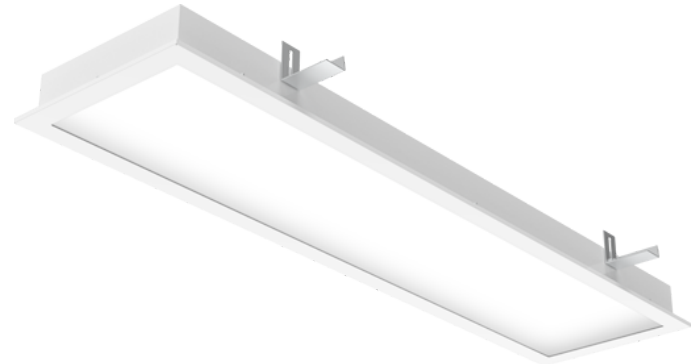


# PANEL IP66 CR R 598R MSG L3 4990LM 840 DALI

Item No: 0042766

**SYLVANIA**

LiteGuard™



PANEL IP66 CR R 598R MSG L3 4990LM 840 DALI is a recessed LED lighting fixture designed for clean areas in hospitals, laboratories, microelectronics production, food industry, clean screwless design for easy cleaning with rounded edges of the frame eliminates the sediments and bacteriums creation, powder coated steel body with white finishing (RAL9016), diffuser made of matt tempered safety glass, 1198x298x79mm luminaire dimensions, 4990lm luminous flux, 37W system power, 135lm/W efficacy, CRI Ra>80 4000K CCT light source, suitable for ambient temperatures from -20°C up to 60°C, lifespan: L80B10 70000h @Ta 30°C, L70B10 100000hr @ Ta 30°C, certified for clean areas in compliance with ISO 14644-1 class 2-9, minimum height of mounting space is 200 mm, electrical connection by means of ADELS connector, maximum cross section of wires 2,5 mm<sup>2</sup>, impact protection IK08, ingress protection rating IP66/IP50 upper side of the luminaire, electrical protection Class I, DALI dimmable driver, 5 years warranty.

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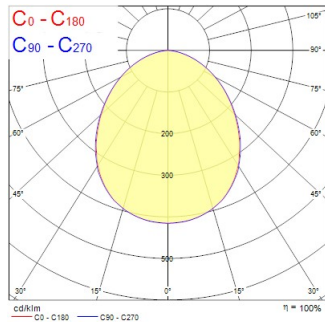
## Technical Assets

### Photometrics

Distance [m]	Cone diameter [m]	Illuminance [lx]
0.5	1.13 1.12	8298 1203 1222
1.0	2.27 2.24	2074 301 305
1.5	3.40 3.37	902 134 138
2.0	4.54 4.49	510 75 78
2.5	5.67 5.61	332 48 49
3.0	6.81 6.73	230 33 34

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

— C0 - C180 (Half beam angle: 96.6°)  
— C90 - C270 (Half beam angle: 97.2°)



### General data

Product name	PANEL IP66 CR R 598R MSG L3 4990LM 840 DALI
Technology	LED
Cap/Base	N/A
Housing	Steel
Mount	Ceiling recessed mounting
Built in presence detector	NONE
General application	Logistics & Industry
Operating temperature range (°C)	-20°C...+60°C
Virtual assistant compatibility	N/A
ETIM Class	EC002892
Warranty	5 years

### Optical data

Fixture luminous flux (lm)	4990
Luminaire efficacy (lm/W)	135
Correlated colour temperature (k)	4000
Light colour	Neutral White
CRI (Ra)	80
Colour Variation Initial (SDCM)	SDCM3
Beam Angle (°)	100
Distribution type	Symmetric
Glare control	< 22
Photobiological Risk Group	RG0

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## Electrical data

Emergency type	
Total power consumption (W)	37
Primary Supply/Product voltage - min (V)	240.0
Primary Supply/Product voltage - max (V)	220.0
Lamp power factor	0.98
THD (at 230 V, 50 Hz, full load, at 100% dimming level) ≤ xx.x %	9
Electrical protection	Class I
Control gear type	LED driver constant current
Dimmable	Yes
Dimming method	DALI-2
Inrush Current (A)	22.4
Inrush Duration (µs)	176
Energy Efficiency Class (A->G) of contained light source	B
Nominal Frequency (Hz)	50/60Hz
Max. products per 10A C Breaker	21
Max. products per 16A C Breaker	36
Max. products per 16A B Breaker	22
Connectable conductor cross section - Min (mm <sup>2</sup> )	0.5
Connectable conductor cross section - Max (mm <sup>2</sup> )	2.5

## Lifetime data

Lifespan L70 B50 | 100000

## Physical data

Housing colour	RAL 9016 - Traffic white / Bezel
IP rating	IP66
IK rating	IK08
Diffuser finish	Opal
Diffuser material	Safety tempered glass
Nominal Product Length (mm)	1198
Nominal Product Width (mm)	298
Nominal Product Height (mm)	79
Weight (kg)	11.5

## Packaging

Product EAN number	5410288427669
Packaging single length / height (cm)	127.5
Packaging single width (cm)	34.0
Packaging single depth (cm)	9.5
DUN14 (inner)	05410288427669
Units per outer package	1
Packaging outer length / height (cm)	127.5
Packaging outer width (cm)	34.0
Packaging outer depth (cm)	9.5

## Safety data

Glow Wire Test (°C)	850
Optimal operating condition (°C)	-20-60