

START Panel Flat UGR19 600x600

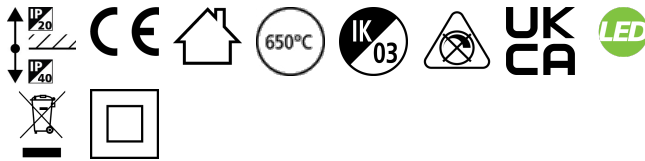
START FLAT PANEL UGR19 600 4000K G2

0047430



Product features

- Edge lit LED flat low glare panel (UGR<19). Low Flicker, 33 W, Neutral White, 4000 K, 3400 lumens, 103 lm/W, 50000 hours lifetime (L70), PMMA opal diffuser, aluminium frame, steel body, electronic non dimmable driver. (HxWxD) 10.5 x 595 x 595 mm



PRODUCT OVERVIEW

Product name	START FLAT PANEL UGR19 600 4000K G2
Technology	LED
Housing	Aluminium
Mount	Ceiling recessed mounting
Environment	Interior
General application	Education, Office
ETIM Class	EC002892
E-number FI	4274151
Warranty	5 years
Fixture luminous flux (lm)	3400
Luminaire efficacy (lm/W)	103
Colour temperature (K)	4000
Light colour	Neutral White
CRI (Ra)	80
Colour Variation Initial (SDCM)	SDCM3
Beam Angle (°)	90
Glare control	< 19
Photobiological Risk Group	RG0
Total power consumption (W)	33
Electrical protection	Class II
Control gear type	Electronic ballast
Dimmable	No
LED Flickering Rate	Ultra low (5% or less)
Housing colour	White
IP rating	IP40/20
IK rating	IK03
Product EAN number	5410288474304

DATA TABLE

General data

Product name	START FLAT PANEL UGR19 600 4000K G2
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Technology	LED
Housing	Aluminium
Mount	Ceiling recessed mounting
Environment	Interior
General application	Education, Office
Operating temperature range (°C)	-10°C - 40°C
Performance ambient temperature Tq (°C)	25
ETIM Class	EC002892
E-number FI	4274151
Warranty	5 years

Optical data

Fixture luminous flux (lm)	3400
Luminaire efficacy (lm/W)	103
Colour temperature (K)	4000
Light colour	Neutral White
CRI (Ra)	80
Colour Variation Initial (SDCM)	SDCM3
Beam Angle (°)	90
Glare control	< 19
Photobiological Risk Group	RG0

Electrical data

Total power consumption (W)	33
Mains voltage (V)	220-240V~
Lamp power factor	0.9
Electrical protection	Class II
Control gear type	Electronic ballast
Dimmable	No
Drive current (mA)	900
Inrush Current (A)	14
Inrush Duration (µs)	450
Glow Wire Test (°C)	650
Nominal Frequency (Hz)	50/60Hz
LED Flickering Rate	Ultra low (5% or less)
Max. Luminaires per 10A C Breaker	25

Lifetime data

Lifespan L70 B50	50000
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Physical data

Housing colour	White
IP rating	IP40/20
IK rating	IK03
Diffuser finish	Prismatic
Diffuser material	PMMA Acrylic
Nominal Product Length (mm)	595
Nominal Product Width (mm)	595

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Nominal Product Height (mm)	10.5
Weight (kg)	2.994

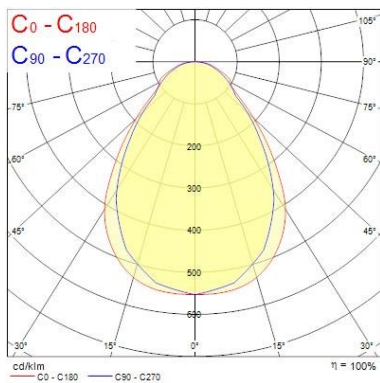
Packaging

Single packaging type	Carton
Product EAN number	5410288474304
Packaging single length / height (cm)	68.8
Packaging single width (cm)	63.0
Packaging single depth (cm)	3.8
DUN14 (outer)	15410288474301
Units per outer package	2
Packaging outer length / height (cm)	70.9
Packaging outer width (cm)	65.3
Packaging outer depth (cm)	10.6

Safety data

Optimal operating condition (°C)	-10-40
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PHOTOMETRY



Distance [m]	Cone diameter [m]	E ₀ [lx]	E ₁ [lx]	E ₂ [lx]	E ₃ [lx]
0.5	0.76 0.85	7588	1911	1597	1597
1.0	1.52 1.69	1897	478	424	424
1.5	2.29 2.54	843	212	189	189
2.0	3.05 3.38	474	119	106	106
2.5	3.81 4.23	304	76	68	68
3.0	4.57 5.07	211	53	47	47

Distance [m] Cone diameter [m] Illuminance [lx]
 C0 - C180 (Half beam angle: 80.4°)
 C90 - C270 (Half beam angle: 74.6°)

TECHNICAL DRAWINGS

