

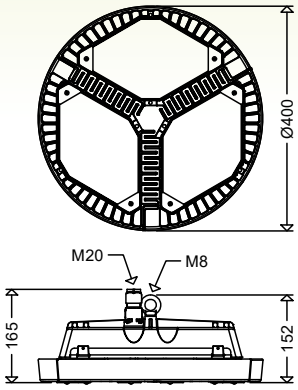
NEW

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

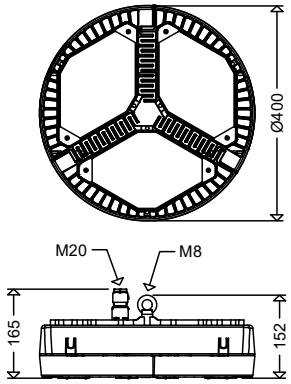
Applications:
Production areas and warehouses, maintenance and assembly shops, cool storage facilities, walkways in rack areas, hardware stores etc.

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: 5-pole quick connection from the outside.
Mounting: 1-point suspension, eyelet included.

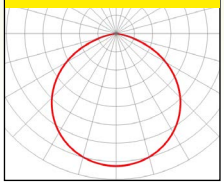
3401... G3



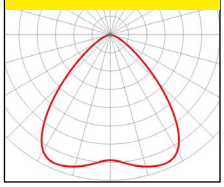
3402... G3



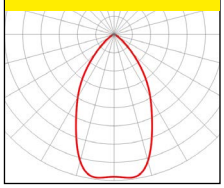
3401/3402....



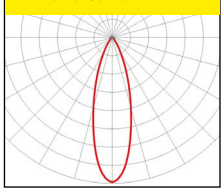
3401/3402.... B



3401/3402.... TB



3401/3402.... T



Technical Data:
LED module: 4,000 K or 5,000 K, CRI > 80, service life L_{90} > 50,000 h at 25 °C ambient temperature, service life L_{70} > 100,000h 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 .. °C (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 DALI-2 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 external quick connection**
- control gear and LED-module replaceable by qualified personnel on-site



! 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.

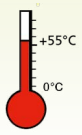
The versions with optics (**B**, **TB** and **T**) are suitable for use in food areas (**IFS / HACCP**).

3401... G3

IP65

colour temperature 4.000K (light colour 840)

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 *
34017 0001	**3401 L100 G3**		•			55	6,3	61	10.000	164	HME250
34017 0002	**3401 L100B G3**		•								
34017 0003	**3401 L100TB G3**			•							
34017 0004	**3401 L100 G3 DIMD**	•	•								
34017 0005	**3401 L100B G3 DIMD**	•	•								
34017 0006	**3401 L100TB G3 DIMD**	•		•							

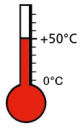


colour temperature 5.000K (light colour 850)

34017 0013	**3401 L100 G3 850**		•			55	6,3	61	10.000	164	HME250
34017 0014	**3401 L100B G3 850**		•								
34017 0015	**3401 L100TB G3 850**			•							
34017 0016	**3401 L100 G3 DIMD 850**	•	•								
34017 0017	**3401 L100B G3 DIMD 850**	•	•								
34017 0018	**3401 L100TB G3 DIMD 850**	•		•							

colour temperature 4.000K (light colour 840)

34017 0007	**3401 L200 G3**		•			50	6,3	123	20.000	163	HIT 250, HME 400, HIE 400 (HS-VG)
34017 0008	**3401 L200B G3**		•								
34017 0009	**3401 L200TB G3**			•							
34017 0010	**3401 L200 G3 DIMD**	•	•								
34017 0011	**3401 L200B G3 DIMD**	•	•								
34017 0012	**3401 L200TB G3 DIMD**	•		•							



colour temperature 5.000K (light colour 850)

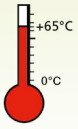
34017 0019	**3401 L200 G3 850**		•			50	6,3	123	20.000	163	HIT 250, HME 400, HIE 400 (HS-VG)
34017 0020	**3401 L200B G3 850**		•								
34017 0021	**3401 L200TB G3 850**			•							
34017 0022	**3401 L200 G3 DIMD 850**	•	•								
34017 0023	**3401 L200B G3 DIMD 850**	•	•								
34017 0024	**3401 L200TB G3 DIMD 850**	•		•							

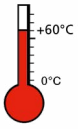
* The given information is for rough orientation only. In each individual case a lighting calculation is necessary. (VG = ballast)

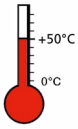
The versions with optics (**B**, **TB** and **T**) are suitable for use in food areas (**IFS / HACCP**).

3402... G3

IP65







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 *
colour temperature 4.000K (light colour 840)											
34012 0023	**3402 L100 G3**		•			65	6,5	61	10.000	164	HME250
34012 0025	**3402 L100B G3**		•								
34012 0027	**3402 L100TB G3**			•							
34012 0024	**3402 L100 G3 DIMD**	•	•								
34012 0026	**3402 L100B G3 DIMD**	•	•								
34012 0028	**3402 L100TB G3 DIMD**	•		•							
colour temperature 5.000K (light colour 850)											
34012 0001	**3402 L100 G3 850**		•			65	6,5	61	10.000	164	HME250
34012 0003	**3402 L100B G3 850**		•								
34012 0005	**3402 L100TB G3 850**			•							
34012 0002	**3402 L100 G3 DIMD 850**	•	•								
34012 0004	**3402 L100B G3 DIMD 850**	•	•								
34012 0006	**3402 L100TB G3 DIMD 850**	•		•							
colour temperature 4.000K (light colour 840)											
34012 0029	**3402 L200 G3**		•			60	6,5	123	20.000	163	HIT250, HME400, HIE400 (HS-VG)
34012 0031	**3402 L200B G3**		•								
34012 0033	**3402 L200TB G3**			•							
34012 0035	**3402 L200T G3**				•						
34012 0030	**3402 L200 G3 DIMD**	•	•								
34012 0032	**3402 L200B G3 DIMD**	•	•								
34012 0034	**3402 L200TB G3 DIMD**	•		•							
34012 0036	**3402 L200T G3 DIMD**	•			•						
colour temperature 5.000K (light colour 850)											
34012 0007	**3402 L200 G3 850**		•			60	6,5	123	20.000	163	HIT250, HME400, HIE400 (HS-VG)
34012 0009	**3402 L200B G3 850**		•								
34012 0011	**3402 L200TB G3 850**			•							
34012 0013	**3402 L200T G3 850**				•						
34012 0008	**3402 L200 G3 DIMD 850**	•	•								
34012 0010	**3402 L200B G3 DIMD 850**	•	•								
34012 0012	**3402 L200TB G3 DIMD 850**	•		•							
34012 0014	**3402 L200T G3 DIMD 850**	•			•						
colour temperature 4.000K (light colour 840)											
34012 0037	**3402 L300 G3**		•			50	6,7	190	30.000	158	HIE400 (HS-VG), HIT400
34012 0039	**3402 L300B G3**		•								
34012 0041	**3402 L300TB G3**			•							
34012 0043	**3402 L300T G3**				•						
34012 0038	**3402 L300 G3 DIMD**	•	•								
34012 0040	**3402 L300B G3 DIMD**	•	•								
34012 0042	**3402 L300TB G3 DIMD**	•		•							
34012 0044	**3402 L300T G3 DIMD**	•			•						
colour temperature 5.000K (light colour 850)											
34012 0015	**3402 L300 G3 850**		•			50	6,7	190	30.000	158	HIE400 (HS-VG), HIT400
34012 0017	**3402 L300B G3 850**		•								
34012 0019	**3402 L300TB G3 850**			•							
34012 0021	**3402 L300T G3 850**				•						
34012 0016	**3402 L300 G3 DIMD 850**	•	•								
34012 0018	**3402 L300B G3 DIMD 850**	•	•								
34012 0020	**3402 L300TB G3 DIMD 850**	•		•							
34012 0022	**3402 L300T G3 DIMD 850**	•			•						

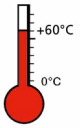
* The given information is for rough orientation only. In each individual case a lighting calculation is necessary. (VG = ballast)

3402... G3 VARIO

Design:
Same as type 3402... G3 but: With an integrated DIP switch for for variable adjustment of the luminous flux in the luminaire.

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)

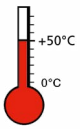


colour temperature 4.000K (light colour 840)

Article no.	Type	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 *
34014 0001	**3402 L200 G3 VARIO**	•		60	6,5	70 - 123	11.430 -20.000	163	HME250 - HIT250, HME400, HIE400 (HI-VG)
34014 0002	**3402 L200B G3 VARIO**	•							
34014 0003	**3402 L200TB G3 VARIO**		•						

colour temperature 5.000K (light colour 850)

34014 0007	**3402 L200 G3 VARIO 850**	•		60	6,5	70 - 123	11.430 -20.000	163	HME250 - HIT250, HME400, HIE400 (HI-VG)
34014 0008	**3402 L200B G3 VARIO 850**	•							
34014 0009	**3402 L200TB G3 VARIO 850**		•						



colour temperature 4.000K (light colour 840)

34014 0004	**3402 L300 G3 VARIO**	•		50	6,7	109 - 190	17.140 - 30.000	158	HIT250, HME400, HIE400 (HI-VG) HIE400 (HS-VG), HIT400
34014 0005	**3402 L300B G3 VARIO**	•							
34014 0006	**3402 L300TB G3 VARIO**		•						

colour temperature 5.000K (light colour 850)

34014 0010	**3402 L300 G3 VARIO 850**	•		50	6,7	109 - 190	17.140 - 30.000	158	HIT250, HME400, HIE400 (HI-VG) HIE400 (HS-VG), HIT400
34014 0011	**3402 L300B G3 VARIO 850**	•							
34014 0012	**3402 L300TB G3 VARIO 850**		•						

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

NEW

RFL - Ready for Light Management Systems

Design:

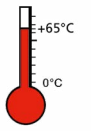
Same as standard version, but prepared for the subsequent use of a Light Management System. Iintegrated sockets allows retrofitting of Light Management components without tools.

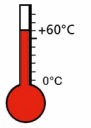
Product highlights:

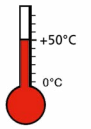
- standardised Zhaga Book 18 compliant sockets with D4i control gear
- subsequent use of a light management system possible at any time
- tool-free, quick assembly of the Light Management System accessories

Available on request with ESG cover and T-optics.









3402... G3 RFLOU

IP65

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

Article no.	Type	Wide beam	Narrow wide beam	Tmax [°C]	Weight [kg] (without packing material)	Connected load [W]	Luminous flux [lm]	Light output [lm/W]	Substitute for *
colour temperature 4.000K (light colour 840)									
34013 0046	**3402 L100B G3 RFLSOU**	•		65	6,5	61	10.000	164	HME250
34013 0047	**3402 L100TB G3 RFLSOU**		•						
colour temperature 5.000K (light colour 850)									
34013 0057	**3402 L100B G3 850 RFLSOU**	•		65	6,5	61	10.000	164	HME250
34013 0058	**3402 L100TB G3 850 RFLSOU**		•						
colour temperature 4.000K (light colour 840)									
34013 0049	**3402 L200B G3 RFLSOU**	•		60	6,5	123	20.000	163	HIT250, HME400, HIE400 (HS-VG)
34013 0050	**3402 L200TB G3 RFLSOU**		•						
colour temperature 5.000K (light colour 850)									
34013 0060	**3402 L200B G3 850 RFLSOU**	•		60	6,5	123	20.000	163	HIT250, HME400, HIE400 (HS-VG)
34013 0061	**3402 L200TB G3 850 RFLSOU**		•						
colour temperature 4.000K (light colour 840)									
34013 0053	**3402 L300B G3 RFLSOU**	•		50	6,7	190	30.000	158	HIE400 (HS-VG), HIT400
34013 0054	**3402 L300TB G3 RFLSOU**		•						
colour temperature 5.000K (light colour 850)									
34013 0064	**3402 L300B G3 850 RFLSOU**	•		50	6,7	190	30.000	158	HIE400 (HS-VG), HIT400
34013 0065	**3402 L300TB G3 850 RFLSOU**		•						

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

System accessories

Article No.	Type	
90547 9011	**LACA TAST4 AP**	Battery-free, 4-button CASAMBI® radio switch. Actuating the switch generates the energy required to power the switch electronics
90547 9009	**LACA TASTIF4 UP**	CASAMBI® push-button interface for connecting up to 4 volt-free push-button inputs. Designed for installation in a flush-mounted wall box
90546 9013	**RFL LACA FM DS**	CASAMBI® radio module with light sensor for RFL sockets

Accessories / Spare Parts

Article no.	Type	
34011 9001	**ABD TRIANO ESGW**	cover, clear safety glass pane (for 1 LED module), for 3401..., 3402..., 3403..., 3410..., 3420..., 3430...
34011 9003	**ABD TRIANO PRA PMMA**	cover, clear PMMA disc with outer prisms (for 1 LED module), for 3401..., 3402..., 3403..., 3410..., 3420..., 3430...
34011 9002	**ABD TRIANO PC**	cover, clear PC IFS disc (for 1 LED module), for 3401..., 3402..., 3403..., 3410..., 3420..., 3430...
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...
34011 9006	**ABD TRIANO T PC**	cover, clear PC disc, narrow beam (for 1 LED module), with optics, for 3401..., 3402..., 3403..., 3410..., 3420..., 3430...
34011 9013	**SAS 3401 G3**	cover, shield gakvanized steel, painted as a dirt shield retrofitting, for 3401... G3
34011 9012	**SAS 3402 G3**	cover, shield gakvanized steel, painted as a dirt shield retrofitting, for 3402... G3