

Isoline DALI
ISOLINE 1690MM 4K WD DA 8C
0042521



Product features

- Isoline LED linear DALI dimmable luminaire for industrial and commercial applications. 1690 mm length with wide optics provide homogeneous light distribution for open areas. Suitable for DALI Dimming. Aluminium housing, RAL 9016. Max + 35 °C operating temperature range, 4000 K, CRI 80, UGR <25, 3 SDCM. 56 W power consumption, 8150 lm luminous flux, 145 lm/W efficacy, 1690 mm x 62 mm x 59 mm (L x W x H) dimensions, IP20, IK03, DC 50/60 Hz, Class I. Lifespan L70:B50 60,000 hours.



PRODUCT OVERVIEW

Product name	ISOLINE 1690MM 4K WD DA 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)	8150
Luminous flux (lm)	8150
Luminaire efficacy (lm/W)	145
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)	56
Electrical protection	Class I
Control gear type	LED driver constant current
Dimmable	Yes
Dimming method	DALI
Minimum dimming level (%)	1
LED Flickering Rate	Ultra low (5% or less)
Housing colour	RAL 9016 - Traffic white / Bezel
IP rating	IP20
IK rating	IK03
Product EAN number	5410288425214

DATA TABLE

General data

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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)	145
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)	56
Mains voltage (V)	220-240V
THD (at 230 V, 50 Hz, full load, at 100% dimming level) xx.x %	5.5
Electrical protection	Class I
Control gear required	No
Control gear type	LED driver constant current
Dimmable	Yes
Dimming method	DALI
Minimum dimming level (%)	1
Inrush Current (A)	28
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 B Breaker	14
Max. Luminaires per 16A B Breaker	23

Lifetime data

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

Physical data

Housing colour	RAL 9016 - Traffic white / Bezel
IP rating	IP20
IK rating	IK03

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ISOLINE 1690MM 4K WD DA 8C

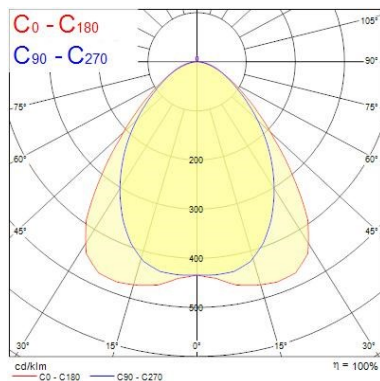
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IK rating of sensor	IK03
Diffuser finish	Transparent
Diffuser material	PMMA Acrylic
Nominal Product Length (mm)	1690
Nominal Product Width (mm)	62
Weight (kg)	3.5

Packaging

Single packaging type	Mix(80% carton, 20% plastic)
Product EAN number	5410288425214
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



Distance [m]	Cone diameter [m]	Beam diameter [m]	Beam diameter [ft]	Illuminance [lx]
0.5	0.96	0.96	40.7"	14147
1.0	1.92	1.92	40.7"	3537
1.5	2.88	2.88	40.7"	1572
2.0	3.84	3.84	40.7"	984
2.5	4.80	4.81	40.7"	624
3.0	5.76	5.77	40.7"	390

Distance [m]

Cone diameter [m]

Beam diameter [m]

Beam diameter [ft]

Illuminance [lx]

C0 - C180 (Half beam angle: 87.8°)

C90 - C270 (Half beam angle: 81.4°)

TECHNICAL DRAWINGS

