



LED Panel Recessed Grille

- Direct replacement for existing T5 and T8 fixtures
- Comfortable lighting for study and work environment (UGR < 16)
- Can be recessed & surface mounted
- System efficacy up to 113 lm/W
- Significantly lower energy consumption up to 55%



Specifications

Item Code	Item Description	Equivalent to (W)	Power (W)	Lumen	Efficacy (lm/W)	UGR	CCT (K)	Weight (kg/pc)
140043967	LEDPanelRc-G Sq598-36W-3000-WH-CT	TL 4x18W	36	3800	106	16	3000	4.12
140043968	LEDPanelRc-G Sq598-36W-4000-WH-CT	TL 4x18W	36	4050	113	16	4000	4.12
140043971	LEDPanelRc-G Re298-36W-3000-WH-CT	TL 2x36W	36	3800	106	16	3000	5.33
140043972	LEDPanelRc-G Re298-36W-4000-WH-CT	TL 2x36W	36	4050	113	16	4000	5.33
140043973	LEDPanelRc-G Re166-21W-3000-WH-CT	TL 1x36W	21	2000	95	16	3000	3.31
140043974	LEDPanelRc-G Re166-21W-4000-WH-CT	TL 1x36W	21	2090	100	16	4000	3.31
140043969	LEDPanelRc-G Sq298-11W-3000-WH-CT	CFL 2x18W	11	1050	95	16	3000	1.40
140043970	LEDPanelRc-G Sq298-11W-4000-WH-CT	CFL 2x18W	11	1090	99	16	4000	1.40
140046181	LEDPanelRc-G Sq598-36W-DALI-3000-WH-CT	TL 4x18W	36	3800	106	16	3000	4.90
140046182	LEDPanelRc-G Sq598-36W-DALI-4000-WH-CT	TL 4x18W	36	4050	113	16	4000	4.90
140046185	LEDPanelRc-G Re298-36W-DALI-3000-WH-CT	TL 2x36W	36	3800	106	16	3000	5.00
140046186	LEDPanelRc-G Re298-36W-DALI-4000-WH-CT	TL 2x36W	36	4050	113	16	4000	5.00
140046187	LEDPanelRc-G Re166-21W-DALI-3000-WH-CT	TL 1x36W	21	2000	95	16	3000	3.31
140046188	LEDPanelRc-G Re166-21W-DALI-4000-WH-CT	TL 1x36W	21	2090	100	16	4000	3.31
140046183	LEDPanelRc-G Sq298-13W-DALI-3000-WH-CT	CFL 2x18W	13	930	72	16	3000	1.40
140046184	LEDPanelRc-G Sq298-13W-DALI-4000-WH-CT	CFL 2x18W	13	990	76	16	4000	1.40

Available on request with 3- or 5- or 3+2 pole Wieland GST18i or Wago WINSTA connector. Emergency lighting available on request.

Accessories



140044054
LEDPanelRc-G Sq598-Surface
Module-CT



140044055
LEDPanelRc-G Re298-Surface
Module-CT



140044056
LEDPanelRc-G Sq298-Surface
Module-CT



140044057
LEDPanelRc-G Re166-Surface
Module-CT

Technical Specifications

Lifespan (L70B50)	70,000 h
Lifespan (L80B50)	50,000 h
On-/Off-cycles	100,000
Colour consistency (SDCM)	3
Dimmable	No / Yes (DALI)
Beam angle	90 °
Finishing	White RAL9003
Colour rendering index CRI	≥ 80
Degree of protection (IP)	IP20
Impact strength	IK02
Protection class	I
Risk group	RG0
Control gear included	Yes
Glow wire test	650 °C
Driver failure rate (at 5,000 hrs)	1 %
Power factor	≥ 0.90

Electrical Supply

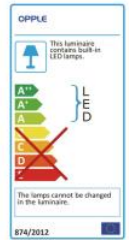
Frequency	50/60 Hz
Nominal voltage	220-240 V AC
DC input voltage	Yes, see Appendix 3

Mechanical Properties

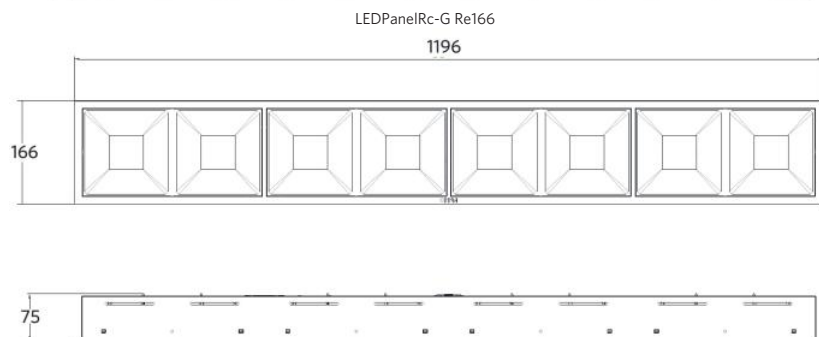
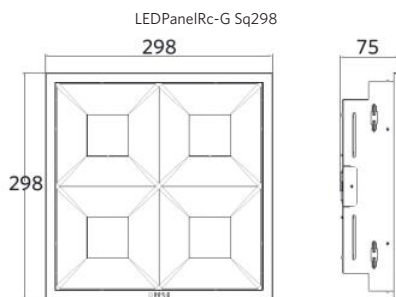
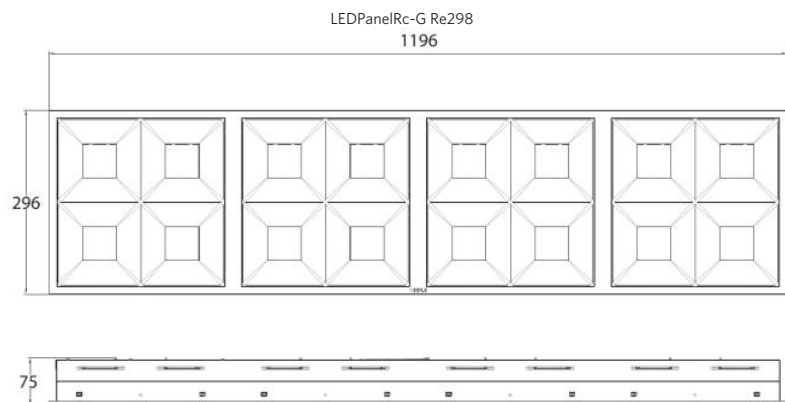
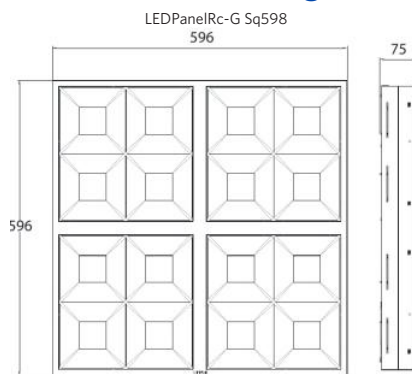
Material housing	Coated Steel
Optical material	Polycarbonate

Ambient Conditions

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



Dimensional Drawing (mm)



Installation Opening Drawing (mm)

LEDPanelRc-G Sq298
285 x 285

