

# ISOLINE 3380MM 4K MD UGR 5C

Item No: 0042535

**SYLVANIA**

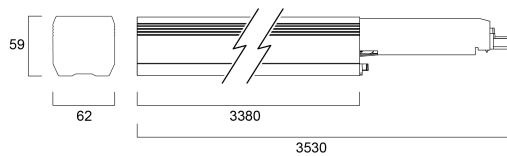
**PRO**<sup>TM</sup>



Isoline LED linear luminaire for industrial and commercial applications. 3380 mm length with medium optics provide homogenous light distribution for aisles and focus areas. Aluminium housing, RAL 9016. Max + 35 °C operating temperature range, 4000 K, CRI 80, UGR <20, 3 SDCM. 114 W power consumption, 17600 lm luminous flux, 154 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

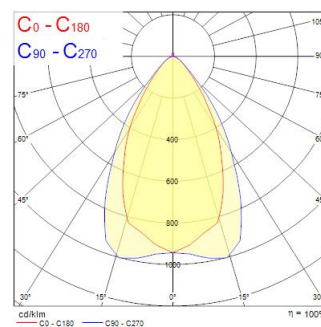
### Dimensions (mm)



### Photometrics

| Distance [m] | Cone diameter [m] | Beam angle [°] | Beam diameter [m] | Beam area [m²] | Beam flux [lm] | Beam illuminance [lx] |
|--------------|-------------------|----------------|-------------------|----------------|----------------|-----------------------|
| 0.5          | 0.54              | 60°            | 0.54              | 0.92           | 17600          | 19130                 |
| 1.0          | 1.08              | 60°            | 1.08              | 3.68           | 17600          | 4782                  |
| 1.5          | 1.62              | 60°            | 1.62              | 8.48           | 17600          | 2075                  |
| 2.0          | 2.16              | 60°            | 2.16              | 14.72          | 17600          | 1195                  |
| 2.5          | 2.70              | 60°            | 2.70              | 22.90          | 17600          | 764                   |
| 3.0          | 3.24              | 60°            | 3.24              | 32.40          | 17600          | 543                   |

Distance [m] Cone diameter [m]  
C0 - C180 (half beam angle: 90.0°)  
C90 - C270 (half beam angle: 90.0°)



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## General data

|                                  |                             |
|----------------------------------|-----------------------------|
| Product name                     | ISOLINE 3380MM 4K MD UGR 5C |
| 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)        | 17600 |
| Luminaire efficacy (lm/W)         | 154   |
| Correlated colour temperature (k) | 4000  |
| Colour Code                       | 840   |
| CRI (Ra)                          | 80    |
| Colour Variation Initial (SDCM)   | SDCM3 |
| Beam Angle (°)                    | 60    |
| Glare control                     | < 20  |
| Photobiological Risk Group        | RG1   |

## Electrical data

|                                                                  |                             |
|------------------------------------------------------------------|-----------------------------|
| Total power consumption (W)                                      | 114                         |
| Primary Supply/Product voltage - min (V)                         | 198.0                       |
| Primary Supply/Product voltage - max (V)                         | 264.0                       |
| 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                                  | 13                          |
| Max. products per 13A C Breaker                                  | 17                          |
| Max. products per 16A C Breaker                                  | 22                          |
| Max. products per 20A C Breaker                                  | 29                          |
| Max. products per 10A B Breaker                                  | 8                           |
| Max. products per 13A B Breaker                                  | 10                          |
| Max. products per 16A B Breaker                                  | 13                          |
| Max. products per 20A B Breaker                                  | 17                          |
| 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                    | 5410288425351  |
| Packaging single length / height (cm) | 353.0          |
| Packaging single width (cm)           | 6.5            |
| Packaging single depth (cm)           | 5.8            |
| DUN14 (inner)                         | 05410288425351 |
| Units per outer package               | 1              |
| Packaging outer length / height (cm)  | 354.0          |
| Packaging outer width (cm)            | 7.0            |
| Packaging outer depth (cm)            | 6.3            |

## Safety data

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