

# ISOLINE 1690MM 4K WD DA 8C E3

Code article 0042531

**SYLVANIA**

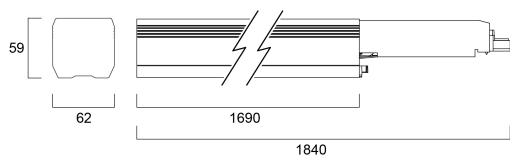
**PRO**<sup>TM</sup>



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.

## Atouts techniques

### Dimensions (mm)

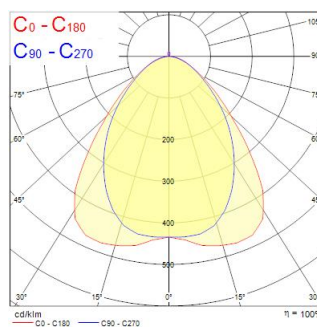


### Photométrie

0.5	0.86 0.86	E17 E180 E180	1106 242 242
1.0	1.72 1.82	E17 E180 E180	229 50 50
1.5	2.58 2.89	E17 E180 E180	133 24 24
2.0	3.44 3.85	E17 E180 E180	89 12 12
2.5	4.30 4.81	E17 E180 E180	66 9 9
3.0	5.16 5.77	E17 E180 E180	51 7 7

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

— C0 - C180 (Half beam angle: 81.9°)  
— C90 - C270 (Half beam angle: 81.4°)



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## Données générales

Nom du produit	ISOLINE 1690MM 4K WD DA 8C E3
Technologie	LED
Cap/Base	N/A
Housing	Aluminium
Montage	Suspended
Fixture rating	Enclosed
General application	Logistics & Industry
Operating temperature range (°C)	0°C...+30°C
ETIM Class	EC000986
Warranty	5 ans

## Données optiques

Fixture luminous flux (lm)	8150
Luminaire efficacy (lm/W)	138
Température de couleur (K)	4000
Colour Code	840
IRC (Ra)	80
Colour Variation Initial (SDCM)	SDCM3
Beam Angle (°)	90
Glare control	< 25
Photobiological Risk Group	RG1

## Caractéristiques électriques

Emergency duration (h)	3
Consommation électrique totale (W)	59
Primary Supply/Product voltage - min (V)	220
Primary Supply/Product voltage - max (V)	240
THD (at 230 V, 50 Hz, full load, at 100% dimming level) ≤ xx.x %	5.5
Electrical protection	Class I
Control gear required	No
Type d'appareillage	LED driver constant current
Dimmable	Yes
Dimming method	DALI
Minimum dimming level (%)	1
Drive current (mA)	250
Courant d'appel (A)	28
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 B Breaker	14
Max. products per 16A B Breaker	23
Connectable conductor cross section - Min (mm <sup>2</sup> )	0.5
Connectable conductor cross section - Max (mm <sup>2</sup> )	4

## Durée de vie

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

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## Données physiques

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
Longueur (mm)	1690
Largeur (mm)	62
Nominal Product Height (mm)	59
Poids (kg)	4.5

## Emballage

Product EAN number	5410288425313
Longueur simple de l'emballage (cm)	185.0
Largeur simple de l'emballage (cm)	7.2
Packaging single depth (cm)	6.9
DUN14 (inner)	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

## Sécurité

Glow Wire Test (°C)	650
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