



Features

• START Panel IP54 is a range of recessed integrated LED panels for general indoor lighting applications such as breakout areas, offices and meeting rooms. With the help of DIP Switch multiple lumen outputs can be set up in 8 steps (13W 1500lm, 16W 1975lm, 19W 2375lm, 23W 2850lm, 25W 3050lm, 29W 3500lm, 32W 3850lm, 36W 4350lm). Max. drive current: 165mA; Max. power: 36W; Average lifespan: 100.000Hrs; 3000K; CRI 80; Efficacy up to: 121Lm/W; Fixture lumen up to: 4350lm; Glare control <19; IK03; IP54 (from the front); Class II

Product Overview

Product name	START PANEL IP54 MLTPWR U19 600 4350LM 830
Technology	LED
Cap/Base	N/A
Housing	Steel
Mount	Ceiling recessed mounting
E-number FI	4276987
Fixture luminous flux (lm)	4350
Luminaire efficacy (lm/W)	121
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)	36
Electrical protection	Class II
Control gear type	Electronic ballast multiwatt
LED Flickering Rate	Ultra low (5% or less)
Housing colour	RAL 9016 - Traffic white / Bezel
IP rating	IP54/20

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0047992

IK rating

IK03

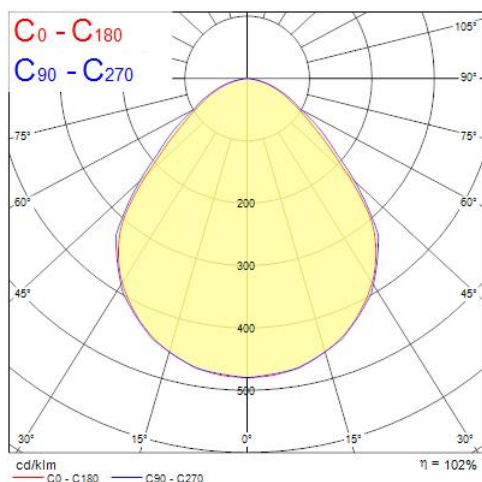
Product EAN number

5410288479927

Warranty

5 years

Photometry



Distance [m]	Cone diameter [m]	E (0°) E (C90) E (C0)	2833 480 508
0.5	1.04 1.01	E (0°) E (C90) E (C0)	46.2° 480 45.2° 508
1.0	2.09 2.01	E (0°) E (C90) E (C0)	46.2° 721 120 129
1.5	3.13 3.02	E (0°) E (C90) E (C0)	46.2° 320 53 56
2.0	4.17 4.03	E (0°) E (C90) E (C0)	46.2° 180 30 32
2.5	5.21 5.04	E (0°) E (C90) E (C0)	46.2° 115 15 20
3.0	6.26 6.04	E (0°) E (C90) E (C0)	46.2° 80 13 14

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

— C0 - C180 (Half beam angle: 90.4°)
— C90 - C270 (Half beam angle: 92.4°)

Distance [m]	Cone diameter [m]	E (0°)	E (C90)	E (C0)	Illuminance [lx]
0.5	1.04 1.01	3800 630	45.2° 45.2°	45.2° 666	
1.0	2.09 2.01	950 150	45.2° 45.2°	45.2° 160	
1.5	3.13 3.02	420 70	45.2° 45.2°	45.2° 70	
2.0	4.17 4.03	230 40	45.2° 45.2°	45.2° 40	
2.5	5.21 5.04	150 20	45.2° 45.2°	45.2° 20	
3.0	6.26 6.04	100 10	45.2° 45.2°	45.2° 10	

Distance [m] Cone diameter [m]

— C0 - C180 (Half beam angle: 90.4°)
— C90 - C270 (Half beam angle: 92.4°)

Illuminance [lx]

Distance [m]	Cone diameter [m]	E(0°) E(C90) E(C0)	Illuminance [lx]
0.5	1.04 1.01	46.2° 3784 45.2° 628	
1.0	2.09 2.01	46.2° 946 45.2° 157	
1.5	3.13 3.02	46.2° 420 45.2° 70	
2.0	4.17 4.03	46.2° 236 45.2° 39	
2.5	5.21 5.04	46.2° 151 45.2° 25	
3.0	6.26 6.04	46.2° 105 45.2° 17	

Distance [m]	Cone diameter [m]	E(0°)	E(C90)	E(C0)	Illuminance [lx]
0.5	1.04 1.01	5490	46.2° 912	45.2° 962	
1.0	2.09 2.01	1372	46.2° 229	45.2° 241	
1.5	3.13 3.02	610	46.2° 101	45.2° 107	
2.0	4.17 4.03	343	46.2° 57	45.2° 60	
2.5	5.21 5.04	220	46.2° 36	45.2° 38	
3.0	6.26 6.04	152	46.2° 26	45.2° 27	

— C0 - C180 (Half beam angle: 90.4°)
 — C90 - C270 (Half beam angle: 92.4°)

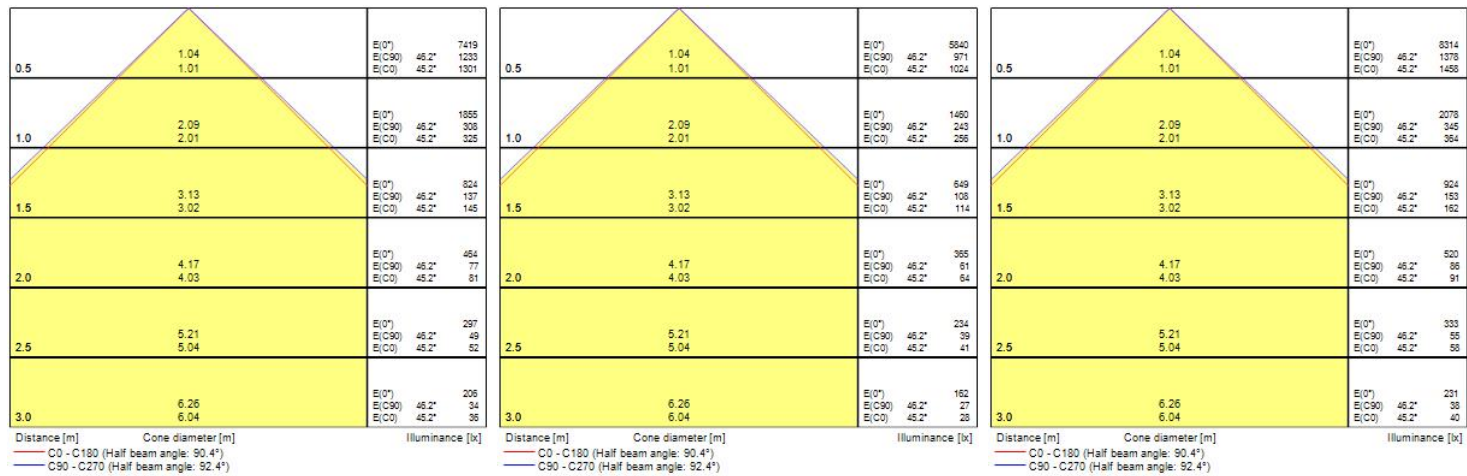
Distance [m]	Cone diameter [m]	E [0°] E (C90) E (C0)	6750 1128 1185
0.5	1.04 1.01	E [0°] E (C90) E (C0)	45.1° 45.1° 45.2°
1.0	2.08 2.01	E [0°] E (C90) E (C0)	45.1° 45.1° 45.2°
1.5	3.12 3.02	E [0°] E (C90) E (C0)	45.1° 45.1° 45.2°
2.0	4.16 4.03	E [0°] E (C90) E (C0)	45.1° 45.1° 45.2°
2.5	5.20 5.04	E [0°] E (C90) E (C0)	45.1° 45.1° 45.2°
3.0	6.23 6.04	E [0°] E (C90) E (C0)	45.1° 45.1° 45.2°

Distance [m] Cone diameter [m]

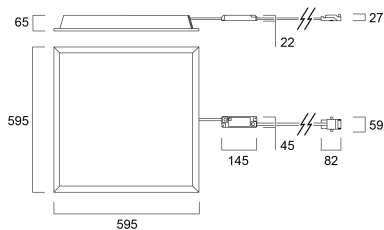
— C0 - C180 (Half beam angle: 90.4°)
— C90 - C270 (Half beam angle: 92.2°)

Illuminance [lx]

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Technical drawings



Data table

GENERAL DATA

Product name	START PANEL IP54 MLTPWR U19 600 4350LM 830
Technology	LED
Cap/Base	N/A
Housing	Steel
Mount	Ceiling recessed mounting
Operating temperature range (°C)	-10°C...+40°C
Performance ambient temperature Tq (°C)	25



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E-number FI	4276987
Warranty	5 years

OPTICAL DATA

Fixture luminous flux (lm)	4350
Luminaire efficacy (lm/W)	121
Colour temperature (K)	3000
Light colour	Warm White
CRI (Ra)	80
Colour Variation Initial (SDCM)	3
Glare control	< 19
Photobiological Risk Group	RG0

ELECTRICAL DATA

Total power consumption (W)	36
Primary Supply/Product voltage - min (V)	220
Lamp power factor	0.95
Electrical protection	Class II
Control gear required	No
Control gear type	Electronic ballast multiwatt
Drive current (mA)	165
Inrush Current (A)	22
Inrush Duration (µs)	250
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. products per 10A C Breaker	38
Connectable conductor cross section - Max (mm²)	1.5

LIFETIME DATA

Lifespan L70 B50	100000
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START PANEL IP54 MLTPWR U19 600 4350LM 830
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Lifespan L80 B20	71000
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PHYSICAL DATA

Housing colour	RAL 9016 - Traffic white / Bezel
IP rating	IP54/20
IK rating	IK03
Diffuser finish	Prismatic
Diffuser material	PC Polycarbonate
Nominal Product Length (mm)	595
Nominal Product Width (mm)	595
Weight (kg)	2.594
Recessed Depth (mm)	100

PACKAGING

Single packaging type	Carton
Product EAN number	5410288479927
Packaging single width (cm)	7.0
Packaging single depth (cm)	61.0
Packaging inner length / height (cm)	63.0
Packaging inner width (cm)	61.5
Packaging inner depth (cm)	8.2
DUN14 (outer)	05410288479927
Packaging outer length / height (cm)	63.0

SAFETY DATA

Optimal operating condition (°C)	-10-40
Special purpose lamp	No
Dry applications use only	No
Suitable for household illumination	No