

florence

Healthcare: Direct/indirect bedhead luminaire

APPLICATION

Areas where a lit environment most conducive to patient recovery is critical.

- Hospital wards
- Wall mounted bed head applications

SPECIFICATION

- Lamps supplied in 1200mm body
 - 1 x 54W T5 uplighter (ward lighting)
 - 1 x 54W T5 downlighter (reading/examination light)
- Lamps supplied 600mm body
 - 1 x 55W TC-L uplighter (ward lighting)
 - 1 x 55W TC-L downlighter (reading/examination light)
- Separate switching for both circulation and reading lamps
- Extruded aluminium body and full length wall bracket with closed ends
- Steel gear tray with plug and socket connection
- Polyester paint finish: White RAL 9010
- Removable diffusers for both ward and reading/examination lights run the full length of the body to optimise light distribution
- Both the ward and reading lamps are independently dimmable by “push control” and function so the following lighting levels can be selected
 - patient rest 30-50 Lux
 - watch light 10 Lux
 - reading 300 Lux
 - examination 300-400 Lux
- Optimum mounting height 2m
- Both 1200 and 600mm versions are provided with twin flying leads each with two GST 18/4 pin connectors, one terminating the lead, the other provided for the installer to wire into to facilitate rapid installation

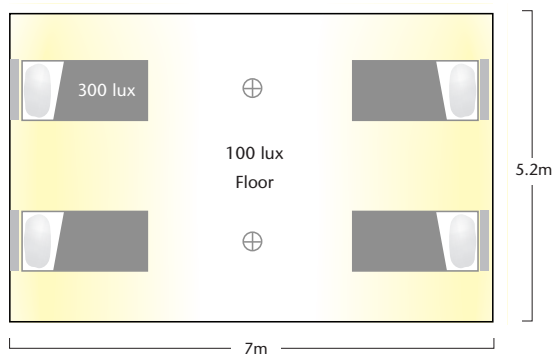


Mounting bracket



End section

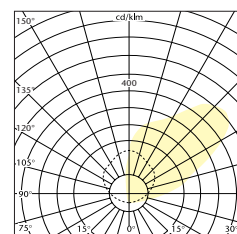
WARD DIAGRAM



⊕ Nightingale recommended for circulation area lighting

PHOTOMETRY

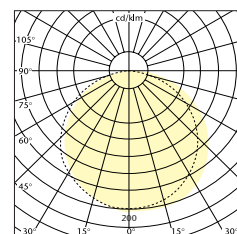
Florence Wall UPLIGHT
1 x 54W T5 Lamp



- SHRMAX= 1.000
- LOR = 61%

UTILISATION FACTORS UF(F)		SHR NOM=1.50									
Room Reflectance Room Index		0.75	1.00	1.25	1.50	2.00	2.50	3.00	4.00	5.00	
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	0.27	0.31	0.35	0.37	0.40	0.42	0.44	0.46	0.47
0.50	0.30	0.20	0.23	0.27	0.30	0.33	0.36	0.39	0.40	0.43	0.44
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Florence Wall DOWNLIGHT
1 x 54W T5 Lamp



- SHRMAX= 1.632
- LOR = 46%

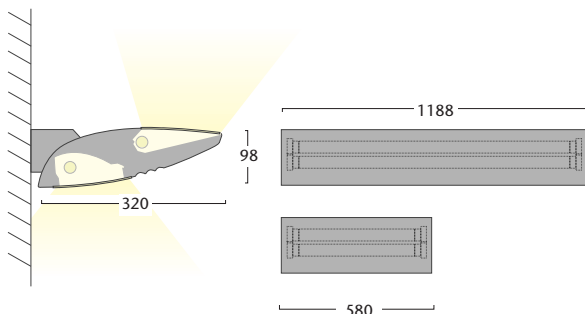
UTILISATION FACTORS UF(F)											SHR NOM=1.00
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C	W	F	0.75	1.00	1.25	1.50	2.00	2.50	3.00	4.00	5.00
0.70	0.50	0.20	0.27	0.31	0.35	0.37	0.40	0.42	0.44	0.46	0.47
0.50	0.30	0.20	0.23	0.27	0.30	0.33	0.36	0.39	0.40	0.43	0.44
0.00	0.00	0.00	0.00	0.20	0.23	0.26	0.29	0.32	0.34	0.36	0.38

LAMP PERFORMANCE MATRIX

WATTAGE	IL@25°C	LAMP LIFE
1 x 54W T5	4450	20,000
1 x 55W TC-L	4800	12,000



DIMENSIONS



Note: Recommended mounting height 2m for typical ceiling heights 2.6m – 3m
2 x 54W up/1 x 54W down available on request for higher ceilings

ORDER CODES – FLORENCE

DIRECT/INDIRECT BEDHEAD LUMINAIRE

LAMPS SUPPLIED

2 x 54W T5 (one for the ward and one for the reading light)	FLOX5454
2 x 55W TC-L (one for the ward and one for the reading light)	FLOX5555

To specify state:

Direct/Indirect wall mounted hospital bed-head luminaire with 2 x 54W T5 or 2 x 55W TC-L separately switched lamps one lamp providing ward lighting the other reading/examination light. Extruded aluminium body and wall bracket with profiled end caps and full length polycarbonate diffusers. Lamps to be independently dimmed by 'push control' – as Whitecroft Lighting FLORENCE