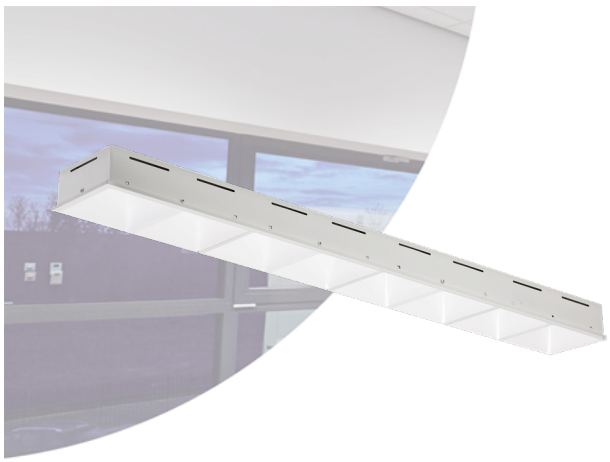




LED Panel Grille

- NEW: available as Smart Lighting solution (BLE)
- 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 55%

Specifications

Item Code	Item Description	Equivalent to (W)	Power (W)	Lumen	Efficacy (lm/W)	CCT (K)	Weight (kg/pc)
140046188	LEDPanelRc-G Re166-21W-DALI-4000-WH-CT	TL 1x36W	21	2090	100	4000	3.31

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

Accessories



140044057
LEDPanelRc-G Re166-Surface Module-CT



542098030700
Junction-Box-WH

Packaging Information

Item		Box			
Item Code	Item Description	Dimensions (mm) (LxWxH)	Gross Weight (kg)	EAN	pc/box
140044057	LEDPanelRc-G Re166-Surface Module-CT	1278x244x106	3.49	6956321843502	1
140046188	LEDPanelRc-G Re166-21W-DALI-4000-WH-CT	1285x243x127	4.60	6956321860950	1
542098030700	Junction-Box-WH	43x103.4x26	0.07	6941408868684	1

OPPLE LIGHTING.

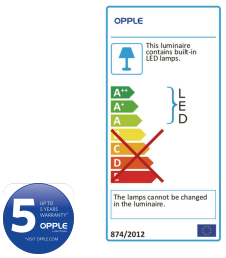
Technical Specifications	
Lifetime (L70)	70,000 h
Lifetime (L80)	50,000 h
On-/Off-cycles	100,000
Colour consistency (SDCM)	3
Dimmability	DALI
Beam angle	90 °
Finishing	White RAL9003
Colour rendering index CRI	≥ 80
UGR	16
Degree of protection (IP)	IP20
Impact strength	IK02
Protection class	I / II (33W DALI/BLE + 13/21W DALI)
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 Appendix 3

Mechanical Properties	
Material housing	Coated Steel
Optical material	Polycarbonate

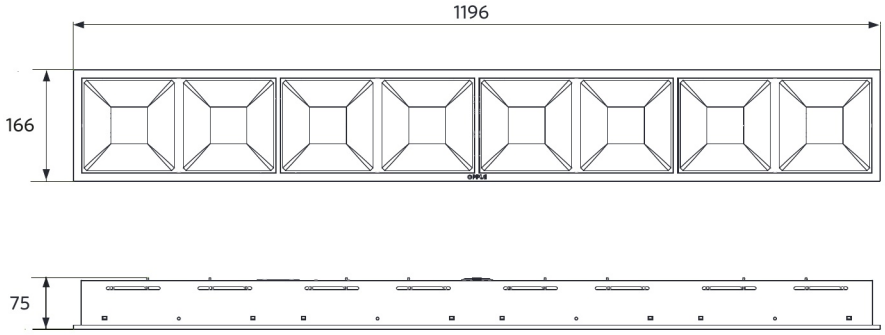
Ambient Conditions	
Operating temperature	-10 ~ 40 °C
Application temperature	25 °C
Storage environment	-25 ~ 50 °C





Dimensional Drawing (mm)

LEDPanelRc-G Re166



Photometric Data

140046188.pdf

