

spectre 400

Downlighters: High output compact fluorescent downlighters



Cross louvre



Open front

APPLICATION

- High ceiling areas
- Retail applications
- Open plan offices
- Leisure centres
- Canteens, caf  s and bars
- Concourse areas
- Auditoriums and lecture theatres

SPECIFICATION

- Lamp options: Twin or triple lamp combinations
 - 26W TC-D
 - 32W TC-T
 - 42W TC-T
- IP20 protection
- Supplied with remote gear box and HF gear as standard
- Reflector Silver anodised aluminium
- Ceiling trim thermo plastic
- Cross louvre option
- Frosted floating glass option
- Weight 3.6 kg all open front variations
- Supplied without lamps
-  Easytest – integral self test version available see page 181

PHOTOMETRY

Spectre 400 OPEN REFLECTOR 2 x 32W TC-T Lamps



- LOR = 60.3%
- SHR MAX = 1.61

UTILISATION FACTORS UF(F)											SHR NOM=1.50
Room Reflectance			Room Index								
C	W	F	0.75	1.00	1.25	1.50	2.00	2.50	3.00	4.00	5.00
0.70	0.50	0.20	0.44	0.49	0.53	0.55	0.59	0.61	0.63	0.64	0.65
0.50	0.30	0.20	0.39	0.45	0.49	0.52	0.55	0.57	0.59	0.61	0.62
0.00	0.00	0.00	0.36	0.41	0.45	0.47	0.50	0.52	0.54	0.55	0.56

Spectre 400 OPEN REFLECTOR 2 x 42W TC-T Lamps



- LOR = 57%
- SHR MAX = 1.314

UTILISATION FACTORS UF(F)											SHR NOM 1.25
Room Reflectance			Room Index								
C	W	F	0.75	1.00	1.25	1.50	2.00	2.50	3.00	4.00	5.00
0.70	0.50	0.20	0.46	0.50	0.53	0.55	0.58	0.59	0.60	0.62	0.63
0.50	0.30	0.20	0.43	0.47	0.50	0.52	0.55	0.56	0.57	0.59	0.60
0.00	0.00	0.00	0.40	0.44	0.46	0.48	0.50	0.52	0.53	0.54	0.54

Spectre 400 DOWNLIGHT WITH FEATURE GLASS 2 x 32W TC-T Lamps



- LOR = 55.6%
- SHR MAX = 1.46

UTILISATION FACTORS UF(F)											SHR NOM=1.25
Room Reflectance			Room Index								
C	W	F	0.75	1.00	1.25	1.50	2.00	2.50	3.00	4.00	5.00
0.70	0.50	0.20	0.32	0.38	0.42	0.44	0.48	0.51	0.53	0.56	0.57
0.50	0.30	0.20	0.27	0.33	0.37	0.40	0.44	0.46	0.48	0.51	0.53
0.00	0.00	0.00	0.23	0.28	0.32	0.34	0.38	0.42	0.43	0.45	0.47

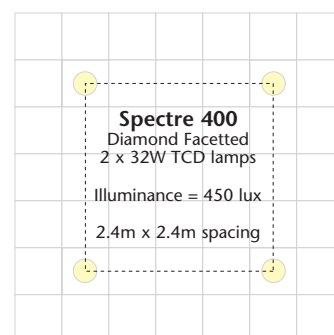
Spectre 400 OPEN REFLECTOR 3 x 26W TC-D Lamps



- LOR = 55%
- SHR MAX = 1.232

UTILISATION FACTORS UF(F)										SHR NOM 1.00	
Room Reflectance			Room Index								
C	W	F	0.75	1.00	1.25	1.50	2.00	2.50	3.00	4.00	5.00
0.70	0.50	0.20	0.35	0.40	0.44	0.47	0.50	0.53	0.54	0.56	0.58
0.50	0.30	0.20	0.30	0.36	0.40	0.42	0.46	0.49	0.50	0.43	0.54
0.00	0.00	0.00	0.26	0.32	0.35	0.38	0.42	0.44	0.46	0.48	0.49

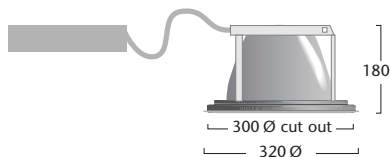
PERFORMANCE GUIDE



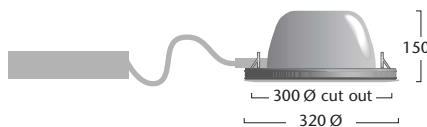
Maintenance	0.8
Reflectance	70/50/20
Ceiling Height	2.7m
Working Plane	0.8m



DIMENSIONS



32W and 42W TC-T version



26W TC-D version

LAMP PERFORMANCE MATRIX

WATTAGE	IL@25°C	LAMP LIFE
1 x 26W TC-D	1800	12,000
1 x 32W TC-T	2400	10,000
1 x 42W TC-T	3200	10,000

ORDER CODES – SPECTRE 400

HIGH OUTPUT COMPACT FLUORESCENT DOWNLIGHTERS

SUPPLIED LESS LAMPS	BASE	OPEN FRONT
3 x 26W TC-D	G24q-3	SP32-326SH
2 x 32W TC-T	G24q-3	SP32-232SH
2 x 42W TC-T	G24q-2	SP32-242SH

WITH CROSS LOUVRE

3 x 26W TC-D	G24q-3	SP32-326SHQ
2 x 32W TC-T	G24q-3	SP32-232SHQ
2 x 42W TC-T	G24q-2	SP32-242SHQ

WITH FROSTED FLOATING GLASS

3 x 26W TC-D	G24q-3	SP32-326SHFG
2 x 32W TC-T	G24q-3	SP32-232SHFG
2 x 42W TC-T	G24q-2	SP32-242SHFG

EMERGENCY Add suffix to order code above

EM Emergency pack, i.e. SP32-326S**HEM**

EASYTEST OPTION Add suffix to luminaire order codes above

/ET  Integral self autotest, i.e. SP32-326SH/**ET**

To specify state:

Recessed high output compact fluorescent downlight. Cast aluminium ceiling bezel with anodised aluminium reflector. Gear mounted in remote gear box. Cross louvre /frosted floating glass/open front – as Whitecroft Lighting SPECTRE 400

QuickLink

SP32

Go