

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 702N (mica-iron paint, grey). **4 segments** with LED module, optics behind tempered safety glass (IK08). **2 ECG housings** 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: 2 parts

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: -25°C up to +50°C / +60°C (see article tables).

Options:

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

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.

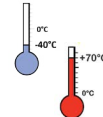
Corridor Mode (DIMC)

DALI interface (DIMD)

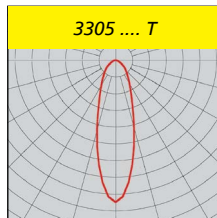
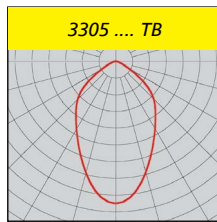
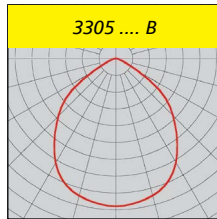
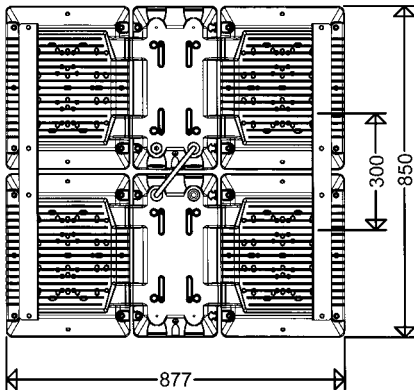
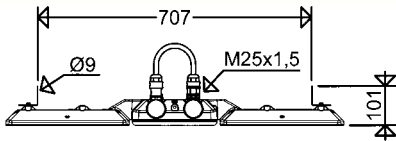
Constant luminous flux function (CL): Luminous flux is kept on a constant level over the entire lifetime of the LED-modules.

Further Options:

- 5,000K, light colour 850
- PMMA cover frosted (F) for glare limitation
- for low ambient temperatures down to -40°C (T40)
- for high ambient temperatures up to +70°C (H70)



- „D“-marking for rooms with higher fire risk (D)
- **FastConnect connecting** for electrical connection without accessing the internal terminal block



Product highlights:

- high system lifetime 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)
- future proof by using standardized LED-modules (Zhaga)

Notes:

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

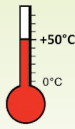
All technical data is relevant at the time of print. Actual technical data can be found in the internet under www.schuch.de.

Article no.	Type	Quantity of ECG	Dimmable	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 *
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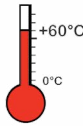
... for ambient temperatures up to +50°C



33050 0050	3305 L840B	4	•				A++	28,4
33050 0058	3305 L840TB	4		•			A++	28,4
33050 0051	3305 L840T	4				•	A++	28,4
33050 0200	3305 L840B DIMD	4	•	•			A++	28,6
33050 0208	3305 L840TB DIMD	4	•		•		A++	28,6
33050 0201	3305 L840T DIMD	4	•			•	A++	28,6

540	80.800	150	2 x HIT 400 1 x HME 1000
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... for ambient temperatures up to +60°C



33050 0052	3305 L440B H60	4	•				A++	28,4
33050 0059	3305 L440TB H60	4		•			A++	28,4
33050 0054	3305 L440T H60	4				•	A++	28,4
33050 0202	3305 L440B DIMD H60	4	•	•			A++	28,4
33050 0209	3305 L440TB DIMD H60	4	•		•		A++	28,4
33050 0204	3305 L440T DIMD H60	4	•			•	A++	28,4
33050 0053	3305 L640B H60	4	•				A++	28,4
33050 0060	3305 L640TB H60	4		•			A++	28,4
33050 0055	3305 L640T H60	4				•	A++	28,4
33050 0203	3305 L640B DIMD H60	4	•	•			A++	28,4
33050 0210	3305 L640TB DIMD H60	4	•		•		A++	28,4
33050 0205	3305 L640T DIMD H60	4	•			•	A++	28,4

268	43.200	161	2 x HIT 250 HME 400
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384	60.000	156	2 x HIT 400 1 x HME 1000
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* This date is a rough guideline. In individual cases a lighting calculation is required.
** see notes

3305... IFS



for application in food industry areas

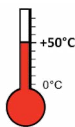
Applications:

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	4	•				A++	24,4
33050 0061	3305 L840TB IFS	4		•			A++	24,4
33050 0057	3305 L840T IFS	4				•	A++	24,4
33050 0206	3305 L840B DIMD IFS	4	•	•			A++	24,6
33050 0211	3305 L840TB DIMD IFS	4	•		•		A++	24,6
33050 0207	3305 L840T DIMD IFS	4	•			•	A++	24,6

540	80.800	150	2 x HIT 400 1 x HME 1000
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* This date is a rough guideline. In individual cases a lighting calculation is required.
** see notes

High Bay Fittings

Accessories / Spare Parts

Article no.	Type	
33001 9001	3301/010	spare safety glass 4 glasses per fitting necessary
33001 9006	3301/010 IFS	PC cover for use in the food industry (IFS) 4 glasses per fitting necessary
33001 9010	3301/010 F	PMMA-cover, frosted for glare limitation 4 glasses per fitting necessary
25600 9000	2560	plastic gland M25x1,5
25720 9000	2572	plastic plug M25x1,5
33001 9012	3305 Y P	1 pair of Y-ropes, (2-point-mounting)