



## DUEVO XL MID 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:

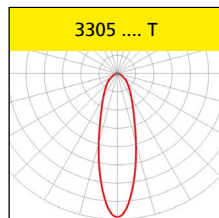
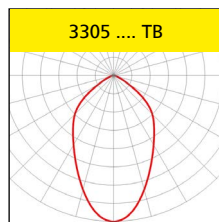
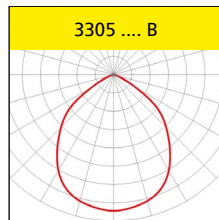
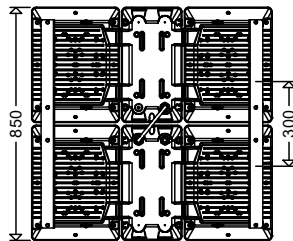
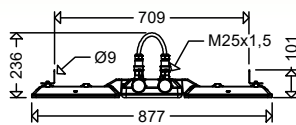
**Housing:** Die-cast aluminum, DB 702 (mica-iron paint, grey). **4 segments** with LED module, optics behind tempered safety glass (IK10). **2 ECG segments** with integrated electronic control gear, pre-wired on terminals.

**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 9mm at a distance of 300mm, see accessories.

Delivery status: Multi-part



### Technical Data:

**LED module:** 4,000K, CRI > 80, service life  $L_{80} > 100,000$ h at 25°C ambient temperature, service life  $L_{70} > 100,000$ h at max. ambient temperature, Zhaga compliant

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

### Light control:

On request, the luminaires are also available with the following configurations:

**Output reduction with control phase (LR):** via 230V control input. Control phase (LST) required. Switching via control phase (LST = 230V: 100%; LST = 0V: 50%). Further dimming levels possible.

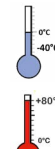
**Digital dimming with DALI interface (DIMD)** compatible with LIMAS Line and LIMAS Air Light Management System in combination with a FastConnect quick connector.

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

**Ambient temperature:** -25°C up to +50°C / +60°C.

### Options:

- 5,000K, light colour 850
- PMMA cover frosted (C) for glare limitation
- for low ambient temperatures down to -40°C (T40)
- for high ambient temperatures up to +80°C (H80)
- increased (ER) or high (HR) protection against corrosive atmospheres or harmful gases



- wireless Light Management System LIMAS Air
- for connection to group or central battery systems (ZB) or emergency mains respectively
- additional overvoltage protection (OP)
- cable looping (RR)
- various additional cable entries on ceiling and front side
- **FastConnect quick-connector** for electrical connection without accessing the internal terminal block.

### Product highlights:

- high system service life of up to 100.000h at maximum ambient temperature
- efficient substitute for conventional high pressure lamps up to HME 1000W or 2 x HIT 400W
- 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 LEDs are overlapping. No dark zones if any single LED would fail. The uniformity of the illumination is kept.
- colour rendering index CRI > 80
- variable electrical installation methods due to max. 8 cable entries (looping in/out at one end on demand)
- ⚠-symbol, suitable for rooms with increased fire risk
- sustainable, control gear and LED-module replaceable by qualified personnel on-site
- future proof by using standardized LED-modules (Zhaga)
- GreenLine luminaire, outstanding sustainable design

Properties, limitations and details for controlling LED-light fittings:

See "Technical Supplement"

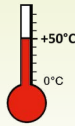
All data are correct at the time of printing. Actual technical data can be found under [www.schuch.de](http://www.schuch.de).

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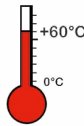
### 3305...

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



33050 0050	<b>3305 L840B</b>					30,3	540	80.800	150	2 x HIT 400, HME 1000
33050 0058	<b>3305 L840TB</b>									
33050 0051	<b>3305 L840T</b>									
33050 0200	<b>3305 L840B DIMD</b>	•	•							
33050 0208	<b>3305 L840TB DIMD</b>	•	•							
33050 0201	<b>3305 L840T DIMD</b>	•	•							

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



33050 0052	<b>3305 L440B H60</b>					30,3	268	43.200	161	2 x HIT 250, HME 400
33050 0059	<b>3305 L440TB H60</b>									
33050 0054	<b>3305 L440T H60</b>									
33050 0202	<b>3305 L440B DIMD H60</b>	•	•							
33050 0209	<b>3305 L440TB DIMD H60</b>	•	•				384	60.000	156	2 x HIT 400, HME 1000
33050 0204	<b>3305 L440T DIMD H60</b>	•	•							
33050 0053	<b>3305 L640B H60</b>					30,3				
33050 0060	<b>3305 L640TB H60</b>						384	60.000	156	2 x HIT 400, HME 1000
33050 0055	<b>3305 L640T H60</b>									
33050 0203	<b>3305 L640B DIMD H60</b>	•	•							
33050 0210	<b>3305 L640TB DIMD H60</b>	•	•							
33050 0205	<b>3305 L640T DIMD H60</b>	•	•							



### 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.

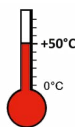
##### Design:

With clear PC cover instead of the flat safety glass.

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

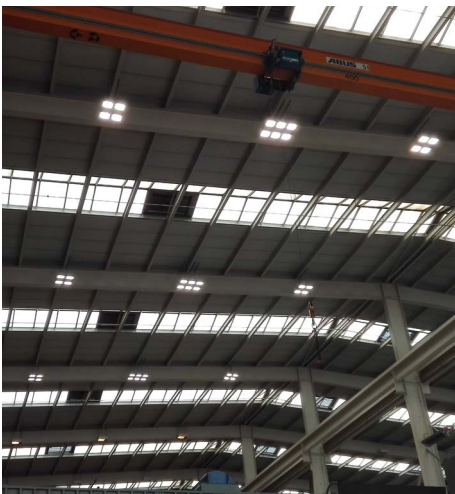


#### ... for ambient temperatures up to +50°C



33050 0056	<b>3305 L840B IFS</b>					26,7	540	80.800	150	2 x HIT 400, HME 1000
33050 0061	<b>3305 L840TB IFS</b>									
33050 0057	<b>3305 L840T IFS</b>									
33050 0206	<b>3305 L840B DIMD IFS</b>	•	•							
33050 0211	<b>3305 L840TB DIMD IFS</b>	•	•							
33050 0207	<b>3305 L840T DIMD IFS</b>	•	•							

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



## Accessories / Spare Parts

Article no.	Type	
33001 9001	<b>ABD 3301</b>	cover, safety glass pane clear (1 segment), for 3301..., 3302..., 3305...
33001 9006	<b>ABD 3301 IFS</b>	cover, disc PC clear IFS (1 segment), for 3301..., 3302..., 3305...
33001 9010	<b>ABD 3301 C</b>	cover, PMMA frosted disc for glare limitation (1 segment), for 3301..., 3302..., 3305...
25600 9000	<b>2560</b>	plastic gland M25x1,5
25720 9000	<b>2572</b>	plastic plug M25x1,5
33001 9012	<b>3305 Y P</b>	1 pair of Y-ropes (2-point-mounting)