

TECHNICAL DATA



Zones :

- 1 and 2 and 21-22

Classification:

- According to CENELEC :
 - Conforming to ATEX - 94/9 EC Directive and standards EN 50014-18
 - EC 0081 II 2 G for gas

Explosion classification according to table below for gas :

| Cat. Nos. | Group |
|--|-------------|
| 0948 54 (with or without reflector) | EExd IIC-T6 |
| 0948 00/04/26/29/52/57/59 (without reflector) | EExd IIC-T6 |
| 0948 00/04/26/29/52/57/59 (with reflector) | EExd IIC-T5 |
| 0948 01/02/05/06/27/28/30/31 (with or without reflector) | EExd IIB-T6 |

- EC 0081 II 2 D T = + 85°C for dust

- According to IEC :

Explosion classification according to table below for gas :

| Cat. Nos. | Group |
|--|------------|
| 0948 54 (with or without reflector) | Exd IIC-T6 |
| 0948 00/04/26/29/52/57/59 (without reflector) | Exd IIC-T6 |
| 0948 00/04/26/29/52/57/59 (with reflector) | Exd IIC-T5 |
| 0948 01/02/05/06/27/28/30/31 (with or without reflector) | Exd IIB-T6 |

- Conforming to standards IEC 60079-0/1
- DIPA 21 TA = + 85°C for dust

Approvals :

- Approved type FLd
- CENELEC LCIE 97 ATEX 6012
- IEC LCIE Ex 03.012
- declaration of conformity No. 50203
- Conforming to standards EN 60 598-1 and IEC 60 598-1 for luminaires
- Conforming to standards EN 50 281-1-1 and IEC 61241-1-1 "combustible dust"
- Conforming to standards EN 55 015 and EN 61 547 concerning electromagnetic compatibility (EMC)

Protection index :

- IP 66/67 according to EN 60529 and IEC 60529
- Impact resistance IK 08 according to EN 50102

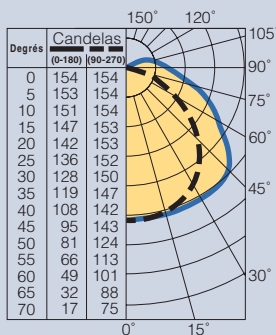
Operating temperature :

- 20°C to + 55°C

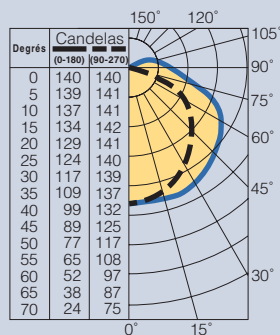
Anticorrosion treatment and climate protection : see page G50

Other temperatures : please consult us

2 x 18 W
Efficiency 56,2 %
NFC 71-121 : 0,52 G + 0,04 T



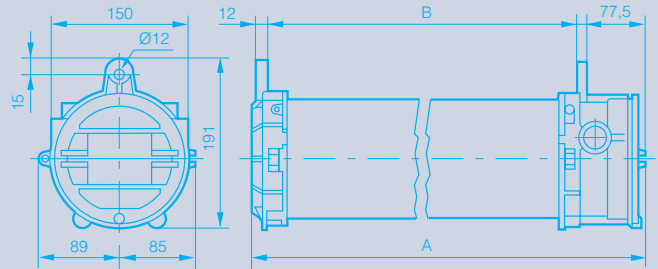
2 x 36 W
Efficiency 53,6 %
NFC 71-121: 0,50 G + 0,04 T



| Zone 1 & 2 - 21 & 22 | ATEX | IEC | EC | II 2 G/D |
|----------------------|----------|----------|----------|----------|
| EEx d IIB or IIC | T6 or T5 | T = 85°C | IP 66/67 | IK 08 |

Dimensions (mm) :

| Cat. Nos. | A | B |
|------------------------|------|------|
| 0948 52/57 | 430 | 335 |
| 0948 00/04/26/29/54/59 | 745 | 650 |
| 0948 01/05/27/30 | 1365 | 1260 |
| 0948 02/06/28/31 | 1655 | |

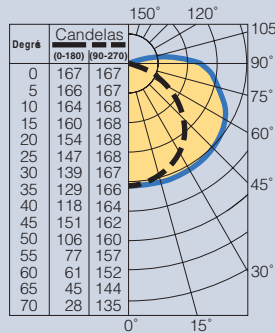


Photometric data (photometry p. G62) polar curves for a 1000 lm flux, according to NF C 71-120

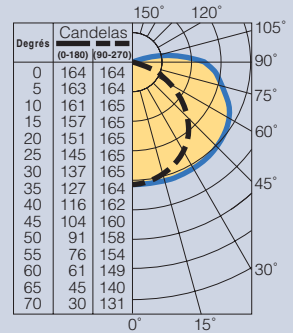
Luminaire symbol according to NF C 71-121

--- longitudinal
— transverse

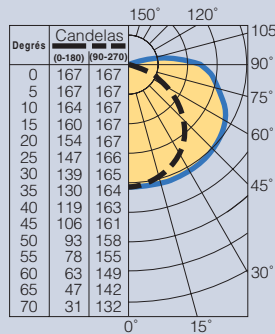
1 x 18 W
Efficiency 75,3 %
NFC 71-121/0 : 0,69 H + 0,06 T



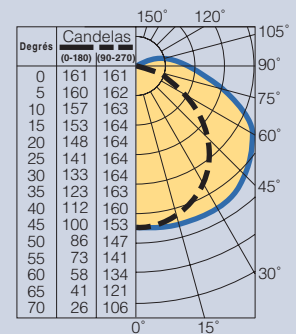
1 x 36 W
Efficiency 74,3 %
NFC 71-121: 0,69 H + 0,05 T



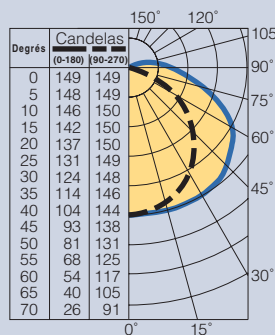
1 x 58 W
Efficiency 74,5 %
NFC 71-121 : 0,70 H + 0,05 T



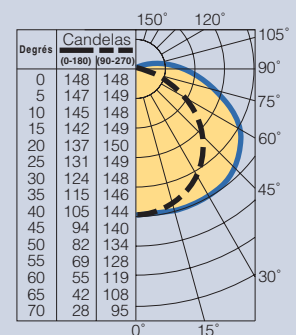
2 x 18 W
Efficiency 68,1 %
NFC 71-121: 0,63 G + 0,05 T



2 x 36 W
Efficiency 61,5 %
NFC 71-121 : 0,57 G + 0,04 T



2 x 58 W
Efficiency 61,3 %
NFC 71-121: 0,57 G + 0,04 T



Data sheet available on request

Distributor: A.S.P. Electro-Technology Ltd,
39 London Road, Hinckley, LE10 1HQ. U.K.
Email: sales@asp-electro-tech.com

Tel: 01455 635796 Fax: 01455 251110



Web: asp-electro-tech.com.