



Features

• Isoline LED linear luminaire with 3hr integrated emergency function 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. 60 W power consumption, 8150 lm luminous flux, 136 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.

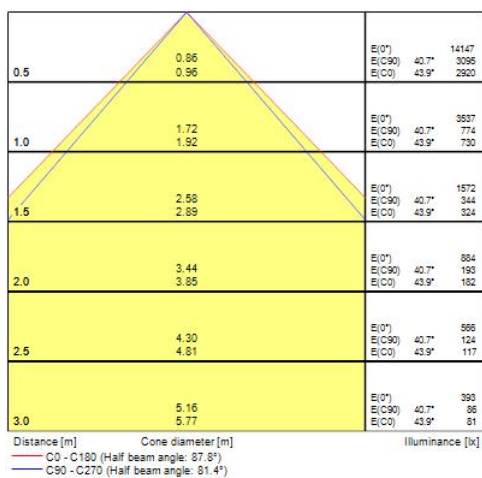
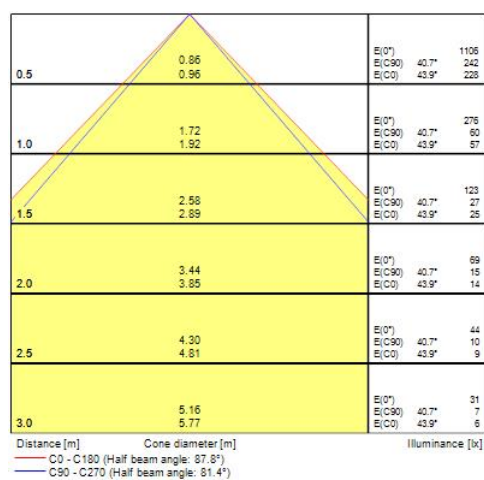
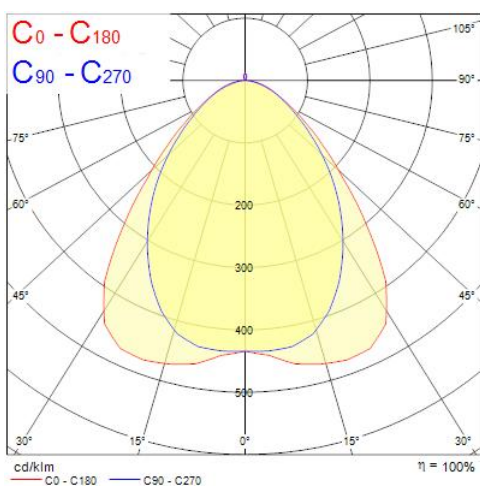
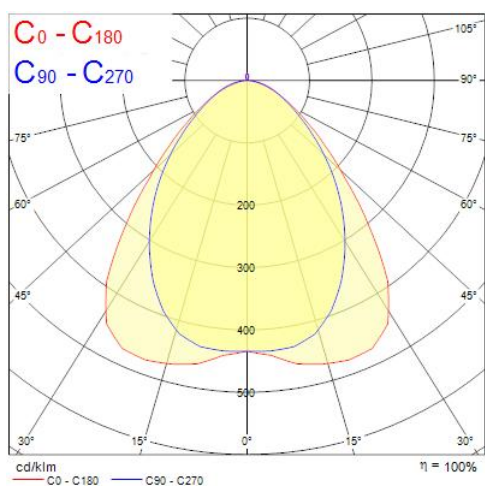
Product Overview

Product name	ISOLINE 1690MM 4K WD E3 8C
Technology	LED
Cap/Base	N/A
Housing	Aluminium
Mount	Suspended
Fixture rating	Enclosed
Fixture luminous flux (lm)	8150
Luminaire efficacy (lm/W)	136
Colour temperature (K)	4000
CRI (Ra)	80
Colour Variation Initial (SDCM)	3
Glare control	< 25
Photobiological Risk Group	RG1
Total power consumption (W)	60
Electrical protection	Class I
Control gear type	LED driver constant current
LED Flickering Rate	Ultra low (5% or less)
Housing colour	RAL9016
IP rating	IP20
IK rating	IK03
Product EAN number	5410288425306

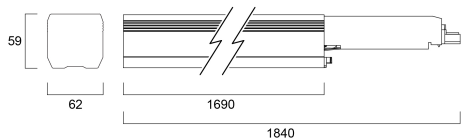
ISOLINE 1690MM 4K WD E3 8C
0042530

Warranty	5 years
Colour Code	840

Photometry



Technical drawings



Data table

GENERAL DATA

Product name	ISOLINE 1690MM 4K WD E3 8C
Technology	LED
Cap/Base	N/A
Housing	Aluminium
Mount	Suspended
Fixture rating	Enclosed
Operating temperature range (°C)	0°C...+35°C
Warranty	5 years

OPTICAL DATA

Fixture luminous flux (lm)	8150
Luminaire efficacy (lm/W)	136
Colour temperature (K)	4000
Colour Code	840
CRI (Ra)	80
Colour Variation Initial (SDCM)	3
Glare control	< 25
Photobiological Risk Group	RG1
Emergency duration (h)	3

ELECTRICAL DATA

ISOLINE 1690MM 4K WD E3 8C 0042530

Total power consumption (W)	60
Primary Supply/Product voltage - min (V)	220
Lamp power factor	0.95
Electrical protection	Class I
Control gear required	No
Control gear type	LED driver constant current
Drive current (mA)	250
Inrush Current (A)	25
Inrush Duration (µs)	250
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. products per 10A C Breaker	27
Max. products per 20A B Breaker	35
Connectable conductor cross section - Min (mm²)	0.5
Connectable conductor cross section - Max (mm²)	4

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



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Nominal Product Width (mm)	62
Weight (kg)	4.5

PACKAGING

Single packaging type	Mix(80% carton, 20% plastic)
Product EAN number	5410288425306
Packaging single width (cm)	7.2
Packaging single depth (cm)	6.9
DUN14 (outer)	05410288425306
Packaging outer length / height (cm)	185.0

SAFETY DATA

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