

START PANEL IP44 UGR19 TW 625x625 4300LM DALI DT8
0042709



Features

• START Panel IP44 Tunable White is a range of backlit LED panels with adjustable colour temperature ranging from 3000-5700K. Ideal for general indoor applications such as corridors, breakrooms, offices and meeting rooms. Luminaire dimensions are compatible with common ceiling installation, and the shallow design makes it easy to install in low ceilings. Nominal size 625x625mm, 4320Lm; 36W; 120Lm/W; Average lifespan: 100.000Hrs; CRI 80; Glare control <19; IK03; IP44 (from the front); SDCM<3; Class II; Loop in loop out connector for quick installation. Tp(a) rated diffuser. DALI DT8 dimmable driver (dual channel).

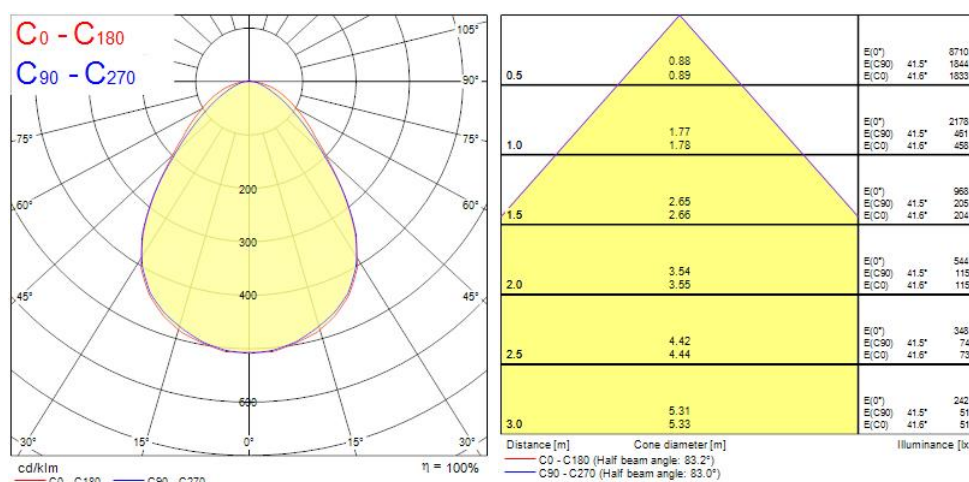
Product Overview

Product name	START PANEL IP44 UGR19 TW 625x625 4300LM DALI DT8
Technology	LED
Cap/Base	N/A
Housing	Steel
Mount	Ceiling recessed mounting
General application	Education, Hospitality, Logistics & Industry, Office
ETIM Class	EC002892
Fixture luminous flux (lm)	4320
Luminaire efficacy (lm/W)	120
Colour temperature (K)	4000
Light colour	Tuneable White
CRI (Ra)	80
Colour Variation Initial (SDCM)	3
Beam Angle (°)	85
Glare control	< 19
Photobiological Risk Group	RG0

START PANEL IP44 UGR19 TW 625x625 4300LM DALI DT8 0042709

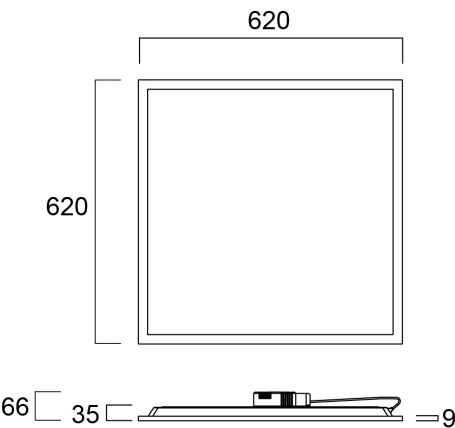
Total power consumption (W)	36
Electrical protection	Class II
Control gear type	LED driver constant current
Dimmable	Yes
Minimum dimming level (%)	5
LED Flickering Rate	Ultra low (5% or less)
Housing colour	RAL 9003 - Signal white
IP rating	IP44/20
IK rating	IK03
Product EAN number	5410288427096
Warranty	5 years
Colour Code	N/A
Dimming method	DALI-2

Photometry



START PANEL IP44 UGR19 TW 625x625 4300LM DALI DT8
0042709

Technical drawings



Data table

GENERAL DATA

Product name	START PANEL IP44 UGR19 TW 625x625 4300LM DALI DT8
Technology	LED
Cap/Base	N/A
Housing	Steel
Mount	Ceiling recessed mounting
General application	Education, Hospitality, Logistics & Industry, Office
Operating temperature range (°C)	-10°C...+45°C
ETIM Class	EC002892
Warranty	5 years

OPTICAL DATA

Fixture luminous flux (lm)	4320
Luminaire efficacy (lm/W)	120
Colour temperature (K)	4000
Correlated colour temperature range (K)	3000 - 5700

START PANEL IP44 UGR19 TW 625x625 4300LM DALI DT8 0042709

Colour Code	N/A
Light colour	Tuneable White
CRI (Ra)	80
Colour Variation Initial (SDCM)	3
Beam Angle (°)	85
Distribution type	Symmetric
Glare control	< 19
Photobiological Risk Group	RG0

ELECTRICAL DATA

Total power consumption (W)	36
Mains voltage (V)	220-240V
Lamp power factor	0.9
THD (at 230 V, 50 Hz, full load, at 100% dimming level) $\leq$ xx.x %	15.0
Electrical protection	Class II
Control gear required	No
Control gear type	LED driver constant current
Dimmable	Yes
Dimming method	DALI-2
Minimum dimming level (%)	5
Drive current (mA)	900
Inrush Current (A)	60
Inrush Duration (µs)	100
Glow Wire Test (°C)	650
Energy Efficiency Class (A->G) of contained light source	C
Nominal Frequency (Hz)	50/60Hz
LED Flickering Rate	Ultra low (5% or less)
Max. Luminaires per 16A C Breaker	35
Max. Luminaires per 16A B Breaker	35

LIFETIME DATA

Lifespan L70 B50	100000
------------------	--------

START PANEL IP44 UGR19 TW 625x625 4300LM DALI DT8 0042709

Lifespan L80 B20	61000
------------------	-------

PHYSICAL DATA

Housing colour	RAL 9003 - Signal white
IP rating	IP44/20
IK rating	IK03
Diffuser finish	Diffuse
Diffuser material	PS Polystyrene
Nominal Product Length (mm)	620
Nominal Product Width (mm)	620
Nominal Product Height (mm)	35
Weight (kg)	2.29

PACKAGING

Single packaging type	Carton
Product EAN number	5410288427096
Packaging single length / height (cm)	62.5
Packaging single width (cm)	3.8
Packaging single depth (cm)	71.0
DUN14 (outer)	15410288427093
Units per outer package	4
Packaging outer length / height (cm)	76.0
Packaging outer width (cm)	17.0
Packaging outer depth (cm)	67.0

SAFETY DATA

Optimal operating condition (°C)	-10-45
Special purpose lamp	No
Dry applications use only	No
Suitable for household illumination	No