

DUEVO XL

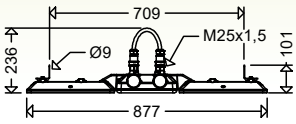
LED High Bay Fitting

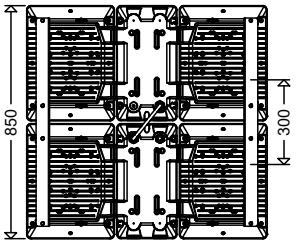
Series 3305...

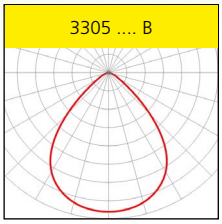
Applications:
Production areas and warehouses, maintenance and assembly shops, cool storage facilities, walkways in rack areas, hardware stores etc.

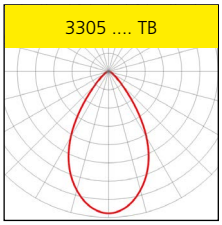
Design:
Housing: Die-cast aluminum, DB 702 (mica-iron paint, grey). 4 segments with LED module, optics behind tempered safety glass (IK10). 2 ECG segments with integrated electronic control gear, prewired on terminals.

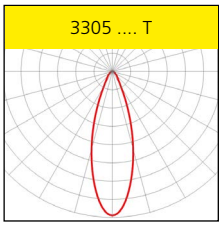
Light distribution: With optics wide (**B**), Narrow-wide (**TB**) or narrow beam (**T**).
Entries: 1 gland and 1 blind plug M25 x 1.5.
Mounting: On angle profile with 4 holes Ø 9 mm at a distance of 300mm, see acessories.
Delivery status: Multi-part





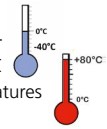






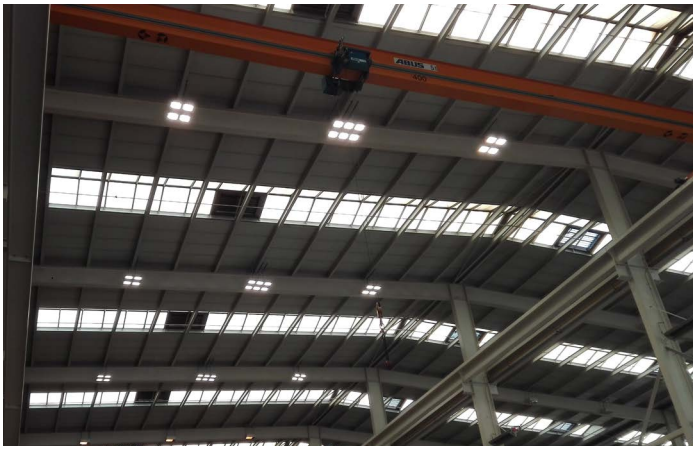
Technical Data:
LED module: 4,000 K, CRI > 80, service life L_{95} > 100,000 h at max. ambient temperature, Zhaga compliant
ECG: 220-240 V, 50/60 Hz, Surge voltage resistance 4 kV, overload and short circuit protection.
Ambient temperature: -25 °C up to .. °C (see article tables)

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 DALI-2 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-moules, 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
- 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



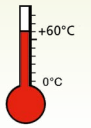
! Properties, limitations and details for controlling LED-light fittings:
See "Technical Supplement"

All data are correct at the time of printing. Actual technical data can be found under www.schuch.de.

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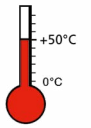
IP65

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



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 *
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

IP65

for application in food industry areas

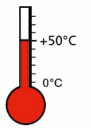
Applications:
Production halls in the food industry, locations which come under the requirements of the IFS Food (International Featured Standard, Food), BRC, or HACCP, e.g. manufacture of food packaging.

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
90022 0007	**BF SAH Y 420/90 ST P**	1 pair of Y-ropes (2-point-mounting)