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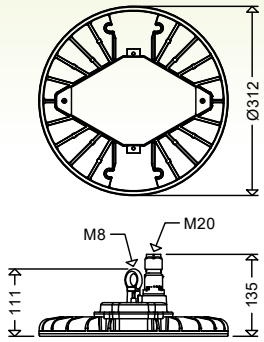
TRIANO *disc* Generation 4
LED High Bay Fitting
Series 3410/3420/3430... G4

Applications:
Production, assembly and storage halls in the commercial and industrial sectors, the food and supply industries (IFS), cold rooms, cold stores, DIY stores, etc.

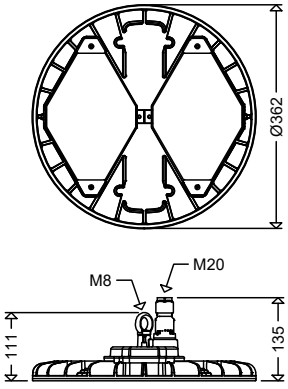
Design:
Robust die-cast aluminum body with cooling fins and integrated ECG housing, powder-coated in DB 702.
LED-module, PC covers with integrated optics.

Light distribution:
wide- (**B**) or narrow-wide beam (**TB**).
Connection: 3-pole (**DIMD** 5-pole) quick connection plug (**FastConnect FC-A**).
Mounting: 1-point suspension, suspended. Ring eyelet included.

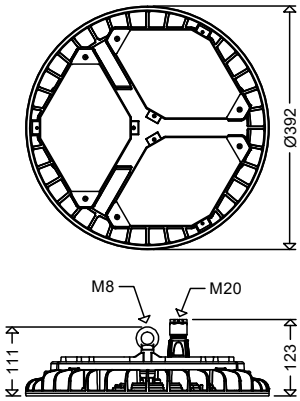
3410 ... G4



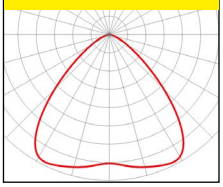
3420 ... G4



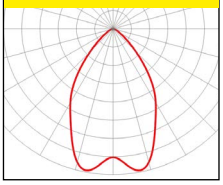
3430 ... G4



3410/3420/3430 .... B



3420/3430 .... TB

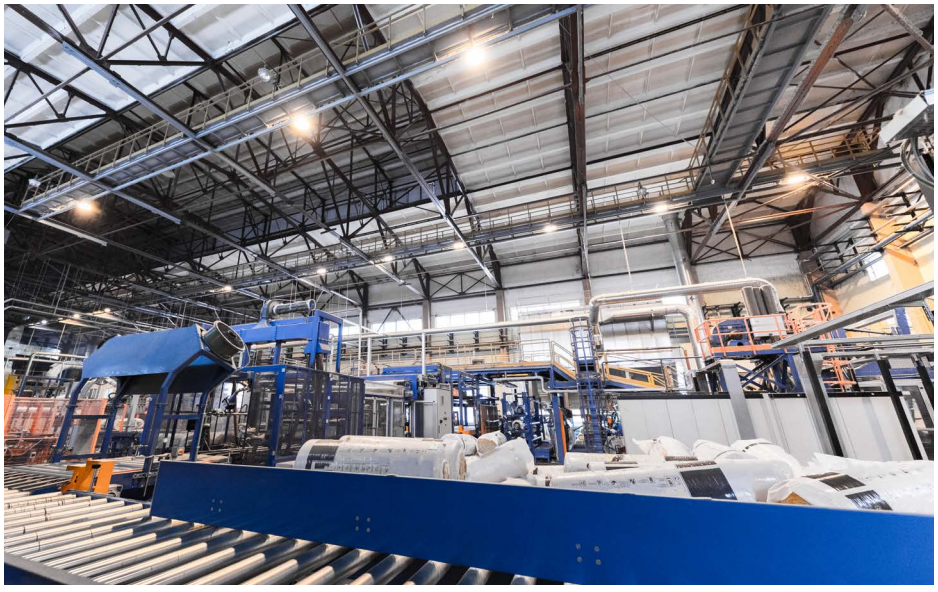


Technical Data:
LED module: 4,000 K or 5,000 K, CRI > 80, service life L_{95} > 100,000 h at max. ambient temperature
ECG: 220-240 V, 50/60 Hz, overload and short circuit protection
Ambient temperature: -25 °C up to .. °C (see article tables)

Options:
- 3,000 K; light colour (**830**)
– PMMA cover, with prismatic structure to limit glare
- for lower ambient temperatures (**T40**), down to -40 °C
- for higher ambient temperatures (**H70**), up to +70 °C
- for higher ambient temperatures (**H80**), up to +80 °C
– increased resistance (**ER**), against corrosive atmospheres
– ball sports proof version, spring-mounted or ceiling-mounted (3420 and 3430 series only)
– with integrated infrared motion detector
– swivel bracket for ceiling mounting

Options Luminous flux adjustment / Lighting control / Lighting management:
– power reduction with control phase (**LR**)
– constant luminous flux function (**CL**)
– radio-controlled Light Management System LIMAS Air CASA for industrial indoor areas
– wired (**DALI**) Light Management System LIMAS Line BASIC/PRO

Product highlights:
- **robust die-cast aluminium housing** with a high-quality powdercoating
- **compact, low-profile design** for use even in confined spaces
- **innovative cooling fin design for optimum heat dissipation and efficient convection,** ensuring reliable operation even at high ambient temperatures
- **exceptionally long service life of L95 > 100,000 h** at the maximum permissible ambient temperature
- **high luminous efficacy,** offering significant potential for savings on energy and running costs
- **ideal for use in the food industry** and itssupply chain, and compliant with all relevant IFS requirements
- **FastConnect quick connection plug** for tool-free electrical connection without opening the luminaire
- **repair-friendly design with replaceable components**
- **long-term availability of spare parts** for maximum investment security
- **5-year guarantee**
- developed and manufactured in Germany **"Made in Germany"**



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.

The luminaires listed are suitable for use in food areas (**IFS / HACCP**).

3410/3420/3430... G4

IP65

3410... G4



Article no.	Type	Wide beam	Narrow wide beam	DALI dimmable	Light colour	Tmax [°C]	Weight [kg] (without packing material)	Connected load [W]	Luminous flux [lm]	Light output [lm/W]	Substitute for *
34102 0001	**3410 L100B G4**	•			840	60	2,1	56	10.000	179	HME250
34102 0002	**3410 L100B G4 DIMD**	•		•	840						
34102 0003	**3410 L100B G4 850**	•			850						
34102 0004	**3410 L100B G4 DIMD 850**	•		•	850						

3420... G4



34202 0001	**3420 L200B G4**	•			840	50	2,8	112	20.000	179	HIT250, HME400, HIE400 (HI-EVG)
34202 0002	**3420 L200TB G4**		•		840						
34202 0003	**3420 L200B G4 DIMD**	•		•	840						
34202 0004	**3420 L200TB G4 DIMD**		•	•	840						
34202 0005	**3420 L200B G4 850**	•			850						
34202 0006	**3420 L200TB G4 850**		•		850						
34202 0007	**3420 L200B G4 DIMD 850**	•		•	850						
34202 0008	**3420 L200TB G4 DIMD 850**		•	•	850						

3430... G4



34302 0001	**3430 L300B G4**	•			840	50	4,0	168	30.000	179	HIE400 (HS-EVG), HIT400
34302 0002	**3430 L300TB G4**		•		840						
34302 0003	**3430 L300B G4 DIMD**	•		•	840						
34302 0004	**3430 L300TB G4 DIMD**		•	•	840						
34302 0005	**3430 L300B G4 850**	•			850						
34302 0006	**3430 L300TB G4 850**		•		850						
34302 0007	**3430 L300B G4 DIMD 850**	•		•	850						
34302 0008	**3430 L300TB G4 DIMD 850**		•	•	850						

BestSelect – a selection of tried-and-tested SCHUCH luminaires for your everyday needs. More at: www.schuch.de/BestSelect

3410/3420/3430... G4 VARIO SET

IP65

Design:

Same as the standard version, but with the VARIO SET function: The luminous flux of VARIO luminaires is variably adjustable. This makes them universally usable, depending on requirements.
The VARIO SET function allows the luminous flux to be adjusted directly via the existing light switch or contactor. The connected load will change depending on the setting of the luminous flux.

Product highlights of the VARIO version:

- no need to open the luminaire
- **synchronised luminous flux adjustment** for all luminaires in a switched lighting group
- **can be changed at any time** (e.g. if the use of the premises changes, resulting in different lighting level requirements)
- **five predefined luminous flux levels available**
- **no additional app or accessories required**

34103 0001	**3410 L100B G4 VARST**	•			840	60	2,1	11 - 56	2.000 - 10.000	179 - 181	HME250
34103 0002	**3410 L100B G4 VARST 850**	•			850						
34203 0001	**3420 L200B G4 VARST**	•			840	50	2,8	20 - 112	4.000 - 20.000	179 - 200	HIT250, HME400, HIE400 (HI-EVG)
34203 0002	**3420 L200TB G4 VARST**		•		840						
34203 0003	**3420 L200B G4 VARST 850**	•			850						
34203 0004	**3420 L200TB G4 VARST 850**		•		850						
34303 0001	**3430 L300B G4 VARST**	•			840	50	4,0	30 - 168	6.000 - 30.000	179 - 200	HIE400 (HS-EVG), HIT400
34303 0002	**3430 L300TB G4 VARST**		•		840						
34303 0003	**3430 L300B G4 VARST 850**	•			850						
34303 0004	**3430 L300TB G4 VARST 850**		•		850						

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

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

3410/3420/3430... G4 ZB

IP65

for central power supply systems

For connection to central power supply systems for illuminating and escape routes.

Technical data:
Light fitting with incorporated fuse for cut-off in case of failure according to DIN EN 60598-2-22, section 22.7.3.
Connection voltage: 220-240 V, 50/60 Hz and 220V DC, overload and short circuit protection
Ambient temperature: -25 °C to ... °C (see article table)

Other versions with a percentage reduction in luminous flux in DC mode (ZB15, ZB30, etc.) are also available.

Article no.	Type	Wide beam	Narrow wide beam	DC-Level (%)	Light colour	Tmax [°C]	Weight [kg] (without packing material)	Connected load [W]	Luminous flux [lm]	Light output [lm/W]	Substitute for *
34104 0001	**3410 L100B G4 ZB**	•		100	840	60	2,1	56	10.000	179	HME250
34104 0002	**3410 L100B G4 ZB50**	•		50	840						
34104 0003	**3410 L100B G4 ZB20**	•		20	840						
34204 0001	**3420 L200B G4 ZB**	•		100	840	50	2,8	112	20.000	179	HIT250, HME400, HIE400 (HI-EVG)
34204 0002	**3420 L200TB G4 ZB**		•	100	840						
34204 0003	**3420 L200B G4 ZB50**	•		50	840						
34204 0004	**3420 L200TB G4 ZB50**		•	50	840						
34204 0005	**3420 L200B G4 ZB20**	•		20	840						
34204 0006	**3420 L200TB G4 ZB20**		•	20	840						
34304 0001	**3430 L300B G4 ZB**	•		100	840	50	4,0	168	30.000	179	HIE400 (HS-EVG), HIT400
34304 0002	**3430 L300TB G4 ZB**		•	100	840						
34304 0003	**3430 L300B G4 ZB50**	•		50	840						
34304 0004	**3430 L300TB G4 ZB50**		•	50	840						
34304 0005	**3430 L300B G4 ZB20**	•		20	840						
34304 0006	**3430 L300TB G4 ZB20**		•	20	840						

* 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 9004	**ABD TRIANO B PC**	cover, clear PC disc , wide beam (for 1 LED module), with optics, for 3401..., 3402..., 3403..., 3410..., 3420..., 3430...
34011 9005	**ABD TRIANO TB PC**	cover, clear PC disc, narrow-beam wide distribution (for 1 LED module), with optics, for 3401..., 3402..., 3403..., 3410..., 3420..., 3430...