

Isoline
ISOLINE 3380MM 4K WD 5C
0042533



Product features

- Isoline LED linear luminaire 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 <25, 3 SDCM. 114 W power consumption, 16300 lm luminous flux, 143 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 WD 5C
Technology	LED
Cap/Base	N/A
Housing	Aluminium
Mount	Suspended
Fixture rating	Enclosed
General application	Logistics & Industry
Warranty	5 years
Fixture luminous flux (lm)	16300
Luminous flux (lm)	16300
Luminaire efficacy (lm/W)	143
Colour temperature (K)	4000
Colour Code	840
Colour Variation Initial (SDCM)	SDCM3
Beam Angle (°)	90
Glare control	< 25
Photobiological Risk Group	RG1
Total power consumption (W)	114
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	5410288425337

DATA TABLE

General data	
Product name	ISOLINE 3380MM 4K WD 5C

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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)	16300
Luminous flux (lm)	16300
Luminaire efficacy (lm/W)	143
Colour temperature (K)	4000
Colour Code	840
Colour Variation Initial (SDCM)	SDCM3
Beam Angle (°)	90
Glare control	< 25
Photobiological Risk Group	RG1

Electrical data

Total power consumption (W)	114
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
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

Physical data

Housing colour	RAL 9016 - Traffic white / Bezel
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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)	5.0

Packaging

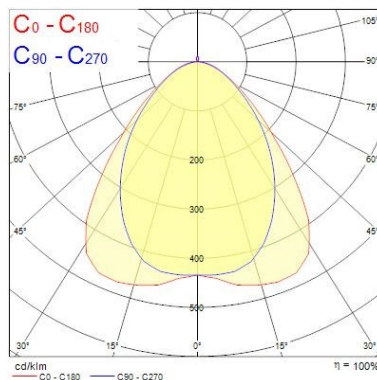
Single packaging type	Mix(80% carton, 20% plastic)
Product EAN number	5410288425337
Packaging single length / height (cm)	353.0
Packaging single width (cm)	6.5
Packaging single depth (cm)	5.8
Units per outer package	1
Packaging outer width (cm)	7.0
Packaging outer depth (cm)	6.3

PHOTOMETRY

0.5	0.96 0.96	E(0°) E(C90) E(C0)	20294 6160 5540
1.0	1.72 1.52	E(0°) E(C90) E(C0)	7074 1547 1460
1.5	2.58 2.09	E(0°) E(C90) E(C0)	3144 698 649
2.0	3.44 3.05	E(0°) E(C90) E(C0)	1768 387 355
2.5	4.30 4.01	E(0°) E(C90) E(C0)	1132 248 234
3.0	5.16 5.77	E(0°) E(C90) E(C0)	786 172 162

Distance [m] Cone diameter [m] Illuminance [lx]

— C0 - C180 (Half beam angle: 87.8°)
— C90 - C270 (Half beam angle: 81.4°)



TECHNICAL DRAWINGS

