

DUEVO MID

LED High Bay Fitting for use in galvanising plants

Series 3302... V

Applications:

Specially developed version for use in galvanizing plants.

Design:

Housing: Die-cast aluminum, DB 702N (mica-iron paint, grey).

LED-segment with LED modules, optics behind tempered safety glass (IK08).

ECG housing with integrated electronic control gear, prewired on terminals.

Robust supporting frame with angle profile.

Light distribution: Wide beam without optic, with optics wide (B), narrow-wide (TB) or narrow beam (T).

Connection: Preinstalled 3-pole (DIMD 5-pole) **FastConnect-quick connector**, plug mounted to the housing, socket included.

Mounting: 4-point suspension.

Technical Data:

LED module: Complying Zhaga, 4,000K, CRI > 80, lifetime L₇₀ > 100,000h at max. ambient temperature (see notes).

ECG: 220-240V, 50-60Hz, Surge voltage resistance 4kV, overload and short circuit protection.

Note: Due to the inrush current of the electronic ballasts, the maximum permissible number of light fittings per circuit breaker is limited.

Ambient temperature: -40°C up to +50°C

Options:

On request also available with the following configurations (please mention in your enquiry or order):

DALI interface (DIMD)

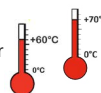
Constant luminous flux function (CL): Luminous flux is kept on a constant level over the entire lifetime of the LED-modules.

Further Options:

– 5,000K, light colour 850

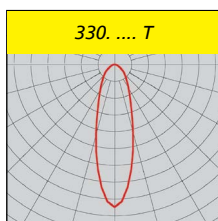
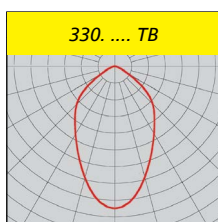
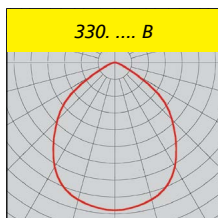
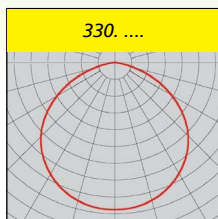
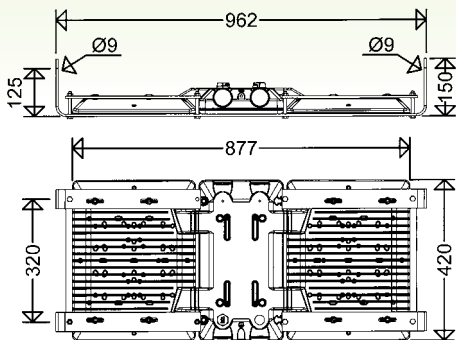
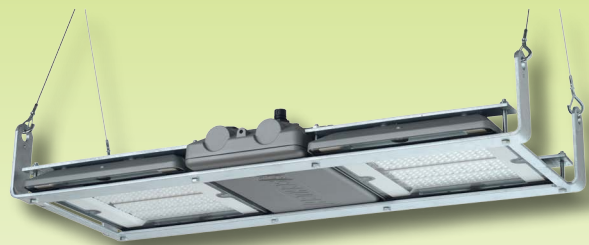
– „Ø“-marking for rooms with higher fire risk (D)

– for high ambient temperatures up to +60°C (H60) or +70°C (H70)



Product highlights:

- extremely robust special-version
- high system lifetime of up to 100,000h at maximum ambient temperature
- high quality ECG with overload and short circuit protection
- optimized thermal management due to direct mounting of the LED modules to the housing and separate housings for ECG- and LED-modules, huge heat sink with excellent heat dissipation
- uniform illumination due to the „Multi-Layer Technology“ i.e. every individual LED illuminates the whole surface, the light curves of the individual LED are overlapping. No dark zones if any single LED would fail. The uniformity of the illumination is kept.
- FastConnect quick-connector - electrical connection without opening the fitting
- future proof by using standardized LED-modules (Zhaga)



Notes:

Properties, limitations and details for controlling LED-light fittings: See „Technical Supplement“.

All technical data is relevant at the time of print.

Actual technical data can be found in the internet under www.schuch.de.

Article no.	Type	Quantity of ECG	Wide beam	Narrow wide beam	Narrow beam	Energy efficiency class	Weight [kg] (without packing material)	Power consumption [W] **	Luminous flux [lm] **	Light output [lm/W]	Substitute for *
3302... V											

3302... V

33020 0100	3302 L420 V	2	•			A++	24,0				
33020 0101	3302 L420B V	2	•			A++	24,2				
33020 0102	3302 L420TB V	2		•		A++	24,2				
33020 0103	3302 L420T V	2			•	A++	24,2				
								270	40.400	150	2 x HIE 400

* This date is a rough guideline. In individual cases a lighting calculation is required. ** see notes

Accessories / Spare Parts

Type	Article no.	
33001 9001	3301/010	spare safety glass (for 3302... 2 glasses per fitting necessary)