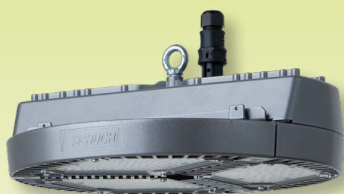
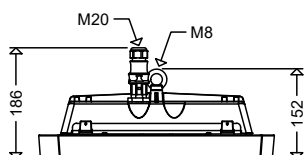
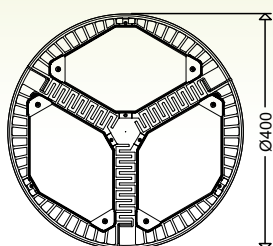


NEW

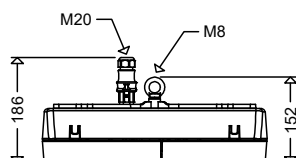
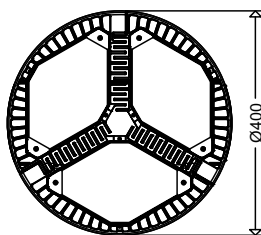
TRIANO 3rd Generation LED High Bay Fitting Series 3401/3402... G3



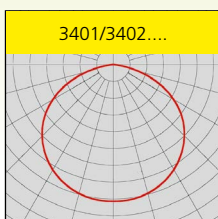
3401... G3



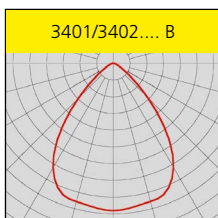
3402... G3



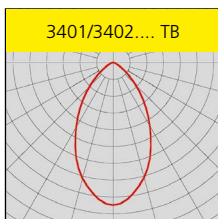
3401/3402....



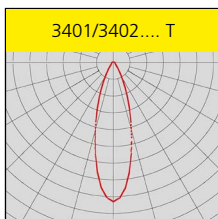
3401/3402.... B



3401/3402.... TB



3401/3402.... T



Applications:

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

Design:

LED-segment: Robust three-part cast aluminium housing with cooling fins, LED-modules and flat safety glasses (IK09), versions B, TB or T with PC-cover and incorporated optics.

ECG-housing: Cast aluminium

All case parts powder coated in DB 702, smooth, matt.

Light distribution: Without optics wide beam, 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: 4,000 K or 5,000 K, CRI > 80, service life $L_{80} > 100,000$ h at 25 °C ambient temperature, service life $L_{80} > 80,000$ h at max. ambient temperature
ECG: 220-240 V, 50/60 Hz, Surge voltage resistance 4 kV, overload and short circuit protection.

Ambient temperature: -25 °C up to see article tables

Options:

- according to 'International Featured Standard Food' (IFS), with PC cover, without optics
- for higher ambient temperatures (H70), up to +70 °C
- silicone-free
- for connection to central emergency supply systems (ZB)
- dimming function via DALI2 interface, compatible with LIMAS Line wired Light Management System (DIMD)
- constant luminous flux function (CL)
- radio-controlled Light Management System for industrial indoor areas (LIMAS Air)

General 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.



The versions with optics (B, TB and T) are suitable for use in food areas (IFS/HACCP).

Article no.	Type	diminable	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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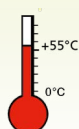
3401... G3



colour temperature 4.000K (light colour 840)

34017 0001	3401 L100 G3	•				55	6,3
34017 0002	3401 L100B G3	•				55	6,3
34017 0003	3401 L100TB G3			•		55	6,3
34017 0004	3401 L100 G3 DIMD	•	•			55	6,3
34017 0005	3401 L100B G3 DIMD	•	•			55	6,3
34017 0006	3401 L100TB G3 DIMD	•		•		55	6,3

61	10.000	164	HME 250
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colour temperature 5.000K (light colour 850)

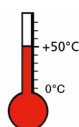
34017 0013	3401 L100 G3 850	•				55	6,3
34017 0014	3401 L100B G3 850	•				55	6,3
34017 0015	3401 L100TB G3 850			•		55	6,3
34017 0016	3401 L100 G3 DIMD 850	•	•			55	6,3
34017 0017	3401 L100B G3 DIMD 850	•	•			55	6,3
34017 0018	3401 L100TB G3 DIMD 850	•		•		55	6,3

61	10.000	164	HME 250
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colour temperature 4.000K (light colour 840)

34017 0007	3401 L200 G3	•				50	6,3
34017 0008	3401 L200B G3	•				50	6,3
34017 0009	3401 L200TB G3			•		50	6,3
34017 0010	3401 L200 G3 DIMD	•	•			50	6,3
34017 0011	3401 L200B G3 DIMD	•	•			50	6,3
34017 0012	3401 L200TB G3 DIMD	•		•		50	6,3

123	20.000	163	HIT 250, HME 400, HIE 400 (HS-VG)
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colour temperature 5.000K (light colour 850)

34017 0019	3401 L200 G3 850	•				50	6,3
34017 0020	3401 L200B G3 850	•				50	6,3
34017 0021	3401 L200TB G3 850			•		50	6,3
34017 0022	3401 L200 G3 DIMD 850	•	•			50	6,3
34017 0023	3401 L200B G3 DIMD 850	•	•			50	6,3
34017 0024	3401 L200TB G3 DIMD 850	•		•		50	6,3

123	20.000	163	HIT 250, HME 400, HIE 400 (HS-VG)
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* The given information is for rough orientation only. In each individual case a lighting calculation is necessary. (VG = ballast)

The versions with optics (B, TB and T) are suitable for use in food areas (IFS/HACCP).

Article no.	Type	diminable	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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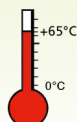
3402... G3



colour temperature 4.000K (light colour 840)

34012 0023	3402 L100 G3	•				65	6,5
34012 0025	3402 L100B G3		•			65	6,5
34012 0027	3402 L100TB G3			•		65	6,5
34012 0024	3402 L100 G3 DIMD	•	•			65	6,5
34012 0026	3402 L100B G3 DIMD	•	•			65	6,5
34012 0028	3402 L100TB G3 DIMD	•		•		65	6,5

61 10.000 164 HME 250



colour temperature 5.000K (light colour 850)

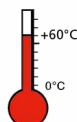
34012 0001	3402 L100 G3 850		•			65	6,5
34012 0003	3402 L100B G3 850		•			65	6,5
34012 0005	3402 L100TB G3 850			•		65	6,5
34012 0002	3402 L100 G3 DIMD 850	•	•			65	6,5
34012 0004	3402 L100B G3 DIMD 850	•	•			65	6,5
34012 0006	3402 L100TB G3 DIMD 850	•		•		65	6,5

61 10.000 164 HME 250

colour temperature 4.000K (light colour 840)

34012 0029	3402 L200 G3		•			60	6,5
34012 0031	3402 L200B G3		•			60	6,5
34012 0033	3402 L200TB G3			•		60	6,5
34012 0035	3402 L200T G3				•	60	6,5
34012 0030	3402 L200 G3 DIMD	•	•			60	6,5
34012 0032	3402 L200B G3 DIMD	•	•			60	6,5
34012 0034	3402 L200TB G3 DIMD	•		•		60	6,5
34012 0036	3402 L200T G3 DIMD	•			•	60	6,5

123 20.000 163 HIT 250,
HME 400,
HIE 400 (HS-VG)



colour temperature 5.000K (light colour 850)

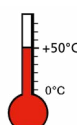
34012 0007	3402 L200 G3 850		•			60	6,5
34012 0009	3402 L200B G3 850		•			60	6,5
34012 0011	3402 L200TB G3 850			•		60	6,5
34012 0013	3402 L200T G3 850				•	60	6,5
34012 0008	3402 L200 G3 DIMD 850	•	•			60	6,5
34012 0010	3402 L200B G3 DIMD 850	•	•			60	6,5
34012 0012	3402 L200TB G3 DIMD 850	•		•		60	6,5
34012 0014	3402 L200T G3 DIMD 850	•			•	60	6,5

123 20.000 163 HIT 250,
HME 400,
HIE 400 (HS-VG)

colour temperature 4.000K (light colour 840)

34012 0037	3402 L300 G3		•			50	6,7
34012 0039	3402 L300B G3		•			50	6,7
34012 0041	3402 L300TB G3			•		50	6,7
34012 0043	3402 L300T G3				•	50	6,7
34012 0038	3402 L300 G3 DIMD	•	•			50	6,7
34012 0040	3402 L300B G3 DIMD	•	•			50	6,7
34012 0042	3402 L300TB G3 DIMD	•		•		50	6,7
34012 0044	3402 L300T G3 DIMD	•			•	50	6,7

190 30.000 158 HIE 400 (HS-VG),
HIT 400



colour temperature 5.000K (light colour 850)

34012 0015	3402 L300 G3 850		•			50	6,7
34012 0017	3402 L300B G3 850		•			50	6,7
34012 0019	3402 L300TB G3 850			•		50	6,7
34012 0021	3402 L300T G3 850				•	50	6,7
34012 0016	3402 L300 G3 DIMD 850	•	•			50	6,7
34012 0018	3402 L300B G3 DIMD 850	•	•			50	6,7
34012 0020	3402 L300TB G3 DIMD 850	•		•		50	6,7
34012 0022	3402 L300T G3 DIMD 850	•			•	50	6,7

190 30.000 158 HIE 400 (HS-VG),
HIT 400

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

High Bay
Fittings

Article no.	Type	diminable	Wide beam	Narrow wide beam	Tmax [°C]	Weight [kg] (without packing material)	Connected load [W]	Luminous flux [lm] ¹⁾	Light output [lm/W]	Substitute for *
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3402... G3 VARIO

IP65



Design:

Same as type 3402... G3 but: With a switch for for variable adjustment of the luminous flux in the luminaire. The connected load will change depending on the setting of the luminous flux.

Product highlights of the VARIO version:

- universally usable due to variable setting of the luminous flux, depending on the requirement
- simple and quick adjustment on-site without tools
- can be changed at any time (e.g. change of use of the premises with new requirements in regard to the level of illumination)



colour temperature 4.000K (light colour 840)

34014 0001	3402 L200 G3 VARIO	•	60	6,5	70 - 123	11.430 - 20.000	163	HME 250 - HIT 250, HME 400, HIE 400 (HI-VG)
34014 0002	3402 L200B G3 VARIO	•	60	6,5				
34014 0003	3402 L200TB G3 VARIO	•	60	6,5				

colour temperature 5.000K (light colour 850)

34014 0007	3402 L200 G3 VARIO 850	•	60	6,5	70 - 123	11.430 - 20.000	163	HME 250 - HIT 250, HME 400, HIE 400 (HI-VG)
34014 0008	3402 L200B G3 VARIO 850	•	60	6,5				
34014 0009	3402 L200TB G3 VARIO 850	•	60	6,5				

colour temperature 4.000K (light colour 840)

34014 0004	3402 L300 G3 VARIO	•	50	6,7	109 - 190	17.140 - 30.000	158	HIT 250, HME 400, HIE 400 (HI-VG) - HIE 400 (HS-VG), HIT 400
34014 0005	3402 L300B G3 VARIO	•	50	6,7				
34014 0006	3402 L300TB G3 VARIO	•	50	6,7				

colour temperature 5.000K (light colour 850)

34014 0010	3402 L300 G3 VARIO 850	•	50	6,7	109 - 190	17.140 - 30.000	158	HIT 250, HME 400, HIE 400 (HI-VG) - HIE 400 (HS-VG), HIT 400
34014 0011	3402 L300B G3 VARIO 850	•	50	6,7				
34014 0012	3402 L300TB G3 VARIO 850	•	50	6,7				

Factory setting L200: 123 W; replaces approx. ca. HIT 250
Factory setting L300: 190 W; replaces approx. HIT 400

1) possible setting range

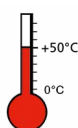
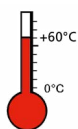


Foto: Rosoriginal, Alphen aan den Rijn

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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NEW

Design RFL - Ready for Light Management System

The luminaires are prepared for the subsequent use of a Light Management System. An integrated socket allows retrofitting of light management components without tools.



Exclusively D4i control gear is being used in RFL luminaires from SCHUCH.

All D4i Zhaga Book 18 certified controllers and D4i Zhaga Book 18 certified sensors available on the market can be used in combination with RFL luminaires from SCHUCH. Controllers and sensors which do not comply with the D4i standard can limit the functionality of the luminaires and components. Moreover, in individual cases, such non-certified components may cause damage to both the luminaires and the components.

Product highlights of the RFL version:

- standardized Zhaga compliant sockets
- subsequent use of a lighting management system possible at any time
- tool-free, quick assembly of the Light Management System components



Available on request with ESG cover, T-optics, and in light color 850.



3402... G3 RFLOU

with a socket on the top and bottom side of the luminaire

colour temperature 4.000K (light colour 840)

34013 0046	3402 L100B G3 RFLOU	•	65	6,5	61	10.000	164	HME250
34013 0047	3402 L100TB G3 RFLOU	•	65	6,5				

colour temperature 5.000K (light colour 850)

34013 0057	3402 L100B G3 850 RFLOU	•	65	6,5	61	10.000	164	HME250
34013 0058	3402 L100TB G3 850 RFLOU	•	65	6,5				

colour temperature 4.000K (light colour 840)

34013 0049	3402 L200B G3 RFLOU	•	60	6,5	123	20.000	163	HIT250, HME400, HIE400 (HS-VG)
34013 0050	3402 L200TB G3 RFLOU	•	60	6,5				

colour temperature 5.000K (light colour 850)

34013 0060	3402 L200B G3 850 RFLOU	•	60	6,5	123	20.000	163	HIT250, HME400, HIE400 (HS-VG)
34013 0061	3402 L200TB G3 850 RFLOU	•	60	6,5				

colour temperature 4.000K (light colour 840)

34013 0053	3402 L300B G3 RFLOU	•	50	6,7	190	30.000	158	HIE400 (HS-VG), HIT400
34013 0054	3402 L300TB G3 RFLOU	•	50	6,7				

colour temperature 5.000K (light colour 850)

34013 0064	3402 L300B G3 850 RFLOU	•	50	6,7	190	30.000	158	HIE400 (HS-VG), HIT400
34013 0065	3402 L300TB G3 850 RFLOU	•	50	6,7				

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

Control components - for smart lighting control LIMAS Air

Article No.	Type	
90546 9013	RFL LIMAS Air HUB TRI	Light management controller (2.4 GHz mesh network) with radio antenna and RFL base.
90547 9009	LIMAS Air TAST INTER UP max 4 KONT	Push-button interface for connecting up to 4 analogue push-button contacts, mounting in flush-mounted box/branch box.
90547 9011	LIMAS Air TAST UP max 4 KONT	Battery-free quadruple wireless pushbutton, pressing the pushbutton generates energy to supply the push-button electronics.

Accessories / Spare Parts

Article no.	Type	
34011 9001	ABD 3401	cover, clear safety glass pane (1 segment), for 3401..., 3402..., 3403..., 3410..., 3420..., 3430...
34011 9003	ABD 3401 PRA	cover, clear PMMA disc with outer prisms (1 segment), for 3401..., 3402..., 3403..., 3410..., 3420..., 3430...
34011 9002	ABD 3401 IFS	cover, clear PC IFS disc (1 segment), for 3401..., 3402..., 3403..., 3410..., 3420..., 3430...
34011 9004	ABD 3401 B	cover, clear PC disc, wide beam (1 segment), for 3401..., 3402..., 3403..., 3410..., 3420..., 3430...
34011 9005	ABD 3401 TB	cover, clear PC disc, narrow-beam wide distribution (1 segment), for 3401..., 3402..., 3403..., 3410..., 3420..., 3430...
34011 9006	ABD 3401 T	cover, clear PC disc, narrow beam (1 segment), for 3401..., 3402..., 3403..., 3410..., 3420..., 3430...