



DUEVO XL

LED High Bay Fitting

Series 3305...

Applications:

Production areas and warehouses, maintenance and assembly shops, cool storage facilities, walkways in rack areas, hardware stores etc.

Design:

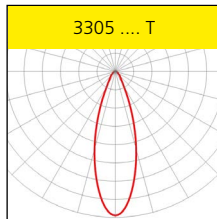
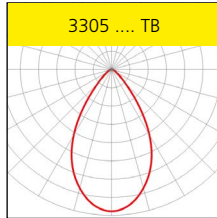
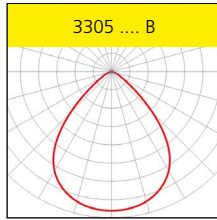
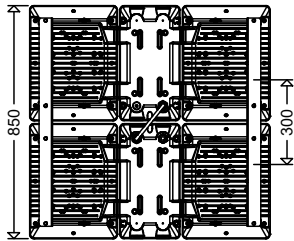
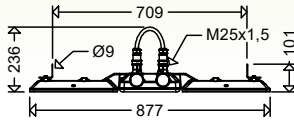
Housing: Die-cast aluminum, DB 702 (mica-iron paint, grey). **4 segments** with LED module, optics behind tempered safety glass (IK10). **2 ECG segments** with integrated electronic control gear, pre-wired on terminals.

Light distribution: With optics wide (B), Narrow-wide (TB) or narrow beam (T).

Entries: 1 gland and 1 blind plug M25 x 1.5.

Mounting: On angle profile with 4 holes Ø 9 mm at a distance of 300mm, see accessories.

Delivery status: Multi-part



Technical Data:

LED module: 4,000 K, CRI > 80, service life $L_{95} > 100,000$ h at max. ambient temperature, Zhaga compliant

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

Ambient temperature: -25 °C up to .. °C (see article tables)

Options:

- 5,000 K; light colour (850)
- cable looping at 1 small side
- FastConnect (FC), quick-connector
- PMMA cover frosted (C) for glare limitation
- for lower ambient temperatures (T40), down to -40 °C
- for higher ambient temperatures (H80), up to +80 °C
- increased resistance (ER), against corrosive atmospheres
- high resistance (HR), against corrosive atmosphere
- for connection to central emergency supply systems (ZB)
- dimming function via DALI2 interface, compatible with LIMAS Line wired Light Management System (DIMD)
- power reduction with control phase (LR)
- constant luminous flux function (CL)
- additional overvoltage protection

Product highlights:

- long-lasting, corrosion-resistant die-cast aluminium housing
- 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“
- high system service life of up to 100,000 h, saves premature replacement and conserves valuable resources
- variable electrical installation methods due to max. 8 cable entries (see options)
- high energy cost savings thanks to low connected load and high efficiency
- sustainable, control gear and LED-module replaceable by qualified personnel on-site
- future proof by using standardised LED-modules (Zhaga) and long-term availability of spare parts
- GreenLine luminaire, outstanding sustainable design

High Bay Fittings



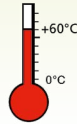
! Properties, limitations and details for controlling LED-light fittings:
■ See "Technical Supplement"
 All data are correct at the time of printing. Actual technical data can be found under www.schuch.de.

Article no.	Type	Dimmable	Wide beam	Narrow wide beam	Narrow beam	Tmax [°C]	Weight [kg] (without packing material)	Connected load [W]	Luminous flux [lm]	Light output [lm/W]	Substitute for *
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3305...



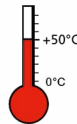
... for ambient temperatures up to +60 °C



33050 0052	3305 L440B		•			60	30,3	264	48.000	182	2 x HIT 250, HME 400
33050 0059	3305 L440TB			•							
33050 0054	3305 L440T				•						
33050 0202	3305 L440B DIMD	•	•								
33050 0209	3305 L440TB DIMD	•		•							
33050 0204	3305 L440T DIMD	•			•						

33050 0053	3305 L640B		•			60	30,3	384	68.000	177	2 x HIT 400, HME 1000
33050 0060	3305 L640TB			•							
33050 0055	3305 L640T				•						
33050 0203	3305 L640B DIMD	•	•								
33050 0210	3305 L640TB DIMD	•		•							
33050 0205	3305 L640T DIMD	•			•						

... for ambient temperatures up to +50 °C



33050 0050	3305 L840B		•			50	30,3	540	92.000	170	2 x HIT 400, HME 1000
33050 0058	3305 L840TB			•							
33050 0051	3305 L840T				•						
33050 0200	3305 L840B DIMD	•	•								
33050 0208	3305 L840TB DIMD	•		•							
33050 0201	3305 L840T DIMD	•			•						

3305... IFS



for application in food industry areas

Applications:

Production halls in the food industry, locations which come under the requirements of the IFS Food (International Featured Standard, Food), BRC, or HACCP, e.g. manufacture of food packaging.

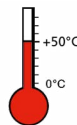
Design:

With clear PC cover instead of the flat safety glass.

Optional also available for ambient temperatures up to +60 °C



... for ambient temperatures up to +50 °C



33050 0056	3305 L840B IFS		•			50	26,7	540	92.000	170	2 x HIT 400, HME 1000
33050 0061	3305 L840TB IFS			•							
33050 0057	3305 L840T IFS				•						
33050 0206	3305 L840B DIMD IFS	•	•								
33050 0211	3305 L840TB DIMD IFS	•		•							
33050 0207	3305 L840T DIMD IFS	•			•						

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

Accessories / Spare Parts

Article no.	Type	
33001 9001	ABD 3301 ESGW	cover, safety glass pane clear (1 segment), for 3301..., 3302..., 3305...
33001 9006	ABD 3301 PC	cover, disc PC clear IFS (1 segment), for 3301..., 3302..., 3305...
33001 9010	ABD 3301 C PMMA	cover, PMMA frosted disc for glare limitation (1 segment), for 3301..., 3302..., 3305...
90313 0003	KV M25 G BK	plastic cable gland M25 x 1,5
90313 0004	VSR M25 G BK	plastic screw plug M25 x 1,5
33001 9012	3305 Y P	1 pair of Y-ropes (2-point-mounting)