

esprit MRI

Healthcare: Downlighter for MRI scanning rooms

Esprit MRI is a mains voltage downlighter for MRI scanning rooms. Lighting in this environment must not have ferrous components because of the powerful magnets used in the scanner. Also, electrical equipment in these areas must not produce any interference.

APPLICATION

- Hospital MRI scanning rooms
- Research areas where powerful magnetic fields may be present and are being measured

SPECIFICATION

- One piece assembly with precision moulded bezel
- Only non-ferrous materials are used in the construction
- Anodised aluminium reflector
- 75W Osram Halolux E27 base tungsten halogen lamp included
- User friendly rapid fix push down straps with 3 point location

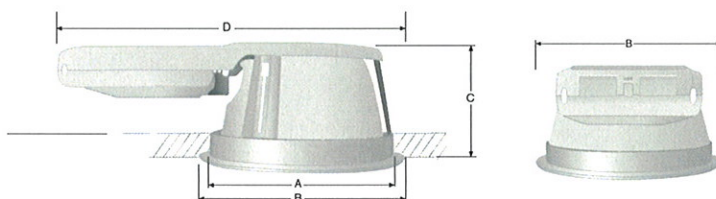


DIMENSIONS

LAMP	CUT OUT DIAMETER A	DIAMETER OVER FLANGE B	DEPTH C	OVERALL LENGTH D	WEIGHT KG
75W	200	218	114	363	0.90

LAMP PERFORMANCE MATRIX

WATTAGE	IL@25°C	LAMP LIFE
1 x 75W TH	1100	2,000

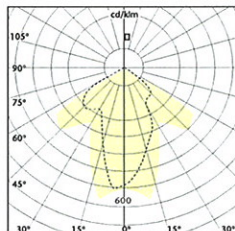


PHOTOMETRY

ESPRIT MRI 75W TH Lamp



- LOR = 84.8%
- SHR MAX = 0.91



UTILISATION FACTORS UF(F)										SHR NOM 0.75			
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	0.50	0.59	0.66	0.70	0.77	0.81	0.84	0.87	0.89		
0.50	0.30	0.20	0.43	0.52	0.59	0.63	0.70	0.74	0.77	0.81	0.84		
0.00	0.00	0.00	0.36	0.45	0.52	0.56	0.63	0.67	0.70	0.73	0.75		

ORDER CODES - ESPRIT MRI

DOWNLIGHTER FOR MRI SCANNING ROOMS

LAMP SUPPLIED

1 x 75W

ESTH75

To specify state:

One piece compact recessed downlighter for MRI scanning rooms, fabricated from non-ferrous materials and containing no electronic gear - as Whitecroft Lighting ESPRIT MRI.

Whitecroft
lighting

Lighting for Life

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