

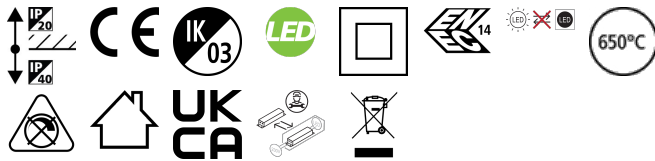
## START Panel Flat UGR19 625x625

START Panel Flat UGR19 625x625 4000Lm 840  
0047245



### Product features

- Edge lit LED flat panel with low glare (UGR<19). Low Flicker, 40 W, Neutral White, 4000 K, 4000 lumens, 100 lm/W, Average lifespan: 120.000Hrs, prismatic diffuser, aluminium frame, steel body, electronic non dimmable driver. (HxWxD) 10 x 621 x 621 mm



## PRODUCT OVERVIEW

Product name	START Panel Flat UGR19 625x625 4000Lm 840
Technology	LED
Housing	Aluminium
Mount	Ceiling recessed mounting, Ceiling surface mounting, Suspended
Environment	Interior
General application	Education, Office
ETIM Class	EC002892
Warranty	5 years
Fixture luminous flux (lm)	4,100
Luminaire efficacy (lm/W)	103
Colour temperature (K)	4000
Light colour	Neutral White
CRI (Ra)	80
Colour Variation Initial (SDCM)	SDCM5
Beam Angle (°)	90
Glare control	< 19
Photobiological Risk Group	RG0
Total power consumption (W)	40
Electrical protection	Class II
Control gear type	LED driver constant current
Dimmable	No
LED Flickering Rate	Ultra low (5% or less)
Housing colour	RAL 9003 - Signal white
IP rating	IP40/20
IK rating	IK03
Product EAN number	5410288472454

## DATA TABLE

### General data

Product name	START Panel Flat UGR19 625x625 4000Lm 840
Technology	LED
Housing	Aluminium
Mount	Ceiling recessed mounting, Ceiling surface mounting, Suspended

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Environment	Interior
General application	Education, Office
Operating temperature range (°C)	-20°C - 40°C
Performance ambient temperature T <sub>q</sub> (°C)	25
ETIM Class	EC002892
Warranty	5 years

### Optical data

Fixture luminous flux (lm)	4,100
Luminaire efficacy (lm/W)	103
Colour temperature (K)	4000
Light colour	Neutral White
CRI (Ra)	80
Colour Variation Initial (SDCM)	SDCM5
Beam Angle (°)	90
Distribution type	Symmetric
Glare control	< 19
Photobiological Risk Group	RG0

### Electrical data

Total power consumption (W)	40
Mains voltage (V)	220-240V~
Lamp power factor	0.9
THD (at 230 V, 50 Hz, full load, at 100% dimming level) xx.x %	15.0
Electrical protection	Class II
Control gear type	LED driver constant current
Dimmable	No
Drive current (mA)	980
Inrush Current (A)	10
Inrush Duration (µs)	100
Glow Wire Test (°C)	650
Energy Efficiency Class (A->G) of contained light source	D
Nominal Frequency (Hz)	50/60Hz
LED Flickering Rate	Ultra low (5% or less)
Max. Luminaires per 10A C Breaker	55
Max. Luminaires per 13A C Breaker	70
Max. Luminaires per 16A C Breaker	85
Max. Luminaires per 20A C Breaker	110

### Lifetime data

Lifespan L70 B50	120000
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### Physical data

Housing colour	RAL 9003 - Signal white
IP rating	IP40/20
IK rating	IK03
Diffuser finish	Prismatic

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Nominal Product Length (mm)	621
Nominal Product Width (mm)	621
Nominal Product Height (mm)	10
Weight (kg)	2.778
Recessed Depth (mm)	38

### Packaging

Single packaging type	Carton
Product EAN number	5410288472454
Packaging single length / height (cm)	65.5
Packaging single width (cm)	4.4
Packaging single depth (cm)	70.0
DUN14 (outer)	15410288472451
Units per outer package	2
Packaging outer length / height (cm)	67.5
Packaging outer width (cm)	10.8
Packaging outer depth (cm)	72.0

### Safety data

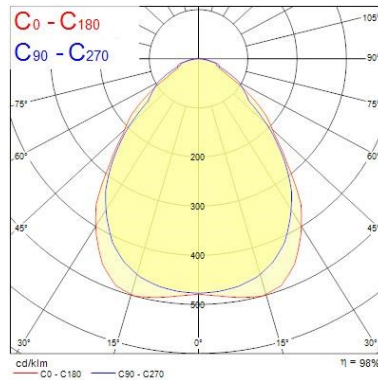
Optimal operating condition (°C)	-20-40
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## PHOTOMETRY

Distance [m]	Cone diameter [m]	E(0°)	E(C90)	E(C0)
0.5	0.52 0.51	7779	1559	1638
1.0	1.03 1.03	1943	390	410
1.5	2.75 2.74	864	170	182
2.0	3.67 3.65	488	97	102
2.5	4.58 4.57	311	62	66
3.0	5.50 5.49	216	43	46

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

— C0 - C180 (Half beam angle: 84.8°)  
— C90 - C270 (Half beam angle: 85.0°)



## TECHNICAL DRAWINGS

