



## 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 2,5mm<sup>2</sup>; up to 6mm<sup>2</sup> 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);

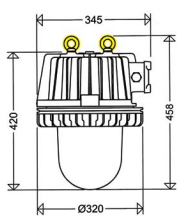
ECG: 220-240V AC/DC, 0 or 50/60Hz

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

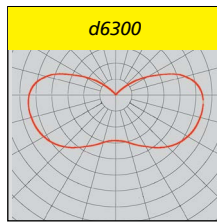
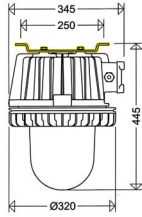
### Options:

- special versions for 110 - 277V AC, 110 - 250V DC, 50Hz or 60Hz
- with connection terminals up to 10mm<sup>2</sup>
- connection terminals up to 6mm<sup>2</sup>
- 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

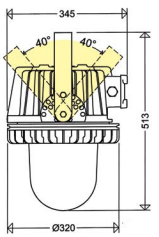
### Eye bolts RS 8 P



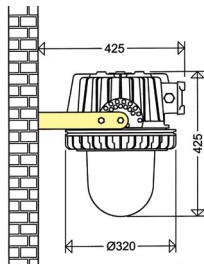
### Ceiling bracket 62 A



### Mounting 63 SWB

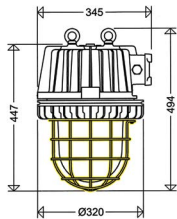


### Wall mounting



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
-------------	--------	-------------	-----------	---------------------	------------------	-------------	-----	-----	-------------------------	--------------------------------------

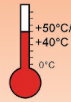
**d6300...**



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)

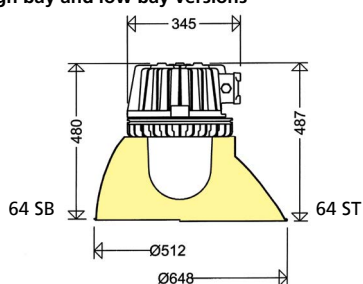
II 2 D Ex tb IIIC T90-130°C (Zone 21)

63000 0021	<b>d6300/150HI</b>	T4	40	1	150	E27	•		A+	12,6
63000 0003	<b>d6300/250HI</b>	T4	40	1	250	E40	•		A	17,0
63000 0009	<b>d6300/250HI H50</b>	T4	50	1	250	E40	•		A	17,0
63000 0025	<b>d6300/150HS</b>	T4	50	1	150	E40		•	A+	13,9
63000 0005	<b>d6300/250HS</b>	T4	40	1	250	E40		•	A+	17,0
63000 0013	<b>d6300/250HS H50</b>	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	<b>63 ST</b>	external reflector narrow beam
90097 0001	<b>64 SB</b>	external reflector wide beam
90117 9000	<b>2537</b>	ex-protected plastic cable gland M25 x 1,5 (for d6300/100-250 HI, .../100-150 HS)
90117 9001	<b>2537 MS</b>	ex-protected brass gland M25 x 1,5 (for .../250HI, ... H50, .../250HS)
90028 0002	<b>RS 8 P</b>	1 pair of eye bolts, galvanized steel, M8
90010 0001	<b>62 A</b>	ceiling bracket, galvanized steel
90246 0001	<b>63 SWB</b>	swivel arm, galvanized steel
63002 0001	<b>63 SK</b>	wire guard