

orbit

Display: Directional cluster spotlights



Spot reflector suffix 11



Medium reflector suffix 12



Flood reflector suffix 13

APPLICATION

- Retail
- Museums
- Art Galleries
- Showrooms
- Receptions
- Exhibitions

SPECIFICATION

- Cast aluminium Gimbal finished in Silver
- Rigid 0.8mm steel frame finished in Silver
- Rigid 0.8mm steel canopy finished in Black
- Highly polished anodised aluminium reflectors
- Recessed 1,2,3 or 4 lamps in line and 4 lamps 2 x 2 square
- 35W and 70W CDM-T with G12 lamp base or AR111 12V 100W tungsten halogen with G5.3 lamp base
- Electronic gear options for reduced weight and increased lamp life
- Remote gearbox must be ordered separately. Plug and socket connection to luminaire
- Reflector beam angles – spot, medium and flood for a broad range of accent lighting effects. Spring retention
- Supplied without lamps which should be ordered separately

PHOTOMETRY

Orbit CDM SPOT REFLECTOR

Angle 11°



HGT	35W	70W	DIA Ø
1.0m	12,300	24,600	0.30
2.0m	3,075	6,150	0.60
3.0m	1,370	2,740	0.90
4.0m	770	1,540	1.20

Orbit CDM MEDIUM REFLECTOR

Angle 20°



HGT	35W	70W	DIA Ø
1.0m	7,500	15,000	0.35
2.0m	1,875	3,760	0.70
3.0m	830	1,760	1.05
4.0m	470	940	1.40

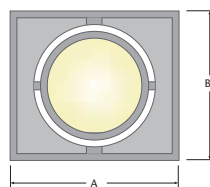
Orbit CDM FLOOD REFLECTOR

Angle 48°



HGT	35W	70W	DIA Ø
1.0m	730	1,460	0.90
2.0m	183	365	1.80
3.0m	81	162	2.65
4.0m	46	91	3.55

* for AR111 low voltage lamp performance refer to lamp manufacturer technical data for a variety of wattage and beam angles



DIMENSIONS

BASE REF	LAMPS	DIM 'A'	DIM 'B'	CUT OUT
ORB-1LR	1	230	202	210 x 162
ORB-2LR	2	376	202	355 x 162
ORB-3LR	3	520	202	500 x 162
ORB-4LR	4	665	202	644 x 162
ORB-4SQR	4	420	414	400 x 374

Note: These dimensions in mm apply to all lamp and reflector options associated with the base part references listed



ORB-1LR-##



ORB-2LR-##



ORB-3LR-##



ORB-4LR-##

ORDER CODES - ORBIT

DIRECTIONAL CLUSTER SPOTLIGHTS

REPLACE ## WITH REFLECTOR SUFFIX			NO. OF LAMPS	BASE REF – FOR CDMT LAMPS
Spot	Medium	Flood		
11	12	13	Single	ORB-1LR-##
11	12	13	Two – In line	ORB-2LR-##
11	12	13	Three – In line	ORB-3LR-##
11	12	13	Four – In line	ORB-4LR-##
11	12	13	Four – 2 x 2 Square	ORB-4SQR-##

NO. OF LAMPS	BASE REF - FOR LV LAMPS
Single	ORB-1LR-1LV
Two - In line	ORB-2LR-1LV
Three - In line	ORB-3LR-1LV
Four - In line	ORB-4LR-1LV
Four - 2 x 2 Square	ORB-4SQR-1LV

LAMPS NOT SUPPLIED

35W CDM-T 3000K	LP/CDMT-35W
70W CDM-T 3000K	LP/CDMT-70W
12V, 100W LV TH lamp with G5.3 lamp base to suit AR111 head	LP/LV100-24

CONTROL GEAR Order separately for each lamp way

35W CDMT	magnetic gear	GB-C35-P
70W CDMT	magnetic gear	GB-C70-P
35W CDMT	electronic gear	GB-C35E-P
70W CDMT	electronic gear	GB-C70E-P
100W AR111 head	Transformer	WEDT105

To specify state.

Recessed Gimbal directional cluster spotlight with cast aluminium Gimbals and 0.8mm rigid, 162 mm deep mild steel canopy and frame and remote gearbox with plug and socket connection. Reflector options (spot, medium and flood) to be spring retained - as Whitecroft Lighting ORBIT

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