

NEW

TRIANO XL Generation 3

LED High Bay Fitting

Series 3405... G3



Applications:

Indoor areas with high mounting heights or with a requirement for high illumination levels. E.g. shipyards, hangars, machine-, maintenance- and assembly shops, hardware stores etc..

Design:

LED-segments: Robust four-part extruded aluminium housing with cooling fins, LED-modules and flat safety glasses (IK09)
All case parts powder coated in DB 702 (mica-iron paint, grey).

ECG-housing: Cast aluminium

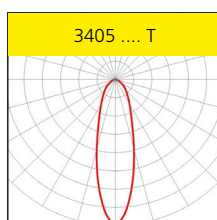
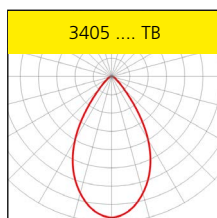
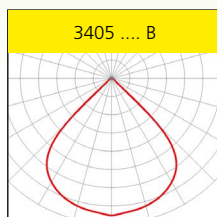
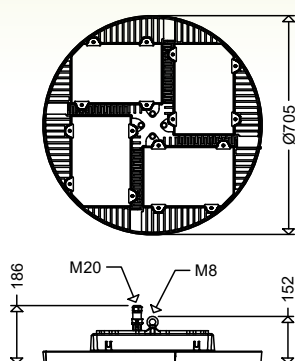
All case parts powder coated in DB 702,

smooth, matt.

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

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

Mounting: 1-point suspension, eyelet included.



Technical Data:

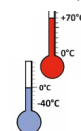
LED module: 5,000 K or 4,000 K, CRI > 80, service life L_{80} > 100,000 h at 25 °C ambient temperature, service life L_{70} > 100,000 h at max. ambient temperature, Zhaga compliant

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

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

Options:

- 5,000 K; light colour (850), e.g. in combination with TRIANO or TRIANO L high-bay luminaires
- in accordance with 'International Featured Standard Food' (IFS), with PC cover, without optics
- for higher ambient temperatures (H70), up to +70 °C
- for lower ambient temperatures (T40), down to -40 °C
- silicone-free



- Ready for Lightmanagement System (RFL)
- 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)
- radio-controlled Light Management System for industrial indoor areas (LIMAS Air)

Product highlights:

- long-lasting, corrosion-resistant die-cast aluminium housing
- excellent thermal management through cooling fin structure and direct connection of the LED modules to the housing. Huge heat sink, excellent heat dissipation, excellent convection.
- 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
- high energy cost savings thanks to low connected load and high efficiency
- fast mounting and commissioning due to 1-point suspension and FastConnect quick-connector
- sustainable, control gear and LED-module replaceable by qualified personnel on-site

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	dimming	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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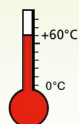
3405... G3



colour temperature 4.000K (light colour 840)

34052 0003	3405 L320B G3	•				60	15,6
34052 0005	3405 L320TB G3		•			60	15,6
34052 0007	3405 L320T G3				•	60	15,6
34052 0004	3405 L320B G3 DIMD	•	•			60	15,6
34052 0006	3405 L320TB G3 DIMD	•		•		60	15,6
34052 0008	3405 L320T G3 DIMD	•			•	60	15,6

190 32.000 168 HIT 400



colour temperature 5.000K (light colour 850)

34052 0027	3405 L320B G3 850	•				60	15,6
34052 0029	3405 L320TB G3 850		•			60	15,6
34052 0031	3405 L320T G3 850				•	60	15,6
34052 0028	3405 L320B G3 DIMD 850	•	•			60	15,6
34052 0030	3405 L320TB G3 DIMD 850	•		•		60	15,6
34052 0032	3405 L320T G3 DIMD 850	•			•	60	15,6

190 32.000 168 HIT 400

colour temperature 4.000K (light colour 840)

34052 0011	3405 L450B G3	•				60	15,6
34052 0013	3405 L450TB G3		•			60	15,6
34052 0015	3405 L450T G3				•	60	15,6
34052 0012	3405 L450B G3 DIMD	•	•			60	15,6
34052 0014	3405 L450TB G3 DIMD	•		•		60	15,6
34052 0016	3405 L450T G3 DIMD	•			•	60	15,6

280 45.000 161 HIT 400, HME 700

colour temperature 5.000K (light colour 850)

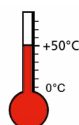
34052 0035	3405 L450B G3 850	•				60	15,6
34052 0037	3405 L450TB G3 850		•			60	15,6
34052 0039	3405 L450T G3 850				•	60	15,6
34052 0036	3405 L450B G3 DIMD 850	•	•			60	15,6
34052 0038	3405 L450TB G3 DIMD 850	•		•		60	15,6
34052 0040	3405 L450T G3 DIMD 850	•			•	60	15,6

280 45.000 161 HIT 400, HME 700

colour temperature 4.000K (light colour 840)

34052 0019	3405 L600B G3	•				50	15,6
34052 0021	3405 L600TB G3		•			50	15,6
34052 0023	3405 L600T G3				•	50	15,6
34052 0020	3405 L600B G3 DIMD	•	•			50	15,6
34052 0022	3405 L600TB G3 DIMD	•		•		50	15,6
34052 0024	3405 L600T G3 DIMD	•			•	50	15,6

392 60.000 153 2 x HIT 400, HME 1000



colour temperature 5.000K (light colour 850)

34052 0043	3405 L600B G3 850	•				50	15,6
34052 0045	3405 L600TB G3 850		•			50	15,6
34052 0047	3405 L600T G3 850				•	50	15,6
34052 0044	3405 L600B G3 850 DIMD	•	•			50	15,6
34052 0046	3405 L600TB G3 850 DIMD	•		•		50	15,6
34052 0048	3405 L600T G3 850 DIMD	•			•	50	15,6

392 60.000 153 2 x HIT 400, HME 1000

* The given information is for rough orientation only. In each individual case a lighting calculation is necessary. (VG = ballast)

Accessories / Spare Parts

Article no.	Type	
34011 9011	ABD 3405	cover, clear safety glass pane, for 3405...,