

Floodlight for armoured and non-armoured cable

zone 2 and 22



0950 47

70 to 400 W floodlight

- 230/240 V \pm 10% 50 Hz compensated power supply
 - Power factor \geq 0.9
- Painted aluminium alloy cover
- Glass sealed on hinged frame
- Anodised aluminium internal reflector
- E40 lampholder (E27 for 70W HP Sodium)
- Operates in any position - Subject to lamp operation
- 2 self-tightening connection terminal blocks: capacity : 2 x 6 mm² max.
 - 2 earth terminals capacity 6 mm²
- Two threaded cable entries
- Supplied with:
 - One M20 blanking plug

Catalogue numbers

Permissible lamps (not supplied)	Type		Weight (kg)	Volume (dm ³)	Cat. No. 230/240V	Pack
	(1)	(2)				
70 W HP sodium	x	x	12.1	62.5	0950 33	1
150 W HP sodium	x	x	12.9	62.5	0950 36	1
250 W HP sodium	x	x	14.3	62.5	0950 42	1
400 W HP sodium	x	x	16	62.5	0950 43	1
150 W metal halide	x	x	12.9	62.5	0950 37	1
250 W metal halide	x	x	14.3	62.5	0950 46	1
400 W metal halide		x	16	62.5	0950 47	1
250 W mercury vapour	x		12.9	62.5	0950 44	1
400 W mercury vapour	x	x	13.8	62.5	0950 45	1

(1) Ovoid - (2) Tubular

Fixing accessories

	Cat. No.	Pack
Fall prevention fixing kit (1.20 m stainless steel chain) for M20 cable entry	0964 06	1

For special options, please consult us:

- **Additional lamp types**
 - (80 and 125 W mercury)
 - **Other voltages**
 - **Sealed polycarbonate protection for the glass**
- Cable gland :**
- polyamide (see page 259)
 - metal (see page 258)
 - for armoured cable (see pages 252-262)

Zone 2 et 22	ATEX	IEC	EC	II 3 G/D
EEx nR II	T2-T3-T4-T5	T = 102 to 213°C		IP 66

TECHNICAL DATA

Zones : 2 and 22

Classification:

- According to CENELEC:
 - Conforming to ATEX - 94/9 EC Directive and standards EN 50021
 - EC 0081 Ex II 3 G: for gas EEx nR II T (*)
 - EC 0081 Ex II 3 D T = (*) : for dust
- According to IEC:
 - Conforming to IEC standards 60079-15 Ex nR II T (*)
 - DIPA 22 TA = (*)

Source and power	Dust	Gas		
	Surface temperature Ta = 40°C	Temp. class Ta = + 40°C	Temp. class Ta = + 50°C	Temp. class Ta = + 55°C
70W Sodium	+ 102°C	T4	T4	T4
150W Sodium	+ 115°C	T4	T4	T4
250W Sodium	+ 145°C	T3	T3	T3 (Cable spr. temp.=82°C)
250W Halide	+ 160°C	T3	T3	T3
250W Mercury	+ 166°C	T3	T3	T3 (Cable spr. temp.=81°C)
400W Sodium	+ 183°C	T3	T3 (Cable spr. temp.=87°C)	T2 (Cable spr. temp.=92°C)
400W Halide	+ 213°C	T2	T2 (Cable spr. temp.=84°C)	T2 (Cable spr. temp.=89°C)
400W Mercury	+ 212°C	T2	T2 (Cable spr. temp.=84°C)	T2 (Cable spr. temp.=89°C)
150W Halide	+ 115°C	T4	T4	T4

Approvals :

- Approved type PjN
- CENELEC LCIE 03 ATEX 6070
- IEC LCIE Ex 03.016
- **CE** declaration of conformity No. 50215
- Conforming to standards 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 electromagnetic compatibility (EMC) standards
 - EN 55015

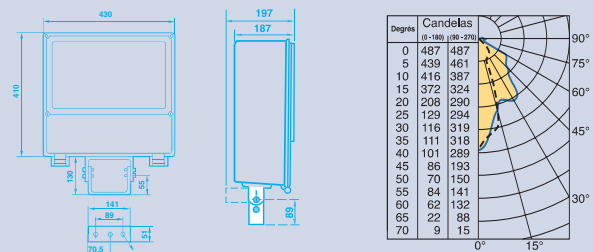
Protection index :

- IP 66 according to EN 60529 and IEC 60529

Operating temperature : - 20°C to + 55°C

Anticorrosion treatment and climate protection : See page G50

Dimensions (mm) :



Product features/customer benefits

- Aluminium alloy body : **lighter**
- Hinged fixings : **easier installation**
- Pivoting front : **rapid maintenance**

Data sheet available on request