

NEW

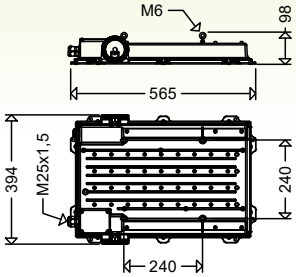
AREALO 2

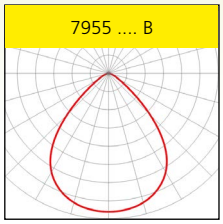
LED High Bay Fitting
Series 7955...

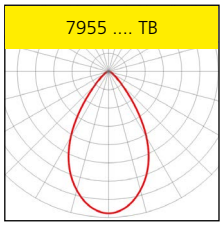
Applications:
Production and storage halls in commerce and industry, cold rooms, cold stores, DIY stores, aisles in warehouses, covered areas such as driveways, petrol stations, etc.

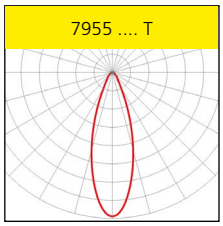
Design:
Housing: Die-cast aluminum, powder-coated to DB 702, with LED modules and flat safety glass (impact resist IK09), pressure compensation system, silicone seal.

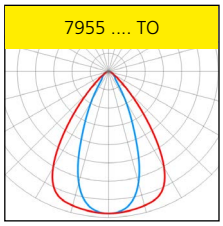
Light distribution: With optics wide beam (**B**), narrow wide beam (**TB**) or narrow beam (**T**), narrow oval beaam (**TO**) for illumination of aisles in rack areas respectively asymmetrical beam (**A**).
Entries: 1 gland M25 x 1.5.
Connection: 3-pole (**DIMD** 5-pole) plug-in terminal in the connection chamber.
Mounting: 4 eyelets included in delivery.

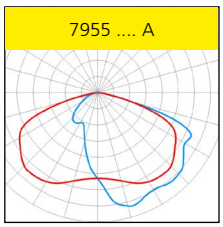












Technical Data:
LED module: 4,000 K, CRI > 80, service life L_{95} > 100,000 h at max. ambient temperature, Zhaga compliant
ECG: 220-240 V, 50/60 Hz, overload and short circuit protection.
Ambient temperature: -25°C up to .. °C (see article tables)

Options:
- 5,000 K; light colour (**850**)
- green LEDs, for lighting potato stores
- cable looping at 1 small side
- for lower ambient temperatures (**T40**), down to -40 °C



- increased resistance (**ER**), against corrosive atmospheres
- for connection to a central power supply system (**ZB**)
- additional overvoltage protection

Options Luminous flux adjustment / Lighting control / Lighting management:
- variably adjustable luminous flux via the external VARIO SET switch (**VARST**)
- power reduction with control phase (**LR**)
- constant luminous flux function (**CL**)
- radio-controlled Light Management System for industrial indoor areas (**LIMAS Air**)
- dimming function via DALI-2 interface, compatible with LIMAS Line wired Light Management System (**DIMD**)

Product highlights:
- **highly corrosion-resistant, durable,** powder-coated die-cast aluminium housing
- **weight-optimised, flat, compact design**
- **integrated pressure equalisation system**
- **excellent thermal management** guarantees reliable operation even in low and high temperature ranges
- **very long service life L95 > 100,000 h** at the maximum permissible ambient temperature
- **high luminous efficacy,** offering significant potential for savings on energy and running costs
- **quick to install** thanks to a connection compartment that is easily accessible from the outside
- **Luminaires are repairable, components are replaceable**
- **future proof** due to the use of Zhaga-standardised LED modules
- **long-term availability of spare parts** for maximum investment security
- **5-year guarantee**
- **Made in Germany**



High Bay Fittings

! Properties, limitations and details for controlling LED-light fittings:
See "Technical Supplement"

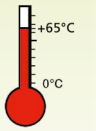
All data are correct at the time of printing. Actual technical data can be found under www.schuch.de.

Dimming function via DALI-2 interface, compatible with LIMAS Line wired Light Management System (DIMD).

7955...

IP66

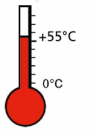
... for ambient temperatures up to +65 °C



Article no.	Type	Dimmable	Wide beam	Narrow wide beam	Narrow beam	Asymmetrical beam	Tmax [°C]	Weight [kg] (without packing material)	Connected load [W]	Luminous flux [lm]	Light output [lm/W]	Substitute for *
79550 0002	**7955 L190B**		•				65	8,2	102	19.900	195	HIE 400
79550 0003	**7955 L190TB**			•								
79550 0004	**7955 L190T**				•							
79550 0005	**7955 L190TO**				•							
79550 0007	**7955 L190B DIMD**	•	•									
79550 0008	**7955 L190TB DIMD**	•		•								
79550 0009	**7955 L190T DIMD**	•			•							
79550 0010	**7955 L190TO DIMD**	•			•							

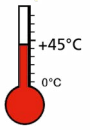
... for ambient temperatures up to +55 °C

A price-optimised version.



Article no.	Type	Dimmable	Wide beam	Narrow wide beam	Narrow beam	Asymmetrical beam	Tmax [°C]	Weight [kg] (without packing material)	Connected load [W]	Luminous flux [lm]	Light output [lm/W]	Substitute for *
NEW 79550 0051	**7955 L210B**		•				55	7,9	130	23.000	177	HIE 400
79550 0052	**7955 L210TB**			•								
79550 0053	**7955 L210T**				•							
79550 0054	**7955 L210TO**				•							
79550 0057	**7955 L210B DIMD**	•	•									
79550 0058	**7955 L210TB DIMD**	•		•								
79550 0059	**7955 L210T DIMD**	•			•							
79550 0060	**7955 L210TO DIMD**	•			•							
79550 0012	**7955 L250B**		•				55	8,2	144	27.500	191	HIE 400 (HS-VG), HIT 400
79550 0013	**7955 L250TB**			•								
79550 0014	**7955 L250T**				•							
79550 0015	**7955 L250TO**				•							
79550 0017	**7955 L250B DIMD**	•	•									
79550 0018	**7955 L250TB DIMD**	•		•								
79550 0019	**7955 L250T DIMD**	•			•							
79550 0020	**7955 L250TO DIMD**	•			•							

... for ambient temperatures up to +45 °C

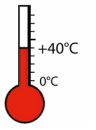


Article no.	Type	Dimmable	Wide beam	Narrow wide beam	Narrow beam	Asymmetrical beam	Tmax [°C]	Weight [kg] (without packing material)	Connected load [W]	Luminous flux [lm]	Light output [lm/W]	Substitute for *
79550 0022	**7955 L360B**		•				45	8,2	205	38.300	187	HIT 400
79550 0023	**7955 L360TB**			•								
79550 0024	**7955 L360T**				•							
79550 0025	**7955 L360TO**				•							
79550 0027	**7955 L360B DIMD**	•	•									
79550 0028	**7955 L360TB DIMD**	•		•								
79550 0029	**7955 L360T DIMD**	•			•							
79550 0030	**7955 L360TO DIMD**	•			•							

A price-optimised version.

Article no.	Type	Dimmable	Wide beam	Narrow wide beam	Narrow beam	Asymmetrical beam	Tmax [°C]	Weight [kg] (without packing material)	Connected load [W]	Luminous flux [lm]	Light output [lm/W]	Substitute for *
NEW 79550 0063	**7955 L420B**		•				45	8,4	260	46.000	177	2 x HIT 250, HME 400
79550 0064	**7955 L420TB**			•								
79550 0065	**7955 L420T**				•							
79550 0066	**7955 L420TO**				•							
79550 0069	**7955 L420B DIMD**	•	•									
79550 0070	**7955 L420TB DIMD**	•		•								
79550 0071	**7955 L420T DIMD**	•			•							
79550 0072	**7955 L420TO DIMD**	•			•							

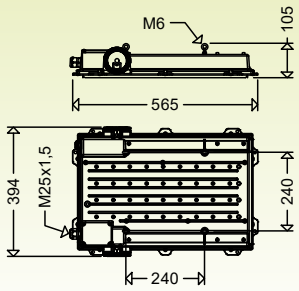
... for ambient temperatures up to +40 °C

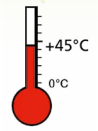


Article no.	Type	Dimmable	Wide beam	Narrow wide beam	Narrow beam	Asymmetrical beam	Tmax [°C]	Weight [kg] (without packing material)	Connected load [W]	Luminous flux [lm]	Light output [lm/W]	Substitute for *
79550 0032	**7955 L470B**		•				40	8,5	289	52.000	180	2 x HIT 250, HME 400
79550 0033	**7955 L470TB**			•								
79550 0034	**7955 L470T**				•							
79550 0035	**7955 L470TO**				•							
79550 0037	**7955 L470B DIMD**	•	•									
79550 0038	**7955 L470TB DIMD**	•		•								
79550 0039	**7955 L470T DIMD**	•			•							
79550 0040	**7955 L470TO DIMD**	•			•							

* This date is a rough guideline. In individual cases a lighting calculation is required.

IFS Food / BRC / VDMA / HACCP
SCHUCH Light Fittings designed for food and beverage industry applications are in accordance with IFS Food / BRC / VDMA standards. They can be operated without restrictions in operations that must fulfill the HACCP Concept.





7955... IFS

IP66

for application in food industry areas

Applications:
Production halls in the food industry, locations which come under the requirements of the IFS Food (International Featured Standard, Food), BRC or HACCP, e.g. manufacture of food packaging.

Design:
With clear PC cover instead of the flat safety glass. Other versions 7955... are also available as IFS luminaires (on request).

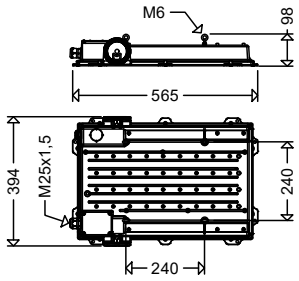
Article no.	Type	Dimmable	Wide beam	Narrow wide beam	Narrow beam	Asymmetrical beam	Tmax [°C]	Weight [kg] (without packing material)	Connected load [W]	Luminous flux [lm]	Light output [lm/W]	Substitute for *
79550 0101	**7955 L360B IFS**		•				45	8,2	205	38.300	187	HIT 400
79550 0102	**7955 L360TB IFS**			•								
79550 0103	**7955 L360T IFS**				•							
79550 0104	**7955 L360TO IFS**				•							
79550 0106	**7955 L360B DIMD IFS**	•	•									
79550 0107	**7955 L360TB DIMD IFS**	•		•								
79550 0108	**7955 L360T DIMD IFS**	•			•							
79550 0109	**7955 L360TO DIMD IFS**	•			•							

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RFL - Ready for Light Management Systems

Design:
Same as standard version, but prepared for the subsequent use of a Light Management System. Integrated 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



7955... RFL...

IP66

with a socket on the top side of the luminaire

Article no.	Type	Dimmable	Wide beam	Narrow wide beam	Narrow beam	Asymmetrical beam	Tmax [°C]	Weight [kg] (without packing material)	Connected load [W]	Luminous flux [lm]	Light output [lm/W]	Substitute for *
79551 0002	**7955 L360B RFLSO**		•				45	8,2	205	38.300	187	HIT 400
79551 0003	**7955 L360TB RFLSO**			•								
79551 0004	**7955 L360T RFLSO**				•							
79551 0005	**7955 L360TO RFLSO**				•							

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

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

7955... SBL

IP66

for use in Swimming pools

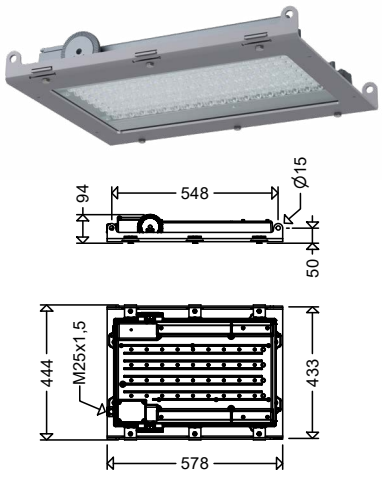


Applications:
Swimming pools, indoor pools and chlorinated environments

Design:
Modified for high protection against chlorinated atmospheres.

Attention:
Fastening cables, ceiling and wall mountings must be specially designed. Other versions 7955... are also available as SBL luminaires (on request).

79554 0002	**7955 L360B SBL**		•				45	8,2	205	38.300	187	HIT 400
79554 0003	**7955 L360TB SBL**			•								
79554 0004	**7955 L360A SBL**					•						
79554 0006	**7955 L360B DIMD SBL**	•	•									
79554 0007	**7955 L360TB DIMD SBL**	•		•								
79554 0008	**7955 L360A DIMD SBL**	•				•						



7955... V

IP66

for use in galvanising plants

Applications:
A specially developed version designed for use in galvanising plants and electroplating facilities.

Design:
As standard version 7955..., but: Stable support frame made of galvanised and powder-coated steel.

Attention:
Fastening cables must be specially designed.
Other versions 7955... are also available as V luminaires (on request).

79553 0002	**7955 L360B V**		•				45	8,2	205	38.300	187	HIT 400
79553 0003	**7955 L360TB V**			•								
79553 0004	**7955 L360T V**				•							
79553 0007	**7955 L360B DIMD V**	•	•									
79553 0008	**7955 L360TB DIMD V**	•		•								
79553 0009	**7955 L360T DIMD V**	•			•							

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Accessories / Spare Parts

Article no.	Type	
79558 0001	**ABD 7955 ESGW**	cover, safety glass pane clear
79559 0001	**WDBF 7955 ST**	Wall and ceiling mounting, galvanised steel, painted in DB 702
79559 0003	**WDBF 7955 E4**	Wall and ceiling mounting, stainless steel V4A, for SBL version, painted in DB 702
90022 0006	**BF SAH Y 420/45 ST P**	1 pair of Y-ropes