

Isoline
ISOLINE 1690MM 4K WD 5C
0042520



Product features

- Isoline LED linear luminaire for industrial and commercial applications. 1690 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. 57 W power consumption, 8150 lm luminous flux, 143 lm/W efficacy, 1690 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.



PRODUCT OVERVIEW

Product name	ISOLINE 1690MM 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)	8150
Luminous flux (lm)	8150
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)	57
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	5410288425207

DATA TABLE

General data	
Product name	ISOLINE 1690MM 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)	8150
Luminous flux (lm)	8150
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)	57
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	27
Max. Luminaires per 13A C Breaker	35
Max. Luminaires per 10A B Breaker	16
Max. Luminaires per 16A B Breaker	27
Max. Luminaires per 20A B Breaker	35

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)	1690
Nominal Product Width (mm)	62
Weight (kg)	3.5

Packaging

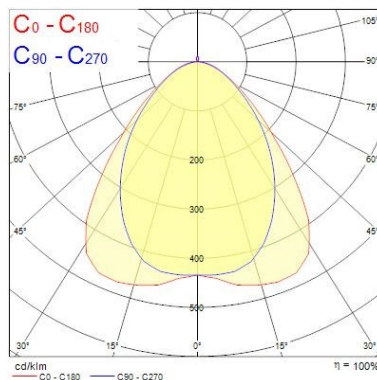
Single packaging type	Mix(80% carton, 20% plastic)
Product EAN number	5410288425207
Packaging single length / height (cm)	185.0
Packaging single width (cm)	7.2
Packaging single depth (cm)	6.9
Units per outer package	1
Packaging outer width (cm)	7.2
Packaging outer depth (cm)	6.9

PHOTOMETRY

0.5	0.96 0.96	E(0°) E(C90) E(C0)	141.67 3095 2920
1.0	1.72 1.52	E(0°) E(C90) E(C0)	3537 774 730
1.5	2.58 2.89	E(0°) E(C90) E(C0)	1572 344 324
2.0	3.44 3.85	E(0°) E(C90) E(C0)	864 190 152
2.5	4.30 4.81	E(0°) E(C90) E(C0)	568 124 117
3.0	5.16 5.77	E(0°) E(C90) E(C0)	393 88 81

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

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



TECHNICAL DRAWINGS

