

# TRIANO 2<sup>nd</sup> Generation

## LED High Bay Fitting

### Series 3401/3402... G2

#### Application:

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

#### Design:

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

**ECG-housing 3401...:** Cast aluminium

**ECG-housing 3402...:** Extruded aluminium with cooling fins. All case parts powder coated in DB702N (mica-iron paint, grey).

**Light distribution:** Without optics wide beam, with optics wide (B), narrow-wide (TB) or narrow beam (T).

**Connection:** Plug-type connector (**Fast-Connect**), plug mounted to the housing, socket included.

**Mounting:** 1-point suspension, eyelet included.



#### Technical Data:

**LED module:** 5,000K, CRI > 80, lifetime L<sub>80</sub> > 100,000h at 25°C ambient temperature, lifetime L<sub>70</sub> > 70,000h at max. ambient temperature (see notes).

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

**Note:** Due to the inrush current of the electronic ballasts, the maximum permissible number of light fittings per circuit breaker is limited.

**Ambient temperature:** -20°C up to see article tables

#### Options:

On request also available with the following configurations (please mention in your enquiry or order):

#### Output reduction:

**With control phase (LR):** via 230V control input. Control phase (LST) required. Switching via control phase (LST = 230V: 100%; LST = 0V: 50%). Further dimming levels possible.

#### Corridor Mode (DIMC)

#### DALI interface (DIMD)

**Constant luminous flux function (CL):** Luminous flux is kept on a constant level over the entire lifetime of the LED-modules.

#### Further Options:

- 4,000K, light-colour 840
- for connection to group or central battery systems (ZB)
- ball sports proof version
- PC cover for applications in food industry areas (IFS Food)

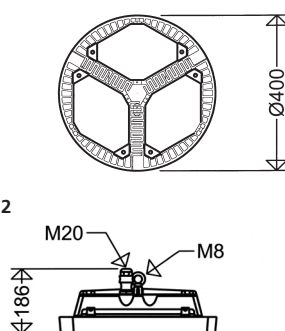
- -sign for locations with increased fire risk (D)
- silicone free
- for high ambient temperatures up to +70°C (H70)



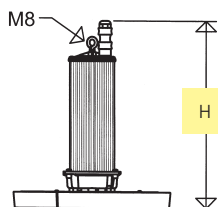
#### SCHUCH Quality - your advantage:

- fast mounting and commissioning due to 1-point suspension and FastConnect quick-connector
- high quality ECG with overload and short circuit protection
- optimized thermal management due to segmentation of the LED modules and direct mounting to the housing. Huge heat sink, excellent heat dissipation, excellent convection
- high system lifetime of up to 100,000h (25°C), >70,000h at maximum ambient temperature
- colour reproduction CRI > 80, according to the workplace guide lines suitable for nearly all plant locations
- uniform illumination due to the „Multi-Layer Technology“ i.e. every individual LED illuminates the whole surface, the light curves of the individual LEDs are overlapping.

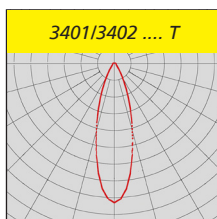
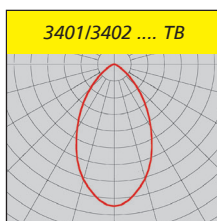
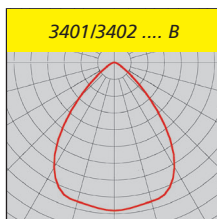
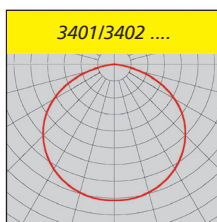
3401 L... G2



3402 L... G2



Series	H [mm]
3402 L180 DIMD	590
3402 L250	510
3402 L250 DIMD	510



#### Notes:

Properties, limitations and details for controlling LED-light fittings: See „Technical Supplement“.

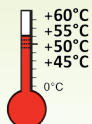
All technical data is relevant at the time of print. Actual technical data can be found in the internet under [www.schuch.de](http://www.schuch.de).

Article no.	Type	Quantity of ECG	Dimmable	Wide beam	Narrow wide beam	Narrow beam	Tmax [°C]	Energy efficiency class	Weight [kg] (without packing material)	Power consumption [W] **	Luminous flux [lm] **	Light output [lm/W]	Substitute for *
-------------	------	-----------------	----------	-----------	------------------	-------------	-----------	-------------------------	---	-----------------------------	-----------------------	---------------------	------------------



## 3401/3402... G2

Versions with PC-Optics are suitable for use in IFS-applications!



34010 0100	<b>3401 L120 G2</b>	1	•				55	A++	6,3	84	13.500	161	HME250
34010 0102	<b>3401 L120 G2 DIMD</b>	1	•	•			55	A++	6,3				
34010 0101	<b>3401 L180 G2</b>	1	•				50	A++	6,3				
34010 0112	<b>3401 L180B G2</b>	1	•				50	A++	6,1				
34010 0111	<b>3401 L180TB G2</b>	1		•			50	A++	6,1				
34010 0122	<b>3401 L180T G2</b>	1			•		50	A++	6,1	123	20.000	163	HIT250 HME400 HIE 400 (HI-VG)
34010 0401	<b>3402 L180 G2 DIMD</b>	1	•	•			60	A++	8,2				
34010 0414	<b>3402 L180B G2 DIMD</b>	1	•	•			60	A++	8,0				
34010 0413	<b>3402 L180TB G2 DIMD</b>	1	•	•	•		60	A++	8,0				
34010 0432	<b>3402 L180T G2 DIMD</b>	1	•		•		60	A++	8,0				
34010 0400	<b>3402 L250 G2</b>	3	•	•			45	A++	8,1				
34010 0416	<b>3402 L250B G2</b>	3	•				45	A++	7,9				
34010 0415	<b>3402 L250TB G2</b>	3		•			45	A++	7,9				
34010 0433	<b>3402 L250T G2</b>	3			•		45	A++	7,9				
34010 0402	<b>3402 L250 G2 DIMD</b>	3	•	•			45	A++	8,1	198	29.500	149	HIT400 HIE400 (HS-VG)
34010 0417	<b>3402 L250B G2 DIMD</b>	3	•	•			45	A++	7,9				
34010 0412	<b>3402 L250TB G2 DIMD</b>	3	•	•	•		45	A++	7,9				
34010 0434	<b>3402 L250T G2 DIMD</b>	3	•		•		45	A++	7,9				

\* see notes

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



High Bay  
Floodlights

## Accessories / Spare Parts

Article no.	Type	
34011 9001	<b>3401/010</b>	spare safety glass, for BR 3401/3402... (3 glasses per fitting necessary)
34011 9004	<b>3401/012 B</b>	spare cover PC, wide beam for BR 3401/3402... B 3 (3 glasses per fitting necessary)
34011 9005	<b>3401/012 TB</b>	spare cover PC, narrow-wide beam for BR 3401/3402... TB (3 glasses per fitting necessary)
34011 9006	<b>3401/012 T</b>	spare cover PC, narrow beam for BR 3401/3402... T (3 glasses per fitting necessary)
34011 9002	<b>3401/010 IFS</b>	PC cover, for BR 3401/3402... IFS (3 glasses per fitting necessary)