ROBUS®

COMMERCIAL

DALLAS EXPRESS LED CCT3 BACKLIT PANEL

20W/28W/32W, 28W/32W/36W/40W, IP20



PRODUCT INFORMATION DOCUMENT

FEATURES

- The new DALLAS EXPRESS is our first multiwattage panel range allowing to select between three powers and lumen outputs to suit any application requirements
- Allows compliance with project requirements for Low Glare in offices or classrooms and all other parts of the building.
- Available as UGR<22 and UGR<19
- Very high efficacy exceeding 130 lumens per circuit watt
- Emergency pack available providing high lumen light output on mains failure
- Includes mounting point for a safety strap
- Uses Backlit luminaire construction design

CONSTRUCTION

- White powder coated aluminium frame
- Polystyrene TPa rated diffuser



WARRANTY



LIFETIME



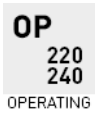
LUMENS PER W



IK RATING



IP RATING



OPERATING VOLTAGE



BEAM ANGLE



BEAM ANGLE



CCT


SAFETY CLASS

Product Code: Standard	RDLX60	RDLX60UGR	RDLX312UGR	RDLX612UGR
Comparable to:	4x18W T8	4x18W T8	2x36W T8	4x36W T8
Total Power (W):	19.1/26.5/30.4	19.9/27.5/31.6	20.5/26.9/31.2	28.8/32.2/35.9/39.3
Power Factor:	0.9	0.9	0.95	0.95
Total Light Output (lm):	2700/3780/4280	2660/3680/4170	2720/3600/4130	4420/4870/5380/5820
Total Emergency Light Output (lm):	NA	NA	NA	NA
Efficacy (lm/cctW):	142/142/141	134/134/132	133/134/132	153/151/149/148
Beam Angle (deg):	110	90	90	90
Lux at 1m (lux):	920/190/1460	1300/1790/2030	1430/1890/2170	2320/2550/2820/3050
Emergency Lux at 1m (lux):	NA	NA	NA	NA
CCT (K):	3000/4000/5000	3000/4000/5000	3000/4000/5000	3000/4000/5000
CRI:	80	80	80	80
IP:	20	20	20	20
Operation Temperature (°C):	-20 ≤ Ta ≤ +40	-20 ≤ Ta ≤ +40	-20 ≤ Ta ≤ +40	-20 ≤ Ta ≤ +40
Inrush Current:	6.4A/12us	7.7A/14us	2A/3.6us	6.8A/4.56us
RG Value:	0	0	0	0
SDCM:	6	6	6	6
Energy Class:	D	D	D	D
Rated Life to L70B50 (Hrs):	125000	125000	125000	125000
Rated Life to L80B10 (Hrs):	72000	72000	72000	72000
Rated Life to L90B10 (Hrs):	37000	37000	37000	37000
Dimensions LxWxH (mm):	595x595x34	595x595x34	1195x295x32	1195x595x32
Weight (kg):	1.39	1.67	1.75	4.19

Separate Control Gear Information				
Type of Light Source:	LED	LED	LED	LED
Full Load Efficiency (%):	89	89	89	94
P_{NET} (W):	NA	NA	NA	NA
Dimensions (mm):	170x40x25	170x40x25	170x40x25	177x65x30

Product is certified to all the relevant standards.
Please contact our technical department for market specific compliances.

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

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Cone Illuminance Diagram

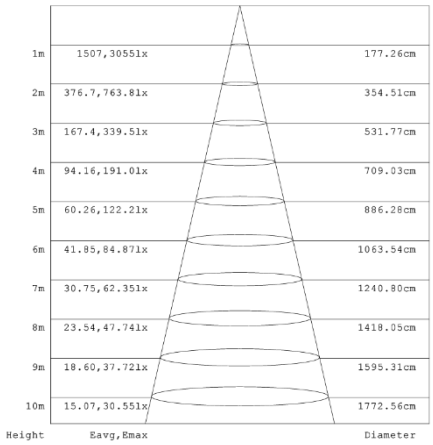


Diagram for RDLX612UGR-01 at 40W 4000K. Other diagrams available on request

Polar Intensity Diagram

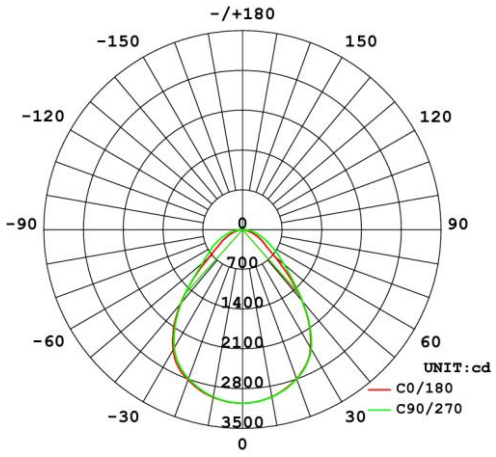
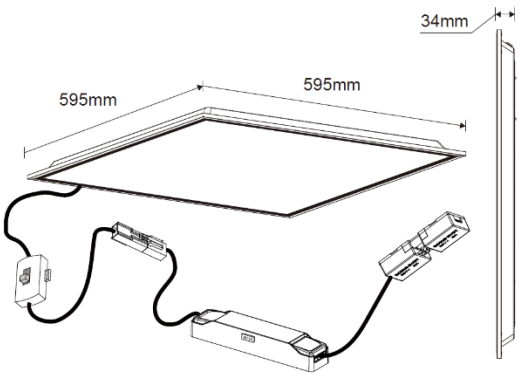
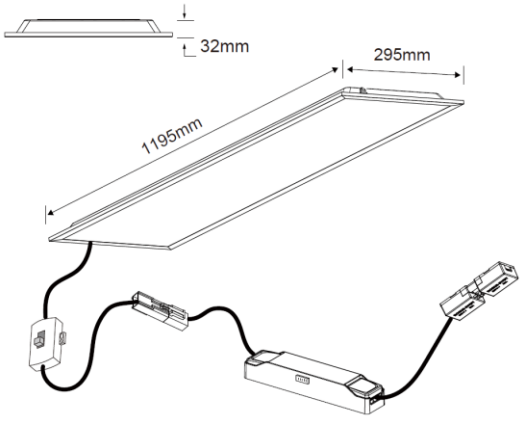
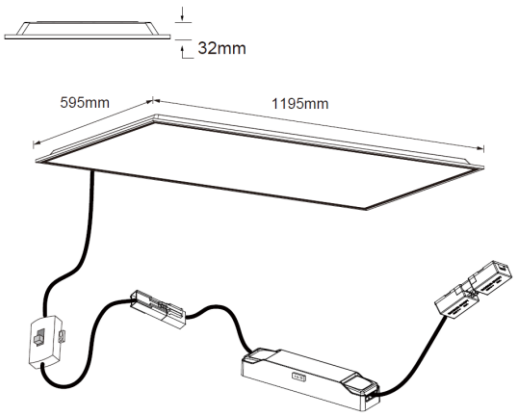


Diagram for RDLX612UGR-01 at 40W 4000K. Other diagrams available on request

Dimension Diagram







Accessories

R3EMPK4-PSU	3 Hour Emergency Pack with LiFePO4 Battery
HED2040-D	1-10V, DALI and Push dim driver available
RDLSST	Safety Strap kit for DALLAS Panels
RDL6060SF-01	Surface Mount Box Kit for 600x600 panel White 70mm deep Flat Pack
RDLSUS-4W	1.5m Stainless Steel Suspension Kit

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