

Isoline
ISOLINE 3380MM 4K MD UGR E3 8C
0042544



Product features

- Isoline LED linear luminaire with 3hr integrated emergency function for industrial and commercial applications. 3380 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 <20, 3 SDCM. 117 W power consumption, 17600 lm luminous flux, 150 lm/W efficacy, 3380 mm x62 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 3380MM 4K MD UGR E3 8C
Technology	LED
Cap/Base	N/A
Housing	Aluminium
Mount	Suspended
Fixture rating	Enclosed
General application	Logistics & Industry
Warranty	5 years
Fixture luminous flux (lm)	17600
Luminous flux (lm)	17550
Luminaire efficacy (lm/W)	150
Colour temperature (K)	4000
Colour Code	840
Colour Variation Initial (SDCM)	SDCM3
Beam Angle (°)	60
Glare control	< 20
Photobiological Risk Group	RG1
Total power consumption (W)	117
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	5410288425443

DATA TABLE

General data	
Product name	ISOLINE 3380MM 4K MD UGR E3 8C

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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
Warranty	5 years

Optical data

Fixture luminous flux (lm)	17600
Luminous flux (lm)	17550
Luminaire efficacy (lm/W)	150
Colour temperature (K)	4000
Colour Code	840
Colour Variation Initial (SDCM)	SDCM3
Beam Angle (°)	60
Glare control	< 20
Photobiological Risk Group	RG1
Emergency duration (h)	3

Electrical data

Total power consumption (W)	117
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
Inrush Current (A)	25
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	13
Max. Luminaires per 13A C Breaker	17
Max. Luminaires per 10A B Breaker	8
Max. Luminaires per 16A B Breaker	13
Max. Luminaires per 20A B Breaker	17

Lifetime data

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

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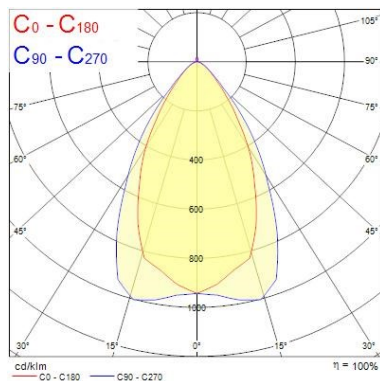
Physical data

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
Weight (kg)	6.0

Packaging

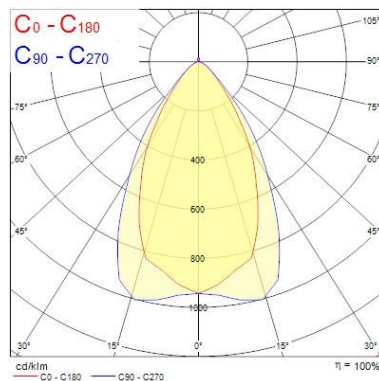
Single packaging type	Mix(80% carton, 20% plastic)
Product EAN number	5410288425443
Packaging single length / height (cm)	353.0
Packaging single width (cm)	6.5
Packaging single depth (cm)	5.8
Units per outer package	1
Packaging outer width (cm)	7.0
Packaging outer depth (cm)	6.3

PHOTOMETRY



Distance [m]	Cone diameter [m]	Illuminance [lx]
0.5	0.64 0.54	86188 2196 52071
1.0	1.27 1.08	18542 5299 5666
1.5	1.91 1.62	7352 2388 2519
2.0	2.55 2.15	4135 1325 1417
2.5	3.19 2.69	2547 848 907
3.0	3.82 3.23	1838 589 630

Distance [m] Cone diameter [m]
C0 - C180 (Half beam angle: 56.6°)
C90 - C270 (Half beam angle: 65.0°)



Distance [m]	Cone diameter [m]	Illuminance [lx]
0.5	0.64 0.54	2402 58 63
1.0	1.27 1.08	600 192 206
1.5	1.91 1.62	267 86 91
2.0	2.55 2.15	130 45 51
2.5	3.19 2.69	98 31 33
3.0	3.82 3.23	67 21 23

Distance [m] Cone diameter [m]
C0 - C180 (Half beam angle: 56.6°)
C90 - C270 (Half beam angle: 65.0°)

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TECHNICAL DRAWINGS

