

ACFDN

hazardous zone 2 fluorescent luminaire

> weblink > **ACFDN**

Optics

- Lamp options:
 - 1 or 2 x 36/58W T8

Body

- GRP with polycarbonate diffuser and stainless steel retaining clips
- Two M8 clearance holes on rear of body. Washers provided for sealing to IP54 minimum
- Type of protection: Ex nA non-sparking
- Area classification: Zone 2 areas to EN 60079-14
- Apparatus standard: EN 60079-15
- Certificate: BASEEFA Ex 95Y4016
- Coding: nA11
- IP65



ORDER CODES

ACFDN	T Class	Ta °C	Body	
T8 1 x 36W	T4	40	Single	ACFDN14HP
T8 2 x 36W	T4	45	Twin	ACFDN24HP
T8 1 x 58W	T4	30	Single	ACFDN15HP
T8 2 x 58W	T4	35	Twin	ACFDN25HP

ACFDN 3 hr Emergency	T Class	Ta °C	Body	
T8 1 x 36W	T4	35	Twin	ACFDN14HPEMIN
T8 2 x 36W	T4	35	Twin	ACFDN24HPEMIN
T8 1 x 58W	T4	35	Twin	ACFDN15HPEMIN
T8 2 x 58W	150°C (T3)	30	Twin	ACFDN25HPEMIN

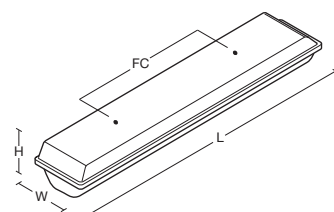
Options

Stainless steel hook suspension set	ACF3HS
Stainless steel diffuser clips and screw set	A70.981.907



Single

DIMENSIONS



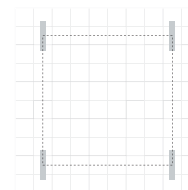
Version	L	W	H	FC	KG	KG
1 x 36W	1271	108	105	800	3.3	4.9
2 x 36W	1293	178	123	800	4.8	6.4
1 x 58W	1571	108	105	1100	4.3	5.9
2 x 58W	1593	178	123	1100	6.5	7.5

LAMP PERFORMANCE

Wattage	IL@25°C	Lamp Life
1 x 36W T8	3350	19,000hrs
1 x 58W T8	5200	19,000hrs

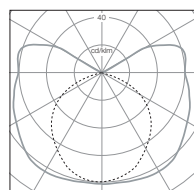
PERFORMANCE GUIDE

Lamps	Illuminance	Spacing
2 x 36W T8	200 lux	4.0m x 4.0m

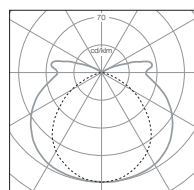


Maintenance:
0.8
Reflectance:
70/50/20
Ceiling Height:
6m
Working Plane:
0.0m

PHOTOMETRIC PERFORMANCE



- LOR = 68.4%
- SHR MAX = 1.88



- LOR = 68.9%
- SHR MAX = 1.79

Utilisation Factors UF(F)

Room Reflectance			Room Index		
C	W	F	1.00	3.00	5.00
0.70	0.50	0.20	0.48	0.73	0.80

Utilisation Factors UF(F)

Room Reflectance			Room Index		
C	W	F	1.00	3.00	5.00
0.70	0.50	0.20	0.47	0.68	0.74

TO SPECIFY

IP65 anti-corrosive luminaire for zone 2 hazardous areas – as Whitecroft Lighting ACFDN