

## Start Flat Panel LED UGR19

START FLAT PANEL UGR19 600 3000K DALI G2

0047636



### Product features

- Edge lit LED flat low glare panel (UGR<19). Low Flicker, 33 W, Warm White, 3000 K, 3400 lumens, 103 lm/W, 50000 hours lifetime (L70), PMMA opal diffuser, aluminium frame, steel body, DALI dimmable driver. (HxWxD) 10.5 x 595 x 595 mm



## PRODUCT OVERVIEW

IPC Code	0047636
Product name	START FLAT PANEL UGR19 600 3000K DALI G2
Technology	LED
Housing	Aluminium
Mount	Ceiling recessed
Environment	Internal
General application	Education, Hospitality, Office, Retail
Certifications	EUNEW008
ETIM Class	EC002892
E-number FI	4274160
Fixture luminous flux (lm)	3400
Luminaire efficacy (lm/W)	103
Colour temperature (K)	3000
Light colour	Warm White
CRI (Ra)	80
Colour Variation Initial (SDCM)	3
Glare control	<19
Photobiological Risk Group	RG0
Total power consumption (W)	33
Electrical protection	Class II
Control gear type	Electronic
Dimmable	Yes
LED Flickering Rate	Ultra low (5% or less)
Average life (Nominal) (h)	50000
Housing colour	White
IP rating	IP40/20
IK rating	IK03
Product EAN number	5410288476360
Lamps	Yes
Included lamp	INTEGRATED LED

## DATA TABLE

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### General data

IPC Code	0047636
Product name	START FLAT PANEL UGR19 600 3000K DALI G2
Technology	LED
Housing	Aluminium
Mount	Ceiling recessed
Environment	Internal
General application	Education,Hospitality,Office,Retail
Certifications	EUNEW008
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### Optical data

Fixture luminous flux (lm)	3400
Luminaire efficacy (lm/W)	103
Colour temperature (K)	3000
Light colour	Warm White
CRI (Ra)	80
Colour Variation Initial (SDCM)	3
Beam angle (Rated) (°)	90
Glare control	<19
Photobiological Risk Group	RG0

### Electrical data

Total power consumption (W)	33
Mains voltage (V)	220-240V~
Lamp power factor	0.98
Electrical protection	Class II
Control gear type	Electronic
Dimmable	Yes
Drive current (mA)	900
Inrush Current (A)	23.3
Inrush Duration (µs)	192
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
Max. Luminaires per 10A B Breaker	15
Max. Luminaires per 16A B Breaker	24

### Lifetime data

Lumen maintenance - L70 B50	50000
Average life (Nominal) (h)	50000

### Physical data

Housing colour	White
IP rating	IP40/20
IK rating	IK03
Diffuser material	PMMA

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Nominal Product Length (mm)	595
Nominal Product Width (mm)	595
Nominal Product Height (mm)	10.5
Weight (kg)	3.03

### Packaging

Single packaging type	Carton
Product EAN number	5410288476360
Packaging single length / height (cm)	68.6
Packaging single width (cm)	62.5
Packaging single depth (cm)	3.3
DUN14 (outer)	15410288476367
Units per outer package	2
Packaging outer length / height (cm)	71.1
Packaging outer width (cm)	65.7
Packaging outer depth (cm)	10.0

### Safety data

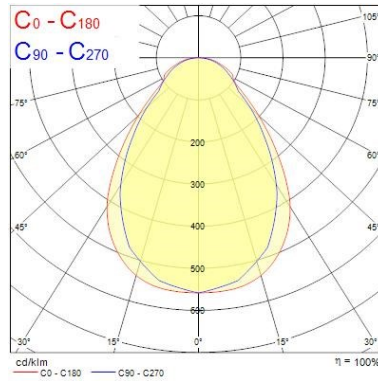
Optimal operating condition (°C)	-10-40
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## PHOTOMETRY

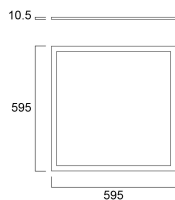
Distance [m]	Cone diameter [m]	E(0°)	E(C90)	E(C0)
0.5	0.75 0.85	7311	37.0° 1885	40.3° 1623
1.0	1.51 1.70	1828	37.0° 466	40.3° 407
1.5	2.26 2.54	812	37.0° 207	40.3° 181
2.0	3.01 3.39	457	37.0° 117	40.3° 102
2.5	3.77 4.24	292	37.0° 79	40.3° 66
3.0	4.52 5.09	203	37.0° 52	40.3° 45

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

— C0 - C180 (Half beam angle: 80.6°)  
— C90 - C270 (Half beam angle: 74.0°)



## TECHNICAL DRAWINGS





## Start Flat Panel LED UGR19

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**SYLVANIA** 0047636


 This luminaire contains built in LED lamps.

 } **LED**


The lamps cannot be changed in the luminaire.

874/2012 

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 } **LED**

The lamps cannot be changed in the luminaire.

**SYLVANIA** 0047636  874/2012