

### DALLAS LED BACKLIT PANEL

30W, 40W, IP20, IP65



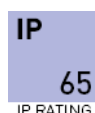
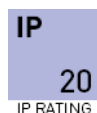
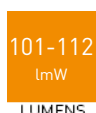
## PRODUCT INFORMATION DOCUMENT

### FEATURES

- UGR≤22 versions available in 3000K, 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 TPa rated diffuser



| Product Code:                      | RDL30406060    | RDL30506060    | RDL40306060    | RDL40406060    | RDL40506060    | RDL4040606065  |
|------------------------------------|----------------|----------------|----------------|----------------|----------------|----------------|
| Comparable to:                     | 4x18W T8       | 4x18W T8       | 4x18W T8       | 4x18W T8       | 4x18W T8       | 4x18W T8       |
| Total Power (W):                   | 29.2           | 29.3           | 39.4           | 39.2           | 40.0           | 41.2           |
| Power Factor:                      | 0.97           | 0.97           | 0.97           | 0.97           | 0.97           | 0.97           |
| Total Light Output (lm):           | 3100           | 3040           | 3830           | 3970           | 4180           | 4630           |
| Total Emergency Light Output (lm): | NA             | NA             | NA             | NA             | NA             | NA             |
| Efficacy (lm/cctW):                | 106            | 104            | 101            | 106            | 104            | 112            |
| Lux at 1m (lux):                   | 1050           | 1030           | 1340           | 1410           | 1420           | 1560           |
| Emergency Lux at 1m (lux):         | NA             | NA             | NA             | NA             | NA             | NA             |
| CCT (K):                           | 4000           | 5000           | 3000           | 4000           | 5000           | 4000           |
| CRI:                               | 80             | 80             | 80             | 80             | 85             | 80             |
| IP:                                | 20             | 20             | 20             | 20             | 20             | 65             |
| 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              |
| Energy Class:                      | D              | D              | E              | E              | E              | E              |
| Rated Life to L70B50 (Hrs):        | 122000         | 122000         | 122000         | 122000         | 122000         | 122000         |
| Rated Life to L80B10 (Hrs):        | 60000          | 60000          | 60000          | 60000          | 60000          | 60000          |
| Rated Life to L90B10 (Hrs):        | 37000          | 37000          | 37000          | 37000          | 37000          | 37000          |
| Dimensions LxWxH (mm):             | 595x595x24     | 595x595x24     | 595x595x24     | 595x595x24     | 595x595x24     | 595x595x32     |
| Weight (kg):                       | 1.23           | 1.23           | 1.23           | 1.23           | 1.23           | 1.8            |

#### Separate Control Gear Information

| Type of Light Source:     | LED       | LED       | LED       | LED       | LED       | LED       |
|---------------------------|-----------|-----------|-----------|-----------|-----------|-----------|
| Full Load Efficiency (%): | 90        | 90        | 89        | 91        | 91        | 90        |
| P <sub>NET</sub> (W):     | NA        | NA        | NA        | NA        | NA        | NA        |
| Dimensions (mm):          | 122x45x30 | 122x45x30 | 124x45x30 | 123x45x30 | 123x45x30 | 123x45x30 |

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

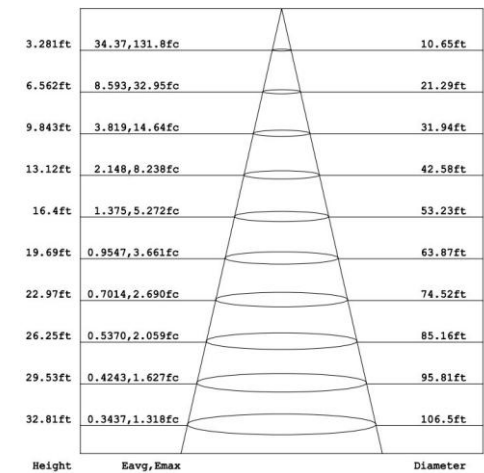
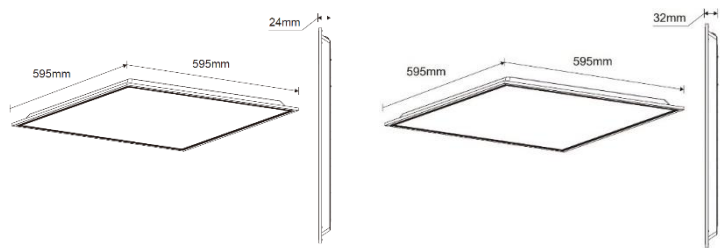


Diagram for RDL40406060-01 in 4000K. Other diagrams available on

Dimension Diagram



Sensor Data

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

Polar Intensity Diagram

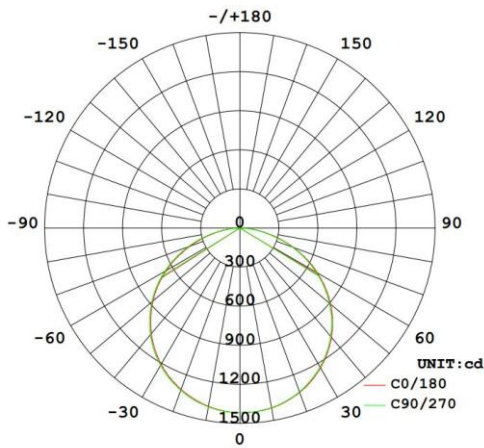


Diagram for RDL40406060-01 in 4000K. Other diagrams available on

Accessories

- R3EMPK4D-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
- RDLE6060SF-01 Surface Mount Box Kit for 600x600 panel
- RDLESUS-2W White 70mm deep Flat Pack
- 1.5m Stainless Steel Suspension Kit