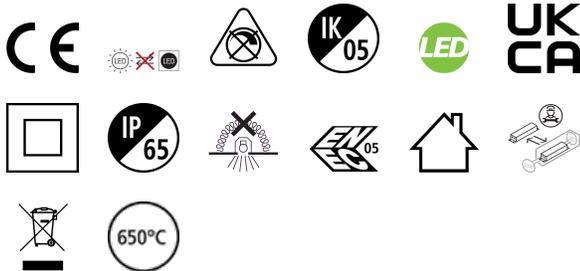# Panel IP65 CR UGR19 1200x300 4300lm 840 WH
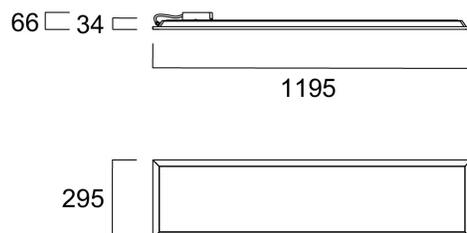
Code article 0042786

SYLVANIA

LiteGuard™

The Panel IP65 CR is a range of backlit LED panels tested by 3rd party to ensure they meet ISO 14644-1 Class 3-9 cleanroom classification. Ideal for healthcare, hospitals, laboratories and pharmaceutical industry, it meets the IFS requirements by offering impact resistant cover and good cleanability. Easy-to-clean luminaires with a high protection class to avoid vapors and dust entry. Low glaring UGR<19. RG0, 100-degree beam angle, optical system: prismatic diffuser with powder coating finish. Tp(b) rated diffuser that may not burn at a speed of more than 50mm per minute. Light color temperature: 4000K Cool White, total system power: 36W, total fixture output: 4300lm, efficacy: 119lm/W, Ra80 typical, LED chromaticity: 3 step MacAdam ellipse (SDCM3), lifespan: 100,000 hours at 70% of the original output (L70B50), operating voltage: 220-240V / 50-60Hz, low flicker, non-dimmable IP65 driver, electrical protection: Class II. Degree of Protection: IP65 (both front and back) - able to protect against water jets. Nominal size: 1195x295mm, Loop in / loop out wiring with accessory box, safety cables included, 34mm nominal height, White color frame, weight: 2.3kg. For using EM kits 0046600-01 please order connector 0047523.

Atouts techniques

Dimensions (mm)

66 □ 34 □

1195

295

Photométrie

Distance [m]	Cone diameter [m]			Illuminance [lx]
0.5	1.01	E(0°)		7998
		E(C0)	45.2°	1408
1.0	2.01	E(0°)		1999
		E(C0)	45.2°	352
1.5	3.02	E(0°)		889
		E(C0)	45.2°	156
2.0	4.03	E(0°)		500
		E(C0)	45.2°	88
2.5	5.04	E(0°)		320
		E(C0)	45.2°	56
3.0	6.04	E(0°)		222
		E(C0)	45.2°	39

— C0 - C180 (Half beam angle: 90.4°)

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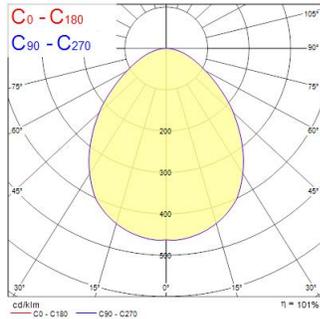
Données générales

Nom du produit	Panel IP65 CR UGR19 1200x300 4300lm 840 WH
Technologie	LED
Cap/Base	N/A
Housing	Steel
Montage	Ceiling recessed mounting
Built in presence detector	NONE
General application	Education, Logistics & Industry, Office
Operating temperature range (°C)	-10°C...+40°C
Virtual assistant compatibility	N/A
ETIM Class	EC002892
Numéro virtuel FI	4279583
Warranty	5 ans

Données optiques

Fixture luminous flux (lm)	4300
Luminaire efficacy (lm/W)	119
Température de couleur (K)	4000
Colour Code	840
Couleur de lumière	Neutral White
IRC (Ra)	80
Colour Variation Initial (SDCM)	SDCM3
Beam Angle (°)	100
Distribution type	Symmetric
Glare control	< 19
Photobiological Risk Group	RG0

Caractéristiques électriques

Consommation électrique totale (W)	36
Primary Supply/Product voltage - min (V)	220.0
Primary Supply/Product voltage - max (V)	240.0
Lamp power factor	0.9
THD (at 230 V, 50 Hz, full load, at 100% dimming level) ≤ xx.x %	10.0
Electrical protection	Class II
Type d'appareillage	LED driver constant current
Dimmable	No
Dimming method	N/A
Drive current (mA)	950
Courant d'appel (A)	15
Inrush Duration (µs)	290
Energy Efficiency Class (A->G) of contained light source	D
Nominal Frequency (Hz)	50/60Hz
LED Flickering Rate	Ultra low (5% or less)
Max. products per 10A C Breaker	26
Max. products per 16A C Breaker	40
Max. products per 16A B Breaker	24
Connectable conductor cross section - Max (mm²)	1.5

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Durée de vie

Lifespan L70 B50	100000
Lifespan L70 B20	100000
Lifespan L70 B10	100000
Lifespan L80 B50	85000
Lifespan L80 B20	83000
Lifespan L80 B10	82000
Lifespan L90 B50	35000
Lifespan L90 B20	34500
Lifespan L90 B10	34000

Emballage

Product EAN number	5410288427867
Longueur simple de l'emballage (cm)	30.0
Largeur simple de l'emballage (cm)	3.9
Packaging single depth (cm)	126.5
DUN14 (inner)	15410288427864
Units per outer package	23
Packaging outer length / height (cm)	128.5
Packaging outer width (cm)	98.0
Packaging outer depth (cm)	33.0

Données physiques

Housing colour	RAL 9003 - Signal white
IP rating	IP65
IK rating	IK05
Diffuser finish	Prismatic
Diffuser material	PS Polystyrene
Longueur (mm)	1195
Largeur (mm)	295
Nominal Product Height (mm)	34
Poids (kg)	2.5

Sécurité

Glow Wire Test (°C)	650
Condition de fonctionnement optimal (° C)	-10-40