

Edgelit Panel Standard



DATA SHEET

LED IP20 CLASS II CE UK CA

Product information

Our new edgelit panel range is ultrathin and very light, so it is very easy to store and install. The diffuser structure creates an even better light distribution at a low glare level.

Features

- Power: 30W, 40W and 48W versions
- Luminous flux: from 3150 to 5280 lm
- Up to 110lm/W efficiency
- CCT: 3000K, 4000K, 6500K
- Low glaring prismatic diffusers with UGR level < 19
- Long life: 50.000hours at L80B50
- Even light distribution
- Easy installation
- Reliable Samsung chips
- Light weight
- Optimized packaging

Application areas



Office



Public buildings



Retail and
commercial buildings



Healthcare

Specification summary

Parameters below are the same for all luminaires in the range:

Light Technology used	LED
Light source	Non-removable
Mains / Non-mains	Non-mains light source
Directional / Non-directional	Directional
Colour-tuneable	No
Anti-glare shield	Yes
Correlated color temperature (CCT)	3000K, 4000K, 6500K
Colour rendering index (CRI) (Ra) min	80
R9 colour rendering index value	0
SDCM (Standard Deviation or Color Maintenance)	≤4
Beam angle	90°
Flicker metric	≤1
Stroboscopic effect metric	0,9

Input Voltage & Frequency	220-240V(AC), 50/60Hz
Light source output voltage DC	Tung Panel S - 38 V Tung Panel SB2 - 30-40 V Tung Panel HL - 42 V
Power factor	≥0,9
Displacement factor	0,95
Lifetime (L80B50)	50.000
Survival factor at 3000h	1
Lumen maintenance at 3000h	0,96
Ingress protection (IP)	IP20
Protection Class	Class II
Color of Housing	White - RAL9003
UGR	<19

Parameters below are specific for each of the product codes:

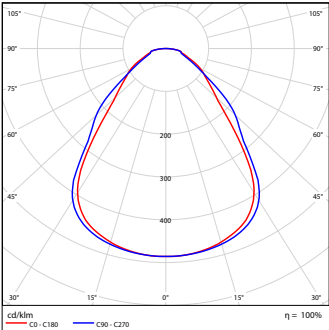
		ELECTRICAL DATA					PHOTOMETRICAL DATA			DIMENSIONS & WEIGHTS	
Product code	Description	Luminaire power (W)	Light source On-mode power (W)	Luminaire input current (mA)	Light source constant current DC (mA)	Dimmable	Luminaire lumen (lm)	Light source Useful lumen (90°) (lm)	"Luminaire Efficiency (lm/W)"	Dimensions (LxWxH) (mm)	Product weight (kg)
STANDARD - STATIC RANGE											
93117497	Tung Panel S 2x2 S 30W 830 19	30	26,3	140	750	No (Static)	3150	2205	105	595x595x9	2,0
93117498	Tung Panel S 2x2 S 30W 840 19	30	26,3	140	750	No (Static)	3300	2310	110	595x595x9	2,0
93117499	Tung Panel S 2x2 S 30W 865 19	30	26,3	140	750	No (Static)	3300	2310	110	595x595x9	2,0
93117500	Tung Panel S 2x2 S 30W 865 19 DS	30	26,3	140	750	No (Static)	3300	2310	110	595x595x9	2,0
93117509	Tung Panel S 2x2 S 40W 830 19	40	35,2	180	1000	No (Static)	4180	2920	105	595x595x9	2,0
93117510	Tung Panel S 2x2 S 40W 840 19	40	35,2	180	1000	No (Static)	4400	3080	110	595x595x9	2,0
93117511	Tung Panel S 2x2 S 40W 865 19	40	35,2	180	1000	No (Static)	4400	3080	110	295x1195x9	2,0
93117512	Tung Panel S 2x2 S 40W 865 19 DS	40	35,2	180	1000	No (Static)	4400	3080	110	595x595x9	2,0
93117854	Tung Panel S 2x2 S 30W 840 19 DS	30	26,3	140	750	No (Static)	3300	2310	110	595x595x9	2,0
93118670	Tung Panel SB2 2x2 S 40W 840 19/5	40	35,2	185	1000	No (Static)	4400	2900	110	295x1195x10	2,2
93117519	Tung Panel HL 2x2 S 48W 830 19	48	42	200	1000	No (Static)	5020	3510	105	595x595x9	2,2
93117520	Tung Panel HL 2x2 S 48W 840 19	48	42	200	1000	No (Static)	5280	3690	110	595x595x9	2,2
93117521	Tung Panel HL 2x2 S 48W 865 19 DS	48	42	200	1000	No (Static)	5280	3690	110	595x595x9	2,2
ACCESSORIES											
93117380	Surface mounting Kit 2x2 R9003 P									601x601x43	
93117658	Surface mounting Kit 2x2 DS R9003 P									601x601x43	
93107527	SUSPENSION KIT 2x2 LED PANEL S										
93107567	Plasterboard Mount KIT for Edgelit S									27x35x50	
93067247	Edgelit LED Panel Safety Kit S										

Our accessories make possible surface mount and plasterboard applications.
The whole range is compatible with our Emergency Converter Kits: SKU 93100237 and 93100238.

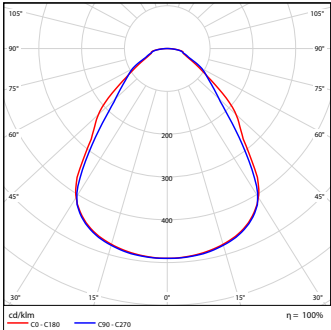
Energy efficiency class (A-G)*



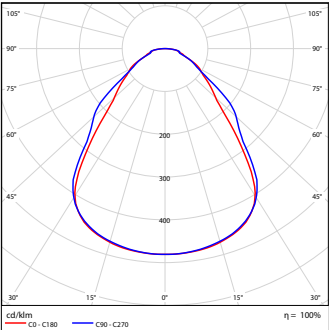
Photometric data



2x2 40W
3000K



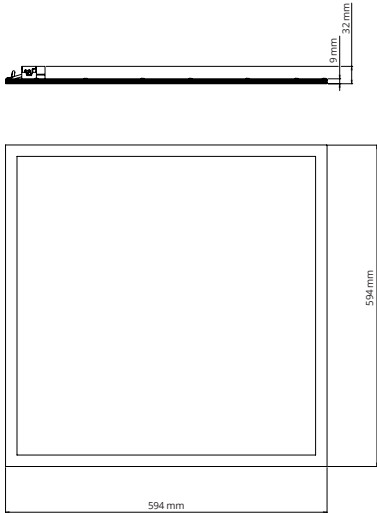
2x2 40W
4000K, 6500K



2x2 30W
3000K, 4000K, 6500K

Only for indicative purpose. For lighting design, please use the ldt photometry files available for the products

Dimensions (mm)



Ordering information

Internal Code	Range	Feature size scale	Control	System Wattage	CRI	CCT	UGR	Pack type	Shipment
Tung Panel	S - Standard HL - High lumen SB - Solution Business	2x2 1x4	S - Static	30W 40W 48W	8 - 80	30 - 3000K 40 - 4000K 65 - 6500K	19 - UGR<19	/5 - 5pcs per box -	DS - Direct Shipment -

Example: Tung Panel S 2x2 S 30W 830 19
Standard 2x2 Tung Panel with Static control, 30W, 80 color rendering index, 3000K correlated color temperature and 19 UGR

Regulatory and standards

Regulatory mark: CE, UKCA, Morocco
Regulations: 2014/35/EU, 2014/30/EU, 2011/65/EU, (framework 2009/125/EC) EU 2019/2020, (framework EU/2017/1369) EU 2019/2015*
Harmonized standards: EN 60598, EN 62493, EN 61547, EN55015, EN 61000, look for CE Declaration of Conformity and Technical File for details
Photobiological risk assessment is maximum group 1. The product is considered safe, does not pose any photobiological hazard
*not on DOC

