

START Panel IP54 625x625

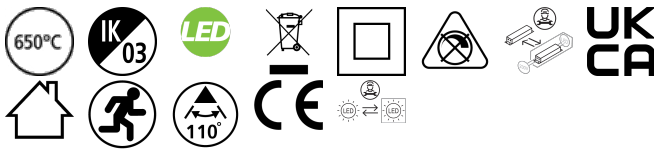
START PANEL IP54 MLTPWR 625 5100LM 840

0047995



Product 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 1825lm, 16W 2275lm, 19W 2750lm, 22W 3200lm, 26W 3750lm, 29W 4200lm, 32W 4650lm, 35W 5100lm). Max. drive current: 165mA; Max. power: 35W; Average lifespan: 100.000Hrs; 4000K; CRI 80; Efficacy up to: 146Lm/W; Fixture lumen up to: 5100lm; IK03; IP44 (from the front); Class II



PRODUCT OVERVIEW

Product name	START PANEL IP54 MLTPWR 625 5100LM 840
Technology	LED
Cap/Base	N/A
Housing	Steel
Mount	Ceiling recessed mounting
General application	Education, Office
ETIM Class	EC002892
Warranty	5 years
Fixture luminous flux (lm)	5100
Luminaire efficacy (lm/W)	146
Colour temperature (K)	4000
Light colour	Neutral White
CRI (Ra)	80
Colour Variation Initial (SDCM)	SDCM3
Beam Angle (°)	110
Glare control	< 25
Photobiological Risk Group	RG0
Total power consumption (W)	35
Electrical protection	Class II
Control gear type	Electronic ballast multiwatt
Dimmable	No
LED Flickering Rate	Ultra low (5% or less)
Housing colour	RAL 9016 - Traffic white / Bezel
IP rating	IP54/20
IK rating	IK03
Product EAN number	5410288479958

DATA TABLE

General data

Product name	START PANEL IP54 MLTPWR 625 5100LM 840
Technology	LED

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Cap/Base	N/A
Housing	Steel
Mount	Ceiling recessed mounting
General application	Education, Office
Operating temperature range (°C)	-10°C - 40°C
Performance ambient temperature Tq (°C)	25
ETIM Class	EC002892
Warranty	5 years

Optical data

Fixture luminous flux (lm)	5100
Luminaire efficacy (lm/W)	146
Colour temperature (K)	4000
Light colour	Neutral White
CRI (Ra)	80
Colour Variation Initial (SDCM)	SDCM3
Beam Angle (°)	110
Distribution type	Symmetric
Glare control	< 25
Photobiological Risk Group	RG0

Electrical data

Total power consumption (W)	35
Mains voltage (V)	220-240V~
Lamp power factor	0.95
THD (at 230 V, 50 Hz, full load, at 100% dimming level) xx.x %	16.0
Electrical protection	Class II
Control gear required	No
Control gear type	Electronic ballast multiwatt
No. Of switching cycles before premature failures	>100000
Transformer required	No
Dimmable	No
Drive current (mA)	165
Inrush Current (A)	22
Inrush Duration (µs)	250
Glow Wire Test (°C)	650
Nominal Frequency (Hz)	50/60Hz
LED Flickering Rate	Ultra low (5% or less)
Max. Luminaires per 10A C Breaker	38
Max. Luminaires per 13A C Breaker	48
Max. Luminaires per 16A C Breaker	60
Max. Luminaires per 20A C Breaker	75
Max. Luminaires per 16A B Breaker	21

Lifetime data

Lifespan L70 B50	100000
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	Opal
Diffuser material	PC Polycarbonate
Nominal Product Length (mm)	620
Nominal Product Width (mm)	620
Nominal Product Height (mm)	65
Weight (kg)	2.5
Recessed Depth (mm)	100

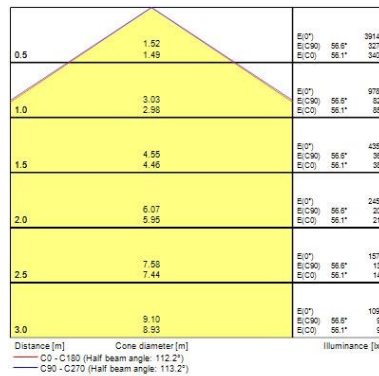
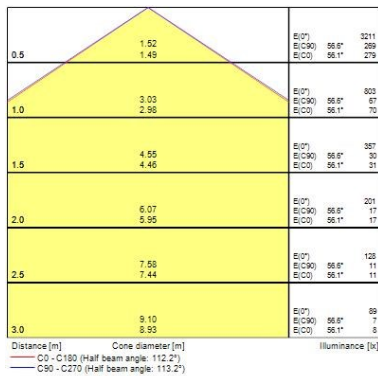
Packaging

Single packaging type	Carton
Product EAN number	5410288479958
Packaging single length / height (cm)	63.5
Packaging single width (cm)	63.0
Packaging single depth (cm)	7.5
Packaging inner length / height (cm)	65.5
Packaging inner width (cm)	64.0
Packaging inner depth (cm)	8.2
DUN14 (outer)	05410288479958
Units per outer package	20
Packaging outer length / height (cm)	129.0
Packaging outer width (cm)	81.0
Packaging outer depth (cm)	65.0

Safety data

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



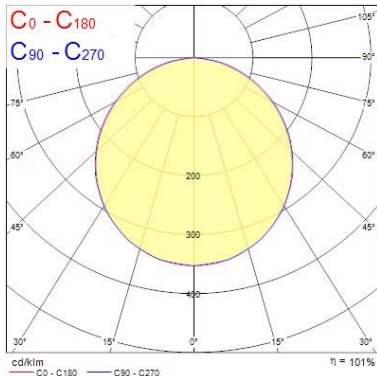
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Distance [m]	Cone diameter [m]	E ₀ [lx]	E _{1(C90)} [lx]	E _{2(C0)} [lx]
0.5	1.51 1.48	5323	56.4° 56.0°	487
1.0	3.01 2.97	1331	56.4° 56.0°	117
1.5	4.52 4.45	591	56.4° 56.0°	52
2.0	6.02 5.93	333	56.4° 56.0°	29
2.5	7.53 7.41	213	56.4° 56.0°	19
3.0	9.03 8.90	148	56.4° 56.0°	13

Distance [m] Cone diameter [m] Illuminance [lx]
 --- C0 - C180 (Half beam angle: 112.0°)
 --- C90 - C270 (Half beam angle: 112.8°)

Distance [m]	Cone diameter [m]	E ₀ [lx]	E _{1(C90)} [lx]	E _{2(C0)} [lx]
0.5	1.52 1.49	2999	56.7° 56.1°	233
1.0	3.04 2.98	642	56.7° 56.1°	58
1.5	4.57 4.46	285	56.7° 56.1°	24
2.0	6.09 5.95	161	56.7° 56.1°	14
2.5	7.61 7.44	103	56.7° 56.1°	9
3.0	9.13 8.93	71	56.7° 56.1°	6

Distance [m] Cone diameter [m] Illuminance [lx]
 --- C0 - C180 (Half beam angle: 112.2°)
 --- C90 - C270 (Half beam angle: 113.4°)



Distance [m]	Cone diameter [m]	E ₀ [lx]	E _{1(C90)} [lx]	E _{2(C0)} [lx]
0.5	1.52 1.48	4534	56.8° 56.0°	396
1.0	3.03 2.97	1134	56.8° 56.0°	99
1.5	4.55 4.45	504	56.8° 56.0°	42
2.0	6.07 5.93	283	56.8° 56.0°	25
2.5	7.58 7.41	181	56.8° 56.0°	15
3.0	9.10 8.90	126	56.8° 56.0°	11

Distance [m] Cone diameter [m] Illuminance [lx]
 --- C0 - C180 (Half beam angle: 112.0°)
 --- C90 - C270 (Half beam angle: 113.2°)

Distance [m]	Cone diameter [m]	E ₀ [lx]	E _{1(C90)} [lx]	E _{2(C0)} [lx]
0.5	1.52 1.49	6570	56.8° 56.1°	670
1.0	3.03 2.98	1543	56.8° 56.1°	143
1.5	4.55 4.45	730	56.8° 56.1°	61
2.0	6.07 5.95	411	56.8° 56.1°	36
2.5	7.58 7.44	263	56.8° 56.1°	23
3.0	9.10 8.93	183	56.8° 56.1°	15

Distance [m] Cone diameter [m] Illuminance [lx]
 --- C0 - C180 (Half beam angle: 112.2°)
 --- C90 - C270 (Half beam angle: 113.2°)

Distance [m]	Cone diameter [m]	E ₀ [lx]	E _{1(C90)} [lx]	E _{2(C0)} [lx]
0.5	1.52 1.48	7149	56.8° 56.0°	627
1.0	3.03 2.97	1767	56.8° 56.0°	157
1.5	4.55 4.45	794	56.8° 56.0°	70
2.0	6.07 5.93	447	56.8° 56.0°	39
2.5	7.58 7.41	286	56.8° 56.0°	24
3.0	9.10 8.90	186	56.8° 56.0°	17

Distance [m] Cone diameter [m] Illuminance [lx]
 --- C0 - C180 (Half beam angle: 112.0°)
 --- C90 - C270 (Half beam angle: 113.2°)

Distance [m]	Cone diameter [m]	E ₀ [lx]	E _{1(C90)} [lx]	E _{2(C0)} [lx]
0.5	1.52 1.49	8904	56.8° 56.1°	914
1.0	3.03 2.98	1481	56.8° 56.1°	129
1.5	4.55 4.45	688	56.8° 56.1°	67
2.0	6.07 5.95	370	56.8° 56.1°	32
2.5	7.58 7.44	237	56.8° 56.1°	21
3.0	9.10 8.93	165	56.8° 56.1°	14

Distance [m] Cone diameter [m] Illuminance [lx]
 --- C0 - C180 (Half beam angle: 112.2°)
 --- C90 - C270 (Half beam angle: 113.2°)

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TECHNICAL DRAWINGS

