START Panel UGR19 600x600 DALI 3800Lm 830

Item No: 0042851

SYLVANIA

Technical Assets

Dimensions (mm)

55 · 25 · 9

595

595

Photometrics

Distance [m]	Cone diameter [m]		Illuminance [lx]	
0.5	0.92 / 0.82	E(0°) / E(C90) 42.5° / E(C0) 39.5°	7731 / 1553 / 1785	
1.0	1.83 / 1.65	E(0°) / E(C90) 42.5° / E(C0) 39.5°	1933 / 388 / 446	
1.5	2.75 / 2.47	E(0°) / E(C90) 42.5° / E(C0) 39.5°	859 / 173 / 198	
2.0	3.67 / 3.30	E(0°) / E(C90) 42.5° / E(C0) 39.5°	483 / 97 / 112	
2.5	4.58 / 4.12	E(0°) / E(C90) 42.5° / E(C0) 39.5°	309 / 62 / 71	
3.0	5.50 / 4.95	E(0°) / E(C90) 42.5° / E(C0) 39.5°	215 / 43 / 50	

C0 - C180 (Half beam angle: 79.0°)
C90 - C270 (Half beam angle: 85.0°)

$C_0 - C_{180}$
$C_{90} - C_{270}$

cd/klm   η = 100%
C0 - C180   C90 - C270

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General data

Product name	START Panel UGR19 600x600 DALI 3800Lm 830
Technology	LED (3 SDCM)
Cap/Base	N/A
Housing	Aluminium, Steel
Mount	Ceiling recessed mounting
General application	Education, Office
Operating temperature range (°C)	-10°C...+45°C
Performance ambient temperature Tq (°C)	25
ETIM Class	EC002892
E-number FI	4278464
Warranty	5 years

Optical data

Fixture luminous flux (lm)	3800
Luminaire efficacy (lm/W)	106
Correlated colour temperature (k)	3000
Light colour	Warm White
CRI (Ra)	80
Colour Variation Initial (SDCM)	SDCM3
Beam Angle (°)	90
Distribution type	Symmetric
Glare control	< 19
Photobiological Risk Group	RG0

Electrical data

Total power consumption (W)	36
Primary Supply/Product voltage - min (V)	220
Lamp power factor	0.9
Electrical protection	Class II
Control gear type	LED driver constant current
Dimming method	DALI
Drive current (mA)	680
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	51
Max. products per 13A C Breaker	66
Max. products per 16A C Breaker	81
Max. products per 20A C Breaker	102
Max. products per 20A B Breaker	68
Connectable conductor cross section - Max (mm²)	1.5

Lifetime data

Lifespan L70 B50	100000
Lifespan L80 B20	71000

Physical data

Housing colour	RAL 9003 - Signal white
IP rating	IP40/20
IK rating	IK03
Diffuser finish	Diffuse
Diffuser material	Other
Nominal Product Length (mm)	595
Nominal Product Width (mm)	595
Nominal Product Height (mm)	25
Weight (kg)	1.948

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Packaging

Product EAN number	5410288428512
Packaging single width (cm)	3.8
Packaging single depth (cm)	68.8
DUN14 (inner)	15410288428519
Packaging outer length / height (cm)	60.0

Safety data

Glow Wire Test (°C)	650
Optimal operating condition (°C)	-10-45