

# ISOLINE 3380MM 4K 1.7DASY 1.7BLK

Item No: 0042558



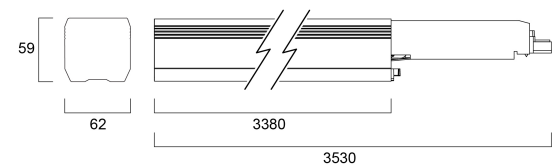
PRO



Isoline LED linear luminaire for industrial and commercial applications. 3380mm length with 1.7m blank section, with medium optics provide homogenous light distribution for wide, shelf areas. Aluminium housing, RAL 9016. Max + 35 °C operating temperature range, 4000 K, CRI 80, UGR <25, 3 SDCM. 57W power consumption, 8300lm luminous flux, 146 lm/W efficacy, 3380 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.

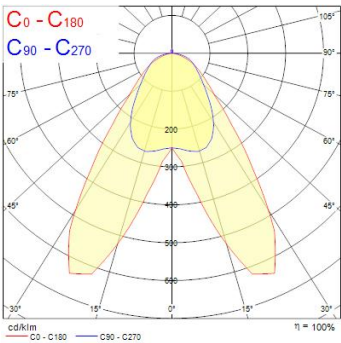
## Technical Assets

### Dimensions (mm)



### Photometrics

| Distance [m] | Cone diameter [m] | Beam angle [°] | Beam diameter [m] | Beam area [m²] | Beam flux [lm] | Beam illuminance [lx] |
|--------------|-------------------|----------------|-------------------|----------------|----------------|-----------------------|
| 0.5          | 0.90              | 73.8°          | 0.75              | 0.56           | 8300           | 14822                 |
| 1.0          | 1.80              | 73.8°          | 1.50              | 2.25           | 8300           | 3689                  |
| 1.5          | 2.70              | 73.8°          | 2.25              | 5.06           | 8300           | 1640                  |
| 2.0          | 3.60              | 73.8°          | 3.00              | 9.00           | 8300           | 9222                  |
| 2.5          | 4.50              | 73.8°          | 3.75              | 14.06          | 8300           | 5898                  |
| 3.0          | 5.40              | 73.8°          | 4.50              | 20.25          | 8300           | 4099                  |



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## General data

|                                  |                                  |
|----------------------------------|----------------------------------|
| Product name                     | ISOLINE 3380MM 4K 1.7DASY 1.7BLK |
| 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

|                                   |               |
|-----------------------------------|---------------|
| Useful luminous flux (Φuse)       | 8300          |
| Fixture luminous flux (lm)        | 8300          |
| Luminous flux (lm)                | 8300          |
| Luminaire efficacy (lm/W)         | 145           |
| Correlated colour temperature (k) | 4000          |
| Colour Code                       | 840           |
| Light colour                      | Neutral White |
| CRI (Ra)                          | 80            |
| Colour Variation Initial (SDCM)   | SDCM3         |
| Glare control                     | < 25          |
| Photobiological Risk Group        | RG1           |

## Electrical data

|                                                                  |                             |
|------------------------------------------------------------------|-----------------------------|
| Total power consumption (W)                                      | 57                          |
| Primary Supply/Product voltage - min (V)                         | 220                         |
| Primary Supply/Product voltage - max (V)                         | 240                         |
| 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 |
| Dimmable                                                         | No                          |
| Dimming method                                                   | N/A                         |
| Drive current (mA)                                               | 250                         |
| Inrush Current (A)                                               | 25                          |
| Inrush Duration (µs)                                             | 250                         |
| Energy Efficiency Class (A->G) of contained light source         | C                           |
| Nominal Frequency (Hz)                                           | 50/60Hz                     |
| LED Flickering Rate                                              | Ultra low (5% or less)      |
| Max. products per 10A C Breaker                                  | 27                          |
| Max. products per 13A C Breaker                                  | 35                          |
| Max. products per 16A C Breaker                                  | 45                          |
| Max. products per 20A C Breaker                                  | 58                          |
| Max. products per 10A B Breaker                                  | 16                          |
| Max. products per 13A B Breaker                                  | 21                          |
| Max. products per 16A B Breaker                                  | 27                          |
| Max. products per 20A B Breaker                                  | 35                          |
| Connectable conductor cross section - Min (mm²)                  | 0.5                         |
| Connectable conductor cross section - Max (mm²)                  | 4                           |

## Lifetime data

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

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## 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) | 3380                             |
| Nominal Product Width (mm)  | 62                               |
| Nominal Product Height (mm) | 59                               |
| Weight (kg)                 | 5.0                              |

## Packaging

|                                       |                |
|---------------------------------------|----------------|
| Product EAN number                    | 5410288425580  |
| Packaging single length / height (cm) | 353.0          |
| Packaging single width (cm)           | 6.5            |
| Packaging single depth (cm)           | 5.8            |
| DUN14 (inner)                         | 05410288425580 |
| Units per outer package               | 1              |
| Packaging outer length / height (cm)  | 353.0          |
| Packaging outer width (cm)            | 6.5            |
| Packaging outer depth (cm)            | 5.8            |

## Safety data

|                     |     |
|---------------------|-----|
| Glow Wire Test (°C) | 650 |
|---------------------|-----|