

START Panel IP65 UGR19 600x600

START Panel IP65 UGR19 600x600 4400lm 940 WHT 0042692

Product features



The START Panel IP65 is a range of backlit LED panels used in recessed ceilings. Ideal for healthcare, hospitals, laboratories and pharmaceutical industry, it meets the IFS requirements by offering impact resistant cover and good cleanability. Easy-to-clean luminaires with a high protection class to avoid vapors and dust entry. Low glaring UGR<19. RG0, 100-degree beam angle, optical system: prismatic diffuser with powder coating finish. Light color temperature: 4000K Cool White, total system power: 44W, total fixture output: 4400lm, efficacy: 100lm/W, Ra90 typical, LED chromaticity: 3 step MacAdam ellipse (SDCM3), lifespan: 100,000 hours at 70% of the original output (L70B50), operating voltage: 220-240V / 50-60Hz, low flicker, non-dimmable IP65 driver, electrical protection: Class II. Degree of Protection: IP65 (both front and back) - able to protect against water jets. Nominal size: 595x595mm, Loop in / loop out wiring with accessory box, safety cables included, 34mm nominal height, White color frame, weight: 2.2kg.























PRODUCT OVERVIEW

Product name	START Panel IP65 UGR19 600x600 4400lm 940 WHT
Technology	LED
Cap/Base	N/A
Housing	Steel
Mount	Ceiling recessed mounting
General application	Education, Logistics & Industry, Office
ETIM Class	EC002892
Warranty	5 years
Fixture luminous flux (lm)	4400
Luminaire efficacy (Im/W)	100
Colour temperature (K)	4000
Colour Code	940
Light colour	Neutral White
CRI (Ra)	90
Colour Variation Initial (SDCM)	SDCM3
Beam Angle (°)	100
Glare control	< 19
Photobiological Risk Group	RG0
Total power consumption (W)	44
Electrical protection	Class II
Control gear type	LED driver constant current
Dimmable	No
Dimming method	N/A
LED Flickering Rate	Ultra low (5% or less)
Housing colour	RAL 9003 - Signal white
IP rating	IP65
IK rating	IK03
Product EAN number	5410288426921



START Panel IP65 UGR19 600x600 START Panel IP65 UGR19 600x600 4400lm 940 WHT

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DATA TABLE

Product name START Panel IP65 UGR19 600x600 4400lm 940 WHT Technology LED Cap/Base N/A Housing Steel Mount Ceiling recessed mounting General application Education, Logistics & Industry, Office Operating temperature range (*C) -10°C +40°C ETIM Class EC002892 Warranty 5 years Optical data Fixture luminous flux (Im) 4400 Luminaire efficacy (Im/W) 100 Colour Code 940 Light colour Neutral White CRI (Ra) 90 Colour Variation Initial (SDCM) SDCM3 Beam Angle (*) 100 Distribution type Symmetric Glare control < 19	General data	
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Distribution type Glare control < 19 Photobiological Risk Group Electrical data Total power consumption (W) 44 Mains voltage (V) 220-240V Lamp power factor 0.9 THD (at 230 V, 50 Hz, full load, at 100% dimming level) xx.x % Electrical protection Class II Control gear type LED driver constant current Dimmable No Dimming method N/A Drive current (mA) 1100 Inrush Current (A) 15 Inrush Duration (µs) 290 Glow Wire Test (°C) 650 Energy Efficiency Class (A->G) of contained light source Nominal Frequency (Hz) 50/60Hz LED Flickering Rate Ultra low (5% or less) Max. Luminaires per 16A C Breaker 40 Max. Luminaires per 16A B Breaker 24 Lifetime data	Colour Variation Initial (SDCM)	SDCM3
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Inrush Current (A) 15 Inrush Duration (µs) 290 Glow Wire Test (°C) 650 Energy Efficiency Class (A->G) of contained light source Nominal Frequency (Hz) 50/60Hz LED Flickering Rate Ultra low (5% or less) Max. Luminaires per 16A C Breaker 40 Max. Luminaires per 16A B Breaker 24 Lifetime data	Total power consumption (W) Mains voltage (V) Lamp power factor THD (at 230 V, 50 Hz, full load, at 100% dimming level) xx.x % Electrical protection Control gear type	220-240V 0.9 10.0 Class II LED driver constant current
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LED Flickering Rate Ultra low (5% or less) Max. Luminaires per 16A B Breaker Lifetime data Ultra low (5% or less) 40 24	Total power consumption (W) Mains voltage (V) Lamp power factor THD (at 230 V, 50 Hz, full load, at 100% dimming level) xx.x % Electrical protection Control gear type Dimmable Dimming method Drive current (mA) Inrush Current (A) Inrush Duration (µs)	220-240V 0.9 10.0 Class II LED driver constant current No N/A 1100 15 290
LED Flickering Rate Ultra low (5% or less) Max. Luminaires per 16A B Breaker Lifetime data Ultra low (5% or less) 40 24	Total power consumption (W) Mains voltage (V) Lamp power factor THD (at 230 V, 50 Hz, full load, at 100% dimming level) xx.x % Electrical protection Control gear type Dimmable Dimming method Drive current (mA) Inrush Current (A) Inrush Duration (µs) Glow Wire Test (°C) Energy Efficiency Class (A->G) of	220-240V 0.9 10.0 Class II LED driver constant current No N/A 1100 15 290 650
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Lifespan L70 B50 100000	Total power consumption (W) Mains voltage (V) Lamp power factor THD (at 230 V, 50 Hz, full load, at 100% dimming level) xx.x % Electrical protection Control gear type Dimmable Dimming method Drive current (mA) Inrush Current (A) Inrush Duration (µs) Glow Wire Test (°C) Energy Efficiency Class (A->G) of contained light source Nominal Frequency (Hz) LED Flickering Rate Max. Luminaires per 16A C Breaker	220-240V 0.9 10.0 Class II LED driver constant current No N/A 1100 15 290 650 E 50/60Hz Ultra low (5% or less) 40
	Total power consumption (W) Mains voltage (V) Lamp power factor THD (at 230 V, 50 Hz, full load, at 100% dimming level) xx.x % Electrical protection Control gear type Dimmable Dimming method Drive current (mA) Inrush Current (A) Inrush Duration (µs) Glow Wire Test (°C) Energy Efficiency Class (A->G) of contained light source Nominal Frequency (Hz) LED Flickering Rate Max. Luminaires per 16A C Breaker Max. Luminaires per 16A B Breaker	220-240V 0.9 10.0 Class II LED driver constant current No N/A 1100 15 290 650 E 50/60Hz Ultra low (5% or less) 40

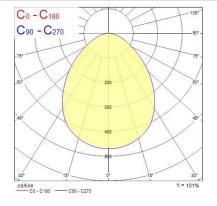


START Panel IP65 UGR19 600x600 START Panel IP65 UGR19 600x600 4400lm 940 WHT 0042692

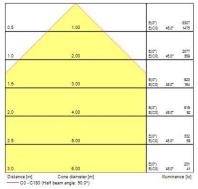
Lifespan L80 B20	83000
Physical data	
Housing colour	RAL 9003 - Signal white
IP rating	IP65
IK rating	IK03
Diffuser finish	Prismatic
Diffuser material	Other
Nominal Product Length (mm)	595
Nominal Product Width (mm)	595
Nominal Product Height (mm)	34
Weight (kg)	2.2
Packaging	
Single packaging type	Carton
Product EAN number	5410288426921
Packaging single length / height (cm)	59.5
Packaging single width (cm)	59.5
Packaging single depth (cm)	3.43
DUN14 (outer)	15410288426928
Units per outer package	4
Packaging outer length / height (cm)	64.7
Packaging outer width (cm)	29.0
Packaging outer depth (cm)	70.0
Safety data	

-10-40

PHOTOMETRY



Optimal operating condition (°C)



TECHNICAL DRAWINGS



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