



Features

• Isoline LED linear DALI dimmable luminaire with 3hr integrated emergency function 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. 59 W power consumption, 8150 lm luminous flux, 138 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.

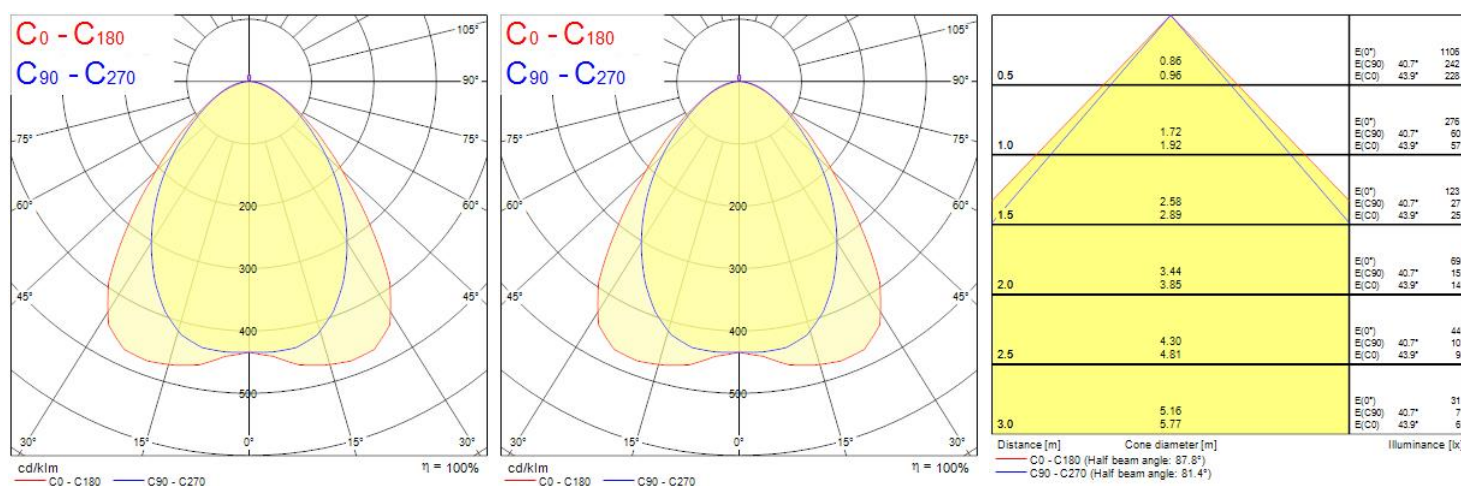
Product Overview

Product name	ISOLINE 1690MM 4K WD DA 8C E3
Technology	LED
Cap/Base	N/A
Housing	Aluminium
Mount	Suspended
Fixture rating	Enclosed
General application	Logistics & Industry
ETIM Class	EC000986
Fixture luminous flux (lm)	8150
Luminous flux (lm)	8150
Luminaire efficacy (lm/W)	138
Colour temperature (K)	4000
CRI (Ra)	80
Colour Variation Initial (SDCM)	3
Beam Angle (°)	90
Glare control	< 25
Photobiological Risk Group	RG1
Luminous flux (emergency) (lm)	637
Total power consumption (W)	59
Electrical protection	Class I

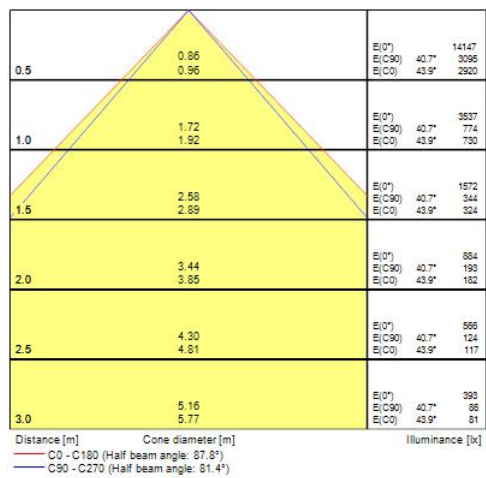
ISOLINE 1690MM 4K WD DA 8C E3 0042531

Control gear type	LED driver constant current
Dimmable	Yes
Minimum dimming level (%)	1
LED Flickering Rate	Ultra low (5% or less)
Housing colour	RAL9016
IP rating	IP20
IK rating	IK03
Product EAN number	5410288425313
Warranty	5 years
Colour Code	840
Dimming method	DALI

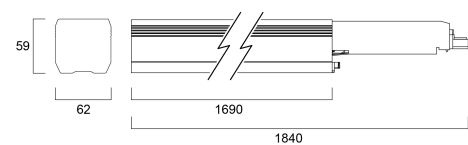
Photometry



ISOLINE 1690MM 4K WD DA 8C E3
0042531



Technical drawings



Data table

GENERAL DATA

Product name	ISOLINE 1690MM 4K WD DA 8C E3
Technology	LED
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Mount	Suspended
Fixture rating	Enclosed
General application	Logistics & Industry
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ETIM Class	EC000986
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OPTICAL DATA

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Luminous flux (emergency) (lm)	637
Emergency duration (h)	3

ELECTRICAL DATA

Total power consumption (W)	59
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
Transformer required	No
Dimmable	Yes
Dimming method	DALI
Minimum dimming level (%)	1
Drive current (mA)	250
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)

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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	RAL9016
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
Nominal Product Height (mm)	59
Weight (kg)	4.5

PACKAGING

Single packaging type	Mix(80% carton, 20% plastic)
Product EAN number	5410288425313
Packaging single length / height (cm)	185.0
Packaging single width (cm)	7.2
Packaging single depth (cm)	6.9
DUN14 (outer)	05410288425313
Units per outer package	1
Packaging outer length / height (cm)	185.0
Packaging outer width (cm)	7.2
Packaging outer depth (cm)	6.9

SAFETY DATA



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Special purpose lamp	No
Dry applications use only	No
Suitable for household illumination	No