

esprit

Downlighters: Compact fluorescent downlights

APPLICATION

IP20 version

- Retail
- Receptions
- Corridors and stairwells
- Offices
- Hotels
- Pubs and clubs

With clip in attachment giving IP44 from below

- Toilets
- Shower areas
- Kitchens
- Factories
- Work Shops

SPECIFICATION

- Lamp options:
 - 13W (150mm aperture)
 - 18/26W (200mm aperture)
 - 32/42W (250 aperture)
- One piece assembly with precision moulded bezel and gear housing
- Horizontally mounted, 3000K colour temperature lamps included
- High frequency or high frequency dimming
- Anodised aluminium reflectors, (except 13W – vacuum metallised)
- IP20, or IP44 from below if IP44, TP(a) attachment is used
- 13W luminaire is supplied complete with IP44, TP(a) attachment which can be removed if not required (press gently and twist)
- On other sizes the attachment options listed are supplied as separate items easily fixed to the luminaire
- 3 hour maintained emergency option supplied fully remote
- User friendly rapid fix push down straps, 3 point location
-  Easytest – integral self test version available see page 181



IP44 cover



Ceiling retention system



Standard reflector ES226H



PHOTOMETRY

Esprit

1 x 18W TCD Lamp



- SHR MAX = 1.816
- LOR = 76%

UTILISATION FACTORS UF(F) SHR NOM = 1.75
Room Reflectance Room Index.....

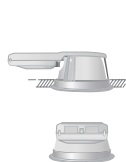
C	W	F	0.75	1.0	1.25	1.5	2.0	2.5	3.0	4.0	5.0
0.70	0.50	0.20	N/A	0.65	0.69	0.72	0.76	0.78	0.80	0.82	0.83
0.50	0.30	0.20	N/A	0.61	0.65	0.68	0.71	0.74	0.75	0.78	0.79
0.00	0.00	0.00	N/A	0.56	0.60	0.62	0.66	0.68	0.69	0.71	0.72

CONVERSION TERMS

Lamp Wattage	18W	26W
UF and PC	1.00	0.88

Esprit

2 x 18W TCD Lamps



- SHR MAX = 1.952
- LOR = 69%

UTILISATION FACTORS UF(F) SHR NOM = 1.75
Room Reflectance Room Index.....

C	W	F	0.75	1.0	1.25	1.5	2.0	2.5	3.0	4.0	5.0
0.70	0.50	0.20	N/A	0.59	0.63	0.65	0.69	0.71	0.72	0.74	0.75
0.50	0.30	0.20	N/A	0.55	0.58	0.61	0.64	0.67	0.68	0.70	0.71
0.00	0.00	0.00	N/A	0.50	0.54	0.56	0.59	0.61	0.62	0.64	0.65

CONVERSION TERMS

Lamp Wattage	18W	26W
UF and PC	1.00	0.88

Esprit

IP44 DIFFUSER
2 x 18W TCD Lamps



- SHR MAX = 1.317
- LOR = 47%

UTILISATION FACTORS UF(F) SHR NOM = 1.25
Room Reflectance Room Index.....

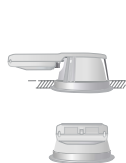
C	W	F	0.75	1.0	1.25	1.5	2.0	2.5	3.0	4.0	5.0
0.70	0.50	0.20	0.29	0.34	0.37	0.40	0.43	0.45	0.46	0.48	0.49
0.50	0.30	0.20	0.26	0.30	0.34	0.36	0.39	0.41	0.43	0.45	0.46
0.00	0.00	0.00	0.22	0.27	0.30	0.32	0.35	0.37	0.39	0.40	0.42

CONVERSION TERMS

Lamp Wattage	18W	26W
UF and PC	1.00	0.72

Esprit

1 x 32W TC-T Lamp



- SHR MAX = 1.180
- LOR = 59%

UTILISATION FACTORS UF(F) SHR NOM = 1.00
Room Reflectance Room Index.....

C	W	F	0.75	1.0	1.25	1.5	2.0	2.5	3.0	4.0	5.0
0.70	0.50	0.20	0.35	0.42	0.46	0.49	0.54	0.56	0.58	0.61	0.62
0.50	0.30	0.20	0.30	0.37	0.41	0.44	0.49	0.52	0.54	0.57	0.58
0.00	0.00	0.00	0.26	0.32	0.36	0.39	0.44	0.46	0.48	0.51	0.53

CONVERSION TERMS

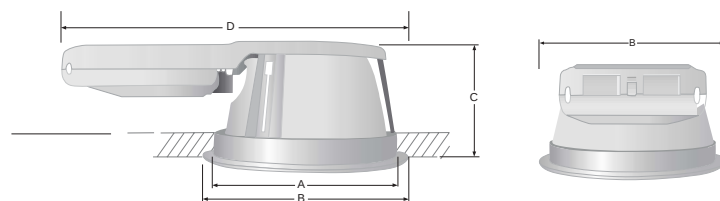
Lamp Wattage	32W	42W
UF and PC	1.00	1.00

LAMP PERFORMANCE MATRIX

WATTAGE	IL@25°C	LAMP LIFE
1 x 13W TC-D	900	12,000
1 x 18W TC-D	1200	
1 x 26W TC-D	1800	
1 x 32W TC-T	2400	
1 x 42W TC-T	3200	

DIMENSIONS

LAMP (SINGLE AND TWIN)	CUT OUT DIAMETER A	DIAMETER OVER FLANGE B	DEPTH C	OVERALL LENGTH D	WEIGHT KG
13W	150	165	80	268	0.33
18W/26W	200	218	114	363	0.90
32W/42W	250	275	150	445	1.80



ORDER CODES – ESPRIT

COMPACT FLUORESCENT DOWNLIGHTERS

LAMP SUPPLIED	HIGH FREQUENCY GEAR	HIGH FREQUENCY ANALOGUE DIMMING
1 x 13W TC-D	ES113H	
1 x 18W TC-D	ES118H	
2 x 18W TC-D	ES218H	ES218R
1 x 26W TC-D	ES126H	
2 x 26W TC-D	ES226H	ES226R
1 x 32W TC-T	ES132H	
2 x 32W TC-T	ES232H	ES232R
1 x 42W TC-T	ES142H	
2 x 42W TC-T	ES242H	ES242R

ATTACHMENTS

ESFG-2	Polo Feature glass attachment – 18W/26W
ESFG-3	Polo Feature glass attachment – 32W/42W
ESIP44-2	IP44 TP(a) attachment – 18W/26W

EMERGENCY Add suffix to order codes above

E3 Fully remote, available on all luminaires, i.e. **ES226HE3**

EASYTEST OPTION Add suffix to luminaire order codes above

/ET Integral self autotest, i.e. **ES226H/ET**

To specify state.

One piece construction compact fluorescent luminaire, with precision moulded high frequency or HF analogue dimming gear housing, body and bezel. 13W < 81mm deep and 151mm cut aperture, 18W and 26W < 115mm deep and 201mm cut aperture, 32W and 42W < 151mm deep and 251mm cut aperture. 3 point rapid fix pull down straps – as Whitecroft Lighting ESPRIT