



Intrinsically safe lamp 4DCA

Protection mode:

Type of protection: II 2 GD Eex e ib IIC
 Class of temperature: T4
 Protection degree: IP66
 Ambient Temp : -20 à +40°C
 Zones : 1-21-2-22
 Certificate: BAS 00 ATEX 2203



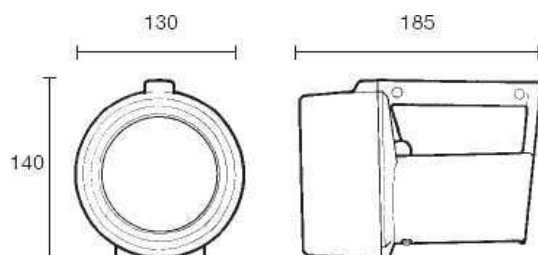
Description:

The H-4DCA can be used in all gas apparatus groups and in gases and vapours up to T4, zones 1 & 2 hazardous areas. In addition to this, it can also be used in all dusts with temperature classes of up to T4, zones 21 & 22 hazardous areas.

The lamp is constructed from a new, extremely robust and highly durable thermoplastic, well able to withstand the effects of heavy industrial use.

Technicals data:

Product reference	H-4DCA	
Product description	Safety handlamp, primary cell powered	
Code	Ex II 2 GD EEx e ib IIC T4 IP66 T135°C	
Apparatus standards	EN50 014, EN50 019, EN50 020, EN50281-1-1	
Type of protection	"e" increased safety, "ib" intrinsic safety	
Area of classification (Gases)	Zones 1 and 2, gas groups IIA, IIB and IIC	
Area of classification (Dusts)	Zones 21 and 22	
Temp. classification	T4	
Ambient temperature	-20°C to +40°C	
Certificate	BAS 00 ATEX 2203	
Enclosure	Thermoplastic, anti-static	
Lens	Toughened glass (6mm)	
Beam type	Spot	
Light source:	Pt. no.	H-141 only
	Type	Halogen filled filament bulb
	Volts	4.8 V
	Watts (Amps)	2.4W (0.5A)
	Output	37 lm (at nominal voltage)
Power source:	Life	20 hrs (at nominal voltage)
	Pt. no.	4 x H-20 (LR20)
	Type	LR 20/R20 primary cells, to IEC 86
	Volts	4 x 1.5 V
Light duration	Up to 20 hrs	
Ingress protection	IP 66 to EN60 529 : 1992	
Weight (incl. cells)	1.45 kg	



2.4w spot beam (approx 3.5°)
 Peak luminous intensity at 5m 960lux

