



Explosion-Protected Light Fitting for lamps up to 250 W Series d6300...

Application:

Hazardous locations of zones 1 and 2; 21 and 22 high installations in tank stations.

Design:

Housing and glass retaining ring:

From weather resistant cast aluminium, powder coated in light grey (RAL 7035), with hinged glass retaining ring with locking bolt, roller ring gasket; ballast, condenser and if necessary ignitor are located in the upper section of the housing.

Globe: Thermal glass located in the glass retaining ring.

Connection terminals: Standard: L1+N+PE max. up to 2,5mm²; up to 6mm² upon request; internal and external connection of earth conductor.

Cable entries: 2 entries M25 x 1,5 (1 gland, 1 locking screw).

Mounting method: Facing downwards or swivelled up to ± 40° off-centre.

Mechanical installation: Variable; accessories please see „spare parts / accessories“.

Technical Data:

Rated voltage: KVG: 230V, 50Hz (Standard);

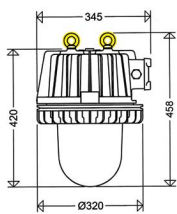
ECG: 220-240V AC/DC, 0 or 50/60Hz

Admissible ambient temperature: -20°C up to +40°C/+50°C (depending on version)

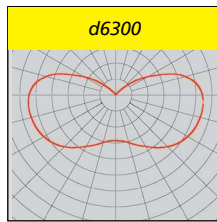
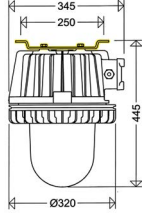
Options:

- special versions for 110 - 277V AC, 110 - 250V DC, 50Hz or 60Hz
- with connection terminals up to 10mm²
- connection terminals up to 6mm²
- hard coated version for installation in very aggressive atmospheres (e.g. offshore installations)
- 2. cable gland for in/out-wiring
- with wire guard
- with external reflector
- with swivel arm

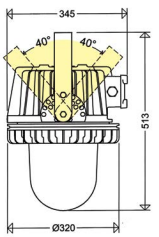
Eye bolts RS 8 P



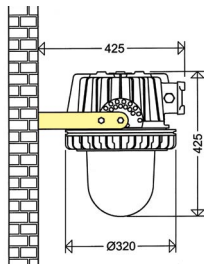
Ceiling bracket 62 A



Mounting 63 SWB

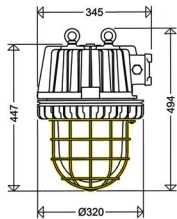


Wall mounting



Swivel range ± 40°
adjustable in steps of 10°

Wire guard SK



SCHUCH Quality - your advantage:

- **robust industrial design for reliable and safe long-term use**
 - sturdy and corrosion-resistant housing made of cast aluminium
 - all outer screws and bolts made of stainless steel
 - solid, shock resistant safety glass dome
- **easy to install and to maintain**
 - easy installation due to cast on connection box in increased safety
 - easy lamp replacement due to hinged glass retaining ring



Foto: BASF

Article no.	Type *	Temp.-class	Tmax [°C]	Anzahl Leuchtmittel	Lamp output Watt	lamp holder	HIE	HSE	Energy efficiency class	Weight [kg] without packing material
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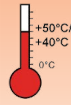
d6300...



II 2 G Ex db eb IIC
T6,T4

II 2 D Ex tb IIIC
T90-130°C

IP66/67



EC-Type Examination Certificate:

PTB10 ATEX 1003X

Ignition protection:

d (flameproof encapsulation)

Marking:

II 2 G Ex db eb IIC T6,T4 (Zone 1)

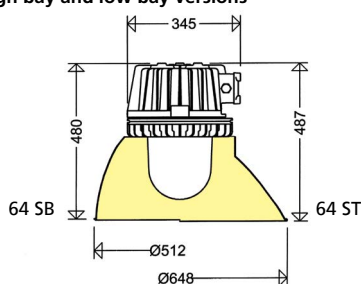
II 2 D Ex tb IIIC T90-130°C (Zone 21)

63000 0021	d6300/150HI	T4	40	1	150	E27	•		A+	12,6
63000 0003	d6300/250HI	T4	40	1	250	E40	•		A	17,0
63000 0009	d6300/250HI H50	T4	50	1	250	E40	•		A	17,0
63000 0025	d6300/150HS	T4	50	1	150	E40		•	A+	13,9
63000 0005	d6300/250HS	T4	40	1	250	E40		•	A+	17,0
63000 0013	d6300/250HS H50	T4	50	1	250	E40		•	A+	17,0

* article nos. for comp. versions see price list

Explosion protected
Light Fittings

d 6300 with external reflector
of high bay and low bay versions



Accessories / Spare Parts

Artikel-Nr.	Type	
63001 0001	63 ST	external reflector narrow beam
90097 0001	64 SB	external reflector wide beam
90117 9000	2537	ex-protected plastic cable gland M25 x 1,5 (for .../250HI, ... H50, .../250HS)
90117 9001	2537 MS	ex-protected brass gland M25 x 1,5 (for .../250HI, ... H50, .../250HS)
90028 0002	RS 8 P	1 pair of eye bolts, galvanized steel, M8
90010 0001	62 A	ceiling bracket, galvanized steel
90246 0001	63 SWB	swivel arm, galvanized steel
63002 0001	63 SK	wire guard