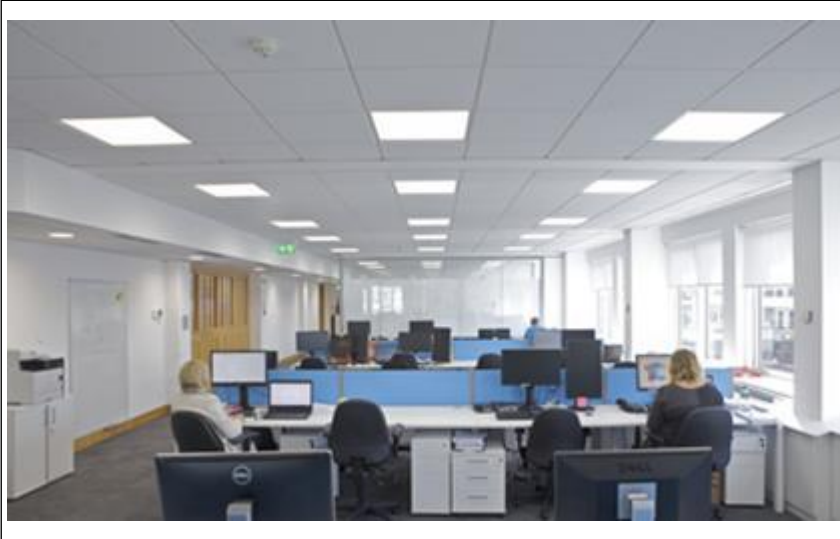# ROBUS®

SPACE UGR LED PANEL LIGHT

This version of the LED Space panel with its specially designed optics provides a complete solution for those installations needing to comply with the requirements of Part B fire regulations, CIBSE and EU norm EN12464 with regard to Glare and Luminance. Superb light output, low power consumption and high efficacy together with high specification components also allow the fitting to comply with the requirements of many EU member government incentives which effectively reduces the cost of the complete installation by a significant percentage

Applications:

- Offices
- Hospitals & Health Centres
- Shops
- Hotels
- Schools & Colleges
- Receptions
- Inspection areas

Construction:

White powder coated aluminium frame
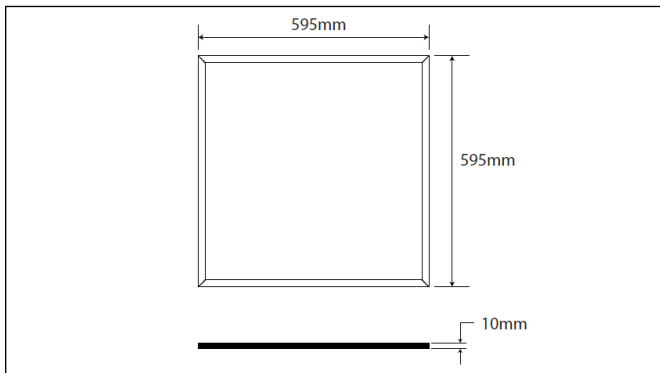Polystyrene TP_b rated diffuser
Steel back plate

Features and Benefits:

- The Space LED Panel has a UGR rating of ≥19 for most room sizes in the UGR table so is compliant with the EN12464 and CIBSE requirements for many installations

- The fitting diffuser is independently tested and complies with the requirements of Building Regulations Part B Fire so is suitable for installation in most lighting designs of commercial lighting

- Third party testing of the complete fitting allow the range to comply with the requirements of many EU member government incentives which effectively reduces the cost of the installation

- The fitting is very slim, with clean stylish lines and is finished with a white powder coated aluminium trim to provide a minimalist, attractive look to match most T-bar grid finishes. It also makes for easier installation where the void space has a number of other services

- It is available in two colour temperatures, so provides a choice of CCT depending on use of the lit space

- The driver primary side is pre-wired with the male half of our Swift 4 pole connector with the female part supplied for wiring to the supply infrastructure. Four large terminals allow for a number of conductors for loop in/out and permanent and switched live supplies

- There is also a plug & play connector between the driver secondary side and the panel which allows for fast panel installation after the ceiling is complete and/or painted. This ensures no damage occurs to the panel

- High quality SMD LED's with certified LM80 LED data and TM21 testing are used in the luminaires to substantiate our claims of:

  - High luminous flux with low lumen depreciation
  - Low power consumption
  - Exceptionally high efficacy
  - Long LED Rated Life

- LED is Solid State Technology with no heat filaments or electrodes entering a gas filled bulb or tube so avoids the typical failure mode of fluorescent fittings

  There is also no warmup/cooldown time which means the panel is suitable for switching by a range of sensors to save energy

- High specification control gear ensures the LED's are driven at the optimum drive current to further enhance LED life

- The Plug & Play emergency kit option is pre-wired to connectors which allows fast interconnection to the standard fitting connectors. It also provides double the light output of many competitor emergency solutions to ensure safe traverse of the building on mains failure

- A pre-wired Plug & Play universal DALI, Analogue 1-10v, SwitchDim driver option is available to provide automatic dimming using Daylight Harvesting for further energy savings using appropriate sensors or functional dimming for meeting rooms using a retractive switch and the SwitchDim function

- There is a full choice of installation accessories suitable for suspension, surface or recessed ceiling mounting

ROBUS®

SPACE UGR LED PANEL LIGHT

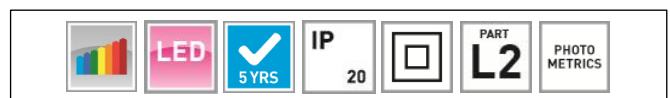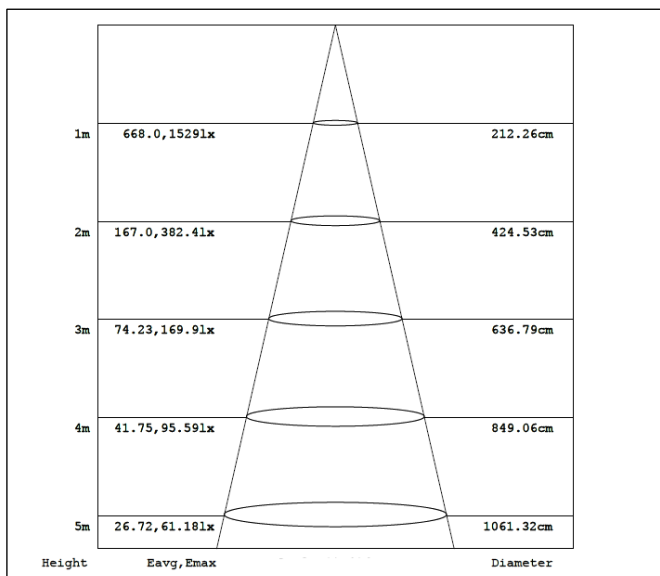| Product Code:	RSP30406060UGR-01	RSP30506060UGR-01
Comparable to:	4x18W T8	4x18W T8
Total Power (W):	30.8	31.0
Total Light Output (lm):	3,440	3,560
Efficacy (lm / cctW):	112	115
Illuminance at 1m (lux):	1,460	1,520
Beam Angle (deg):	90	90
CCT (K):	4,000	5,000
CRI (Ra):	80	80
Rated Life (hrs):	50,000	50,000
Warranty (yrs):	5	5
Ingress Protection (IP):	20	20
Operating Temperature (°C):	−20 ≤ Ta ≤ +40	−20 ≤ Ta ≤ +40
Operating Voltage (Vac):	220-240	220-240
Power Factor (PF):	0.9	0.9
Length (mm):	595	595
Width (mm):	595	595
Depth (mm):	10	10
Box Qty:	1	1
Weight (kg):	2.9	2.9

595mm

595mm

10mm

Accessories:

HED2040-D	DALI, 1-10V, SWITCH DIM, 40W RATED DRIVER
R6060SMKFB-01	SURFACE MOUNTING BOX, 50MM DEPTH
R6060SMKDN-01	SURFACE MOUNTING BRACKET
RAMSUS-4W	4 WIRE SUSPENSION KIT
RAMSST	SAFETY BRACKET AND 2M STRAP
R3EMPK-PSU	3 HOUR EMERGENCY PACK

Standards & Approvals:

Complies with: EN 60598-2-1, EN 60598-2-2, EN 55015, EN 61000-3-2, EN 61000-3-3, EN 61547, EN 62471, EN 62493, EN 62384
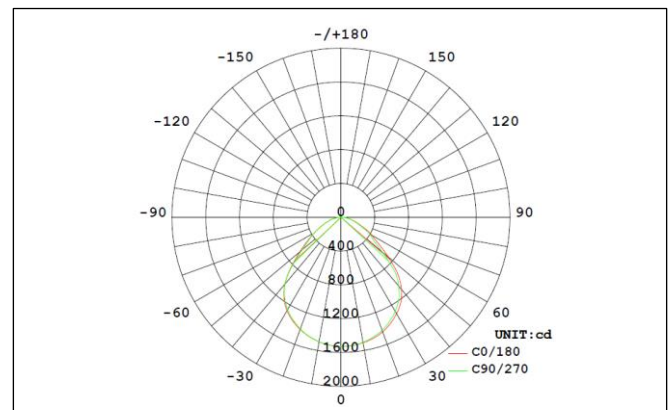
Cone Illuminance Diagram:

Height	Eavg,Emax	Diameter
1m	668.0,15291x	212.26cm
2m	167.0,382.41x	424.53cm
3m	74.23,169.91x	636.79cm
4m	41.75,95.591x	849.06cm
5m	26.72,61.181x	1061.32cm

Diagram for RSP30506060UGR-01 in 5,000K. Other diagrams available on request

IP 20   PART L2   PHOTO METRICS   5YRS   LED

Polar Intensity Diagram:

UNIT:cd
C0/180
C90/270

Diagram for RSP30506060UGR-01 in 5,000K. Other diagrams available on request