ROBUS®

COMMERCIAL

DALLAS LED BACKLIT PANEL

30W, 40W, IP20, IP65

PRODUCT INFORMATION DOCUMENT

FEATURES

- UGR≤19 available in 4000K & UGR≤22 available in 4000K & 5000K
- IP20 and IP65 versions
- Allows compliance with project requirements for Low Glare in offices or classrooms and all other parts of the building
- Emergency pack available providing high lumen light output on mains failure
- Includes mounting point for a safety strap
- High efficiency with minimal flicker
- Uses Backlit luminaire construction design
- Suitable for switching by PIR, Microwave or photocell for additional energy savings

CONSTRUCTION

- White powder coated aluminium frame
- Polystyrene TPb rated diffuser
- Steel back plate

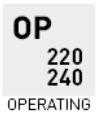
WARRANTY

LIFETIME

LUMENS PER W

IK RATING

IP RATING



OPERATING VOLTAGE

BEAMANGLE

CCT

SAFETY CLASS

Product Code:	RDL30406060-01	RDL30506060-01	RDL40406060-01	RDL40506060-01	RDL40406060UGR-01	RDL4040606065-01
Comparable to:	4x18W T8	4x18W T8	4x18W T8	4x18W T8	4x18W T8	4x18W T8
Total Power (W):	29.6	30.0	40.3	40.6	38	41.2
Power Factor:	0.9	0.9	0.97	0.96	0.97	0.97
Total Light Output (lm):	3210	3220	4210	4100	4180	4630
Total Emergency Light Output (lm):	NA	NA	NA	NA	NA	NA
Efficacy (lm/cctW):	108	107	104	108	103	112
Lux at 1m (lux):	1070	1080	1410	1970	1420	1560
Emergency Lux at 1m (lux):	NA	NA	NA	NA	NA	NA
CCT (K):	4000	5000	4000	5000	5000	4000
CRI:	80	80	80	85	80	80
IP:	20	20	20	20	20	20
Operation Temperature (°C):	-20 ≤ Ta ≤ +40	-20 ≤ Ta ≤ +40	-20 ≤ Ta ≤ +40	-20 ≤ Ta ≤ +40	-20 ≤ Ta ≤ +40	-20 ≤ Ta ≤ +40
Inrush Current:	5A/2us	5A/2us	30.4A/4.4us	30.4A/4.4us	30.4A/4.4us	4.2A/11ms
RG Value:	0	0	0	0	0	0
SDCM:	6	6	6	6	6	6
P_{ST} LM:	NA	NA	NA	NA	NA	NA
SVM:	NA	NA	NA	NA	NA	NA
Energy Class:	D	E	E	E	E	E
Rated Life to L70B50 (Hrs):	50000	50000	50000	50000	50000	50000
Dimensions ØxH (mm):	595x595x32	595x595x32	595x595x32	595x595x32	595x595x32	595x595x32
Weight (kg):	1.8	1.8	1.7	1.7	2.1	1.8

Separate Control Gear Information						
Type of Light Source:	LED	LED	LED	LED	LED	LED
Full Load Efficiency (%):	90	90	91	91	87	90
P_{NET} (W):	NA	NA	NA	NA	NA	NA

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

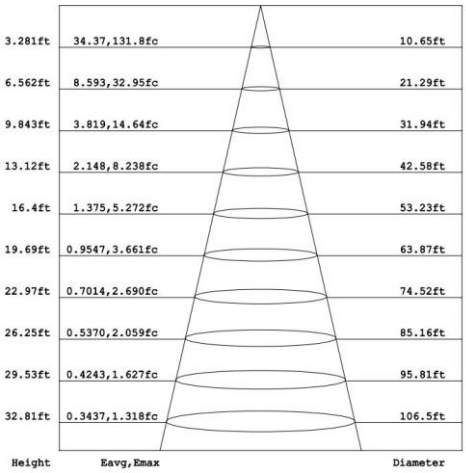


Diagram for RDL40406060-01 in 4000K. Other diagrams available on request

Polar Intensity Diagram

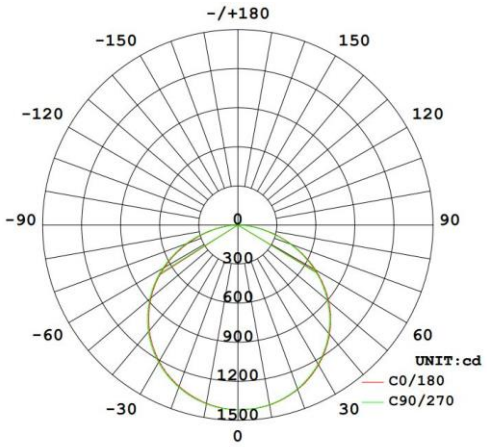
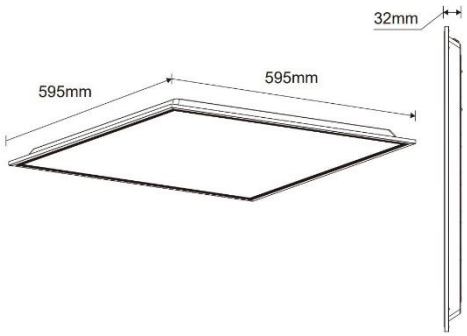


Diagram for RDL40406060-01 in 4000K. Other diagrams available on request

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

Sensor Data

Time Off Delay:	NA
Illuminance Switching Range:	NA
Sensitivity Range (%):	NA
Mounting Height (max):	NA
Detection Zone Diameter (max):	NA

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