

IIC wellglass luminaires for low energy, halogen and incandescent lamps flameproof



0947 36
wellglass luminaire AB14

For 18 to 200 W lamps without ballast, all voltages

- Grey painted grade marine aluminium alloy body and bezel
- Internal aluminium reflector
- Sealed shock resistant wellglass
- E27 lampholder
- Threaded flamepath
- Connection via 1 x 2.5 mm² terminal on lampholder or 2 x 4 mm² on terminal block supplied
- Suspension via integrated eye bolt with \varnothing 11 mm hole for version with side cable entries 0947 36 and 0947 37
- Suspension direct on conduit NPT 3/4" for 0947 38
- Supplied with one blanking plug : M20 - 0947 36
NPT 3/4" - 0947 37
- Permissible lamps (not supplied):
200 W incandescent max.
160 W mixed max.
150 W halogen max.
18/20/25 W compact fluorescent max.

Catalogue numbers

Cable entries	Weight (Kg)	Volume (dm ³)	Cat. No. M20	Cat. No. NPT 3/4	Pack
2 side	5	35.3	0947 36	0947 37	1
1 via the top	5	35.3		0947 38	1

Accessories

	Cat. No.	Pack
Zinc-plated steel protective guard	0947 73	1
Hinged brackets for installation on flat surface	0947 76	1
External reflector	0947 69	1

For special options, please consult us:

- Possibility of signalling by adding coloured globe (power limited to 100 W)
- Discharge lamp with separate wiring accessory box

Spare parts (see page 290)

Cable glands (see pages 252-263)

Zone 1 & 2 - 21 & 22	ATEX	IEC	EC	II2G/D	IK 08
EEx d IIC	T6-T5-T4-T3	T° = 75°C to 135°C		IP 66	

TECHNICAL DATA

Zones : 1 and 2 and 21 - 22

- According to CENELEC:
 - Conforming to ATEX 94/9 EC Directive and standards EN 50014 - 18
 - EC0081 II2G for gas EEx d IIC T = (+)
 - EC0081 II2D T = (+) for dust
- According to IEC:
 - Conforming to standards IEC 60079 - 0/1/7
 - LCIE Ex 02 - 004
 - Ex d IIC T (*) for gas
 - DIPA 21 TA = (+) for dust

T (*) Power and source	Dust Surface temp. Ta=40°C	Gas					
		Temp class according to ambient temperature (Ta)					
		Ta = + 40°C		Ta = + 50°C			
		Cable temp.	Temp. class	Opening time	Cable temp.	Temp. class	Waiting time *
18 W fluorescent	+ 75°C		T6			T5	
20 W fluorescent	+ 75°C		T6			T5	
25 W fluorescent	+ 75°C		T6			T5	
70 W halogen	+ 120°C		T4	15 min	+ 90°C	T3	15 min
150 W halogen	+ 135°C	+ 85°C	T4	10 min	+ 95°C	T3	15 min
160 W mixed	+ 135°C	+ 115°C	T4	10 min	+ 125°C	T3	15 min
200 W incandescent	+ 135°C	+ 115°C	T4	10 min	+ 125°C	T3	15 min

* Before opening

Approvals :

- Approved type AB14
- LCIE 02 ATEX 6053
- declaration of conformity 50231
- Conforming to standard EN 60598-1 and IEC 60598-1 for luminaires
- Conforming to standards EN 50281-1-1 and IEC 61241-1-1 "combustible dust"
- Conforming to standard EN 55015 concerning electromagnetic compatibility (EMC)

Protection index : IP 66 according to EN 60529 and IEC 60529

- Mechanical resistance IK 08 according to EN 50102

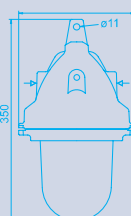
Anticorrosion treatment and climate protection : see page G50

Operating temperatures : - 40°C to + 50°C

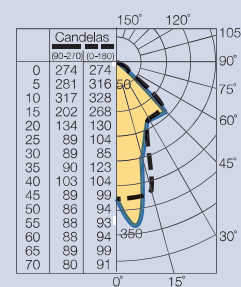
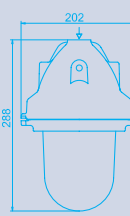
200 W incandescent
Efficiency 66,5 %
NF C 71-121 : 0,60 H + 0,06 T

Dimensions (mm) :

0947 37



0947 38



Data sheet available on request

Part number in bold : fast moving references