



Panel Grille

- Design low glare LED panel
- Direct replacement for existing T5 and T8 fixtures
- Comfortable lighting for study and work environment (UGR < 16)
- System efficacy up to 130 lm/W
- Significantly lower energy consumption up to 65%



Specifications

Item Code	Item Description	Equivalent to (W)	Power (W)	Lumen	Efficacy (lm/W)	CCT (K)	Weight (kg/pc)
DALI2							
140046181	LEDPanelRc-G Sq598-33W-DALI-3000-WH-CT	TL 4x18W	33	4200	127	3000	4.12
140046182	LEDPanelRc-G Sq598-33W-DALI-4000-WH-CT	TL 4x18W	33	4300	130	4000	4.12
140046185	LEDPanelRc-G Re298-33W-DALI-3000-WH-CT	TL 2x36W	33	4200	127	3000	5.33
140046186	LEDPanelRc-G Re298-33W-DALI-4000-WH-CT	TL 2x36W	33	4300	130	4000	5.33
Smart							
542008007900	LEDPanelRc-G Sq598-33W-BLE-3000-WH-CT	TL 4x18W	33	4200	127	3000	4.12
542008008000	LEDPanelRc-G Sq598-33W-BLE-4000-WH-CT	TL 4x18W	33	4300	130	4000	4.12
542008008100	LEDPanelRc-G Re298-33W-BLE-3000-WH-CT	TL 2x36W	33	4200	127	3000	5.33
542008008200	LEDPanelRc-G Re298-33W-BLE-4000-WH-CT	TL 2x36W	33	4300	130	4000	5.33

Available on request with 3- or 5- or 3+2 pole Wieland GST18i or Wago WINSTA connector. Emergency lighting available on request. BLE versions in surface modules might lead to limited BLE signal strength.

Accessories

Surface Mounting Frame		Recessed Mounting Frame		
140044054 LEDPanelRc-G Sq598-Surface Module-CT	140044055 LEDPanelRc-G Re298-Surface Module-CT	542098009600 LEDPanelRc Sq600-Frame- WH	542098009800 LEDPanelRc Re300-Frame- WH	140060852 LEDFixture-Ceiling-Cable-Kit- 0.5m

Technical Specifications	
Lifetime (L70)	70,000 h
Lifetime (L80)	50,000 h
On-/Off-cycles	100,000
Colour consistency (SDCM)	3
Dimmability	DALI / BLE
Beam angle	90°
Finishing	White RAL9003
Colour rendering index CRI	≥ 80
UGR	≤ 16
Degree of protection (IP)	IP20
Impact strength	IK02
Protection class	I
Risk group (EN 62471)	RG0
With control gear	Yes
Glow wire test	650°C
Driver failure rate (at 5,000 hrs)	1 %
Power factor	≥ 0.9

Electrical Supply	
Frequency	50/60 Hz
Nominal voltage	220-240 V AC
DC input voltage	See catalogue appendix Connection Specifications

Mechanical Properties	
Housing material	Coated Steel
Optical material	Polycarbonate

Ambient Conditions	
Operating temperature	-10~+40°C
Application temperature	+25°C
Storage environment	-25~+50°C



Dimensional Drawing (mm)

