C       |
| Technology                      | LED                              |
| Cap/Base                        | N/A                              |
| Housing                         | Aluminium                        |
| Mount                           | Suspended                        |
| Fixture rating                  | Enclosed                         |
| Fixture luminous flux (lm)      | 8150                             |
| Luminaire efficacy (lm/W)       | 145                              |
| Colour temperature (K)          | 4000                             |
| CRI (Ra)                        | 80                               |
| Colour Variation Initial (SDCM) | 3                                |
| Glare control                   | < 25                             |
| Photobiological Risk Group      | RG1                              |
| Total power consumption (W)     | 56                               |
| Electrical protection           | Class I                          |
| Control gear type               | LED driver constant current      |
| LED Flickering Rate             | Ultra low (5% or less)           |
| Housing colour                  | RAL 9016 - Traffic white / Bezel |
| IP rating                       | IP20                             |
| IK rating                       | IK03                             |
| Product EAN number              | 5410288425214                    |

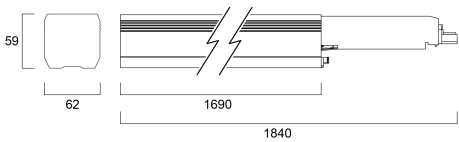
ISOLINE 1690MM 4K WD DA 8C  
0042521

|             |         |
|-------------|---------|
| Warranty    | 5 years |
| Colour Code | 840     |

Photometry



Technical drawings



Data table

GENERAL DATA

|              |                            |
|--------------|----------------------------|
| Product name | ISOLINE 1690MM 4K WD DA 8C |
| Technology   | LED                        |
| Cap/Base     | N/A                        |
| Housing      | Aluminium                  |

## ISOLINE 1690MM 4K WD DA 8C 0042521

|                                  |             |
|----------------------------------|-------------|
| Mount                            | Suspended   |
| Fixture rating                   | Enclosed    |
| Operating temperature range (°C) | 0°C...+35°C |
| Warranty                         | 5 years     |

### OPTICAL DATA

|                                 |      |
|---------------------------------|------|
| Fixture luminous flux (lm)      | 8150 |
| Luminaire efficacy (lm/W)       | 145  |
| Colour temperature (K)          | 4000 |
| Colour Code                     | 840  |
| CRI (Ra)                        | 80   |
| Colour Variation Initial (SDCM) | 3    |
| Glare control                   | < 25 |
| Photobiological Risk Group      | RG1  |

### ELECTRICAL DATA

|                                                          |                             |
|----------------------------------------------------------|-----------------------------|
| Total power consumption (W)                              | 56                          |
| Primary Supply/Product voltage - min (V)                 | 220                         |
| Electrical protection                                    | Class I                     |
| Control gear required                                    | No                          |
| Control gear type                                        | LED driver constant current |
| Drive current (mA)                                       | 250                         |
| Inrush Current (A)                                       | 28                          |
| 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)      |
| Connectable conductor cross section - Min (mm²)          | 0.5                         |
| Connectable conductor cross section - Max (mm²)          | 4                           |

### LIFETIME DATA

## ISOLINE 1690MM 4K WD DA 8C 0042521

|                  |       |
|------------------|-------|
| 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                               |
| Weight (kg)                 | 3.5                              |

### PACKAGING

|                                      |                              |
|--------------------------------------|------------------------------|
| Single packaging type                | Mix(80% carton, 20% plastic) |
| Product EAN number                   | 5410288425214                |
| Packaging single width (cm)          | 7.2                          |
| Packaging single depth (cm)          | 6.9                          |
| DUN14 (outer)                        | 05410288425214               |
| Packaging outer length / height (cm) | 185.0                        |

### SAFETY DATA

|                                     |    |
|-------------------------------------|----|
| Special purpose lamp                | No |
| Dry applications use only           | No |
| Suitable for household illumination | No |