

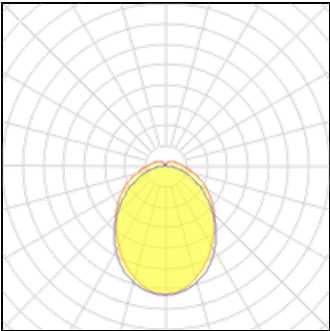
# Product data sheet

VLGFP1501-5NDWS840W0850-RF-POS6  
1551213  
RIDI



Continuous-row luminaire VLGFP Design: LED gear tray made of extruded aluminium, powder coated white (...WS-...), silver (...SI-...) or black (...SW-...). RIDI LED linear modules fitted with mid-power LEDs for outstanding efficiency. Operating in conformity with SELV, the boards are pressed over their entire surface onto the aluminium base profile for optimum heat dissipation. Soldered joints of the LED modules are tested for cavities and resistance to vibration and torsion in compliance with the most stringent quality standards. No thermal coupling between the LED modules and converters. Diffuser made of satinised UV-stabilised PMMA for diffuse light distribution including indirect component. Diffuser flush in the gear tray, width of the gear tray and diffuser identical to the trunking. End caps in PMMA to match the diffuser, with insect guard. Dust-protected light chamber. Protection rating similar to IP50. Spring steel clips for fixture of the gear tray in the trunking VLTM. In conjunction with trunking VLTM for the configuration of modular variable continuous lighting systems conforms to protection rating IP20 and IP40. The gear trays can be mounted at any preferred location on the trunking. Electrical adapters for flexible take-off of the through wiring in the trunking with automatic PE conductor connection. Phase selection by means of sliding contact. Colour and optical coding for simple installation. Mechanical coding to prevent incorrect installation (polarity reversal). Where gear trays are variably positioned and where the electrical components come into contact with the trunking connector, mounting is only possible using trunking connector VLTV ...-600. Ten different resistances and ten different luminous flux levels can be set for the luminaires using an integrated flexible resistance (ResFlex). Colour rendering in index Ra  $\geq$  80, colour temperature 4000 Kelvin (840) Electronic converter for LED, 230 Volt, 0/50-60 Hz, wired to electrical adapter with phase selection by means of sliding contact. Suitable for direct voltage operation and use in central battery systems. Note on "Food Hygiene Act": These luminaires comply with the stipulations of the Food Hygiene Act as defined by Regulation (EC) No. 852/2004 (HACCP) Annex II Chapter I section 2 a, b, Chapter II section 1c relating to luminaires. These are suitable for use in the food industry. Note "LABS": These luminaires fulfil the specifications of VDMA 24364 2018-05 standard and are thus free from paint wetting impairment substances (LABS conformity). Testing was carried out by the Fraunhofer Institute in Stuttgart, Germany. The luminaires are suitable for use in paint processing companies. VLGFP ... W Diffuser made of satinised UV-stabilised PMMA for diffuse light distribution including indirect component.

## Light output 1 (integrated)



Lamp type	LED	CCT	4000 K
Nominal lamp power	48 W	CRI	80
Total flux	6900 lm	LOR	100%
Luminous efficacy	144 lm/W	ULOR	9%
		Total power	48 W

## Mounting mode

Pendant, Ceiling mounted

## Electric

System power: 48 W

## Protection

IP: 20

### Shape and measurements

Length: 59.13 in

Width: 2.64 in

Height: 3.32 in

### Adjustability

Fixed