



Features

• Isoline LED linear luminaire for industrial and commercial applications. 1690 mm lenght with medium optics provide homogenous light distribution for aisles and focus areas. Aluminium housing, RAL 9016. Max + 35 °C operating temperature range, 4000 K, CRI 80, UGR <20, 3 SDCM. 57 W power consumption, 8800 lm luminous flux, 154 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.

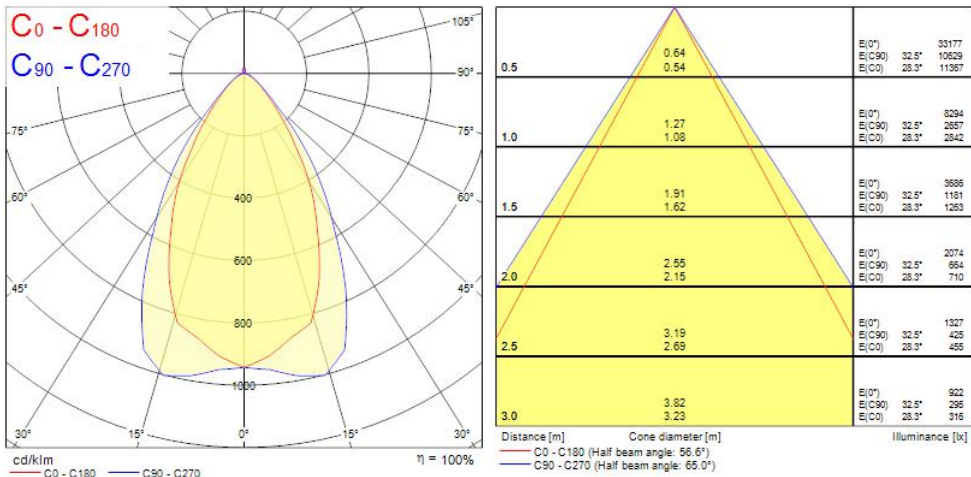
Product Overview

Product name	ISOLINE 1690MM 4K MD UGR 5C
Technology	LED
Cap/Base	N/A
Housing	Aluminium
Mount	Suspended
Fixture rating	Enclosed
Fixture luminous flux (lm)	8800
Luminaire efficacy (lm/W)	154
Colour temperature (K)	4000
CRI (Ra)	80
Colour Variation Initial (SDCM)	3
Glare control	< 20
Photobiological Risk Group	RG1
Total power consumption (W)	57
Electrical protection	Class I
Control gear type	LED driver constant current
LED Flickering Rate	Ultra low (5% or less)
Housing colour	RAL 9016 - Traffic white / Bezel
IP rating	IP20
IK rating	IK03
Product EAN number	5410288425221

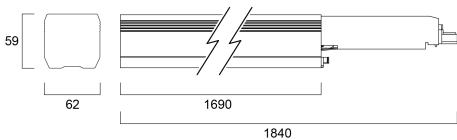
ISOLINE 1690MM 4K MD UGR 5C
0042522

Warranty	5 years
Colour Code	840

Photometry



Technical drawings



Data table

GENERAL DATA

Product name	ISOLINE 1690MM 4K MD UGR 5C
Technology	LED
Cap/Base	N/A
Housing	Aluminium

ISOLINE 1690MM 4K MD UGR 5C 0042522

Mount	Suspended
Fixture rating	Enclosed
Operating temperature range (°C)	0°C...+35°C
Warranty	5 years

OPTICAL DATA

Fixture luminous flux (lm)	8800
Luminaire efficacy (lm/W)	154
Colour temperature (K)	4000
Colour Code	840
CRI (Ra)	80
Colour Variation Initial (SDCM)	3
Glare control	< 20
Photobiological Risk Group	RG1

ELECTRICAL DATA

Total power consumption (W)	57
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

ISOLINE 1690MM 4K MD UGR 5C 0042522

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	RAL 9016 - Traffic white / Bezel
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	5410288425221
Packaging single width (cm)	7.2
Packaging single depth (cm)	6.9
DUN14 (outer)	05410288425221
Packaging outer length / height (cm)	185.0

SAFETY DATA

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