

**DALLAS 38W AND 40W LED UGR<19 AND UGR<22  
BACKLIT PANELS**

This great new range of LED panels includes UGR≤ 19 and UGR≤ 22 in Neutral or Cool White CCT versions. This makes the fitting ideal for use in areas of the building requiring specific UGR compliance whilst providing optimised light transmission efficiency for higher light output, efficacy and energy savings



**Applications:**

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

**Construction:**

- White powder coated aluminium frame
- PS diffuser
- Steel back plate

**Features:**

- UGR≤19 available in 4,000K
- UGR≤22 available in 4,000K & 5,000K

- Emergency pack available

- White powder coated Aluminium profile frame

- Includes mounting point for a safety strap

- Polystyrene TPb rated diffuser

- Driver uses high quality latest technology components

- Uses Backlit luminaire construction design

- High quality LED's are used

- Driver and LED's are solid state

**Benefits:**

- Allows compliance with project requirements for Low Glare in offices or classrooms and all other parts of the building

- Provides high lumen light output on mains failure for good visibility of escape routes on power failure

- Looks attractive and will compliment most ceiling colours
- Is light weight so easy to install

- Provides additional safety so the fitting cannot fall out of the ceiling in the event of the ceiling being weakened by fire

- Allows maximum light transmission, reduces glare and is fire rated for installation in commercial buildings

- Provides high efficiency with minimal flicker for a more comfortable lighting environment

- Enhances light transmission efficiency for higher light output, efficacy and energy savings

- Compared to fluorescent:
  - Provides comparable light output
  - Has around 5 times longer rated LED life
  - Uses half the power for lower running costs

- Suitable for switching by PIR, Microwave or photocell for additional energy savings

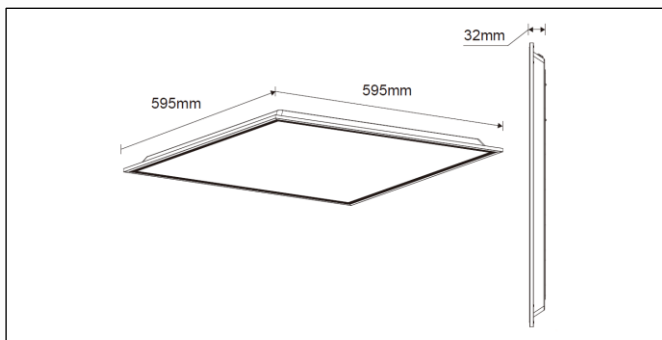
PLEASE NOTE: INFORMATION IN THIS DOCUMENT MAY BE SUBJECT TO CHANGE WITHOUT PRIOR NOTICE

IRE: TEL: +353 1 709 9000  
AUS: TEL: +61 7 3890 5444

WEB: WWW.ROBUS.COM  
WEB: WWW.ROBUS.COM.AU

DALLAS 38W AND 40W LED UGR<19 AND STANDARD BACKLIT PANELS

	UGR≤22	UGR≤22	UGR≤19
<b>Product Code:</b>	<b>RDL40406060-01</b>	<b>RDL40506060-01</b>	<b>RDL40406060UGR-01</b>
<b>Comparable to:</b>	4x18W T8	4x18W T8	4x18W T8
<b>Total Power (W):</b>	40.3	40.6	38.0
<b>Total Light Output (lm):</b>	4,210	4,180	4,100
<b>Efficacy (lm / cctW):</b>	104	103	108
<b>Illuminance at 1m (lux):</b>	1,410	1,420	1,970
<b>CCT (K):</b>	4,000	5,000	4,000
<b>CRI (Ra):</b>	80	80	85
<b>Beam Angle (deg):</b>	110	110	85
<b>Rated Life (hrs):</b>	50,000	50,000	50,000
<b>Warranty (yrs):</b>	5	5	5
<b>Ingress Protection (IP):</b>	20	20	20
<b>Operating Temperature (°C):</b>	-20 ≤ Ta ≤ +40	-20 ≤ Ta ≤ +40	-20 ≤ Ta ≤ +40
<b>Driver Output Current CC (mA):</b>	1,000	1,000	1,000
<b>Driver Output Voltage @ CC (VDC):</b>	36	36	34
<b>Operating Voltage (Vac):</b>	220-240	220-240	220-240
<b>Power Factor (PF):</b>	0.9	0.9	0.9
<b>Length (mm):</b>	595	595	595
<b>Width (mm):</b>	595	595	595
<b>Depth (mm):</b>	32	32	32
<b>Box Qty:</b>	1	1	1
<b>Weight (kg):</b>	1.7	1.7	2.1



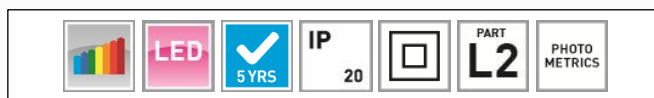
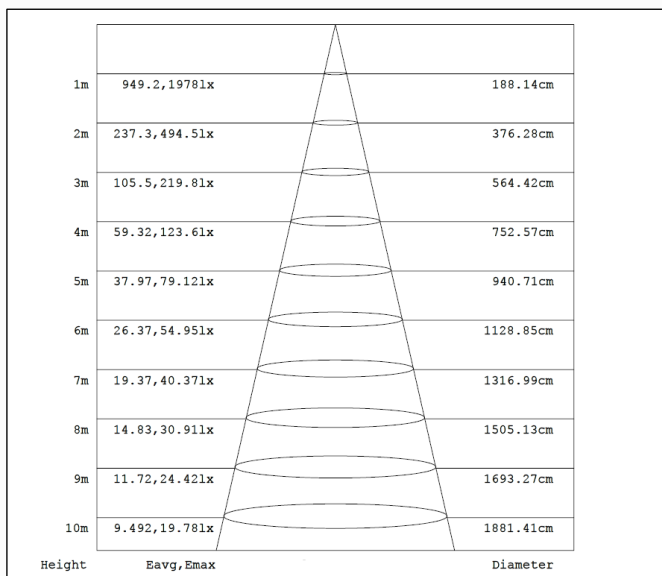
**Accessories:**

- R3EMPK4-PSU** Plug and Play 3hr Emergency Pack
- HED2040-D** 40W DALI, 1-10V Switch Dim driver
- RDLSST** Safety Strap kit for DALLAS Panels
- RDLSUS-4W** 4 Wire Suspension Kit for 600x600mm and 300x1200mm **DALLAS** panels
- RDL6060SF-01** Surface Mount Box Kit for 600x600mm **DALLAS** panels

**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:**



**Polar Intensity Diagram:**

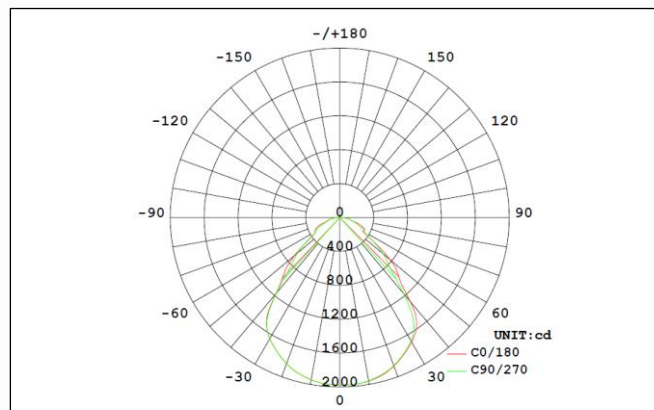


Diagram for RDL40406060UGR-01 in 4,000K. Other diagrams available on request  
**PLEASE NOTE: INFORMATION IN THIS DOCUMENT MAY BE SUBJECT TO CHANGE WITHOUT PRIOR NOTICE**

IRE: TEL: +353 1 709 9000 WEB: WWW.ROBUS.COM  
 AUS: TEL: +61 7 3890 5444 WEB: WWW.ROBUS.COM.AU