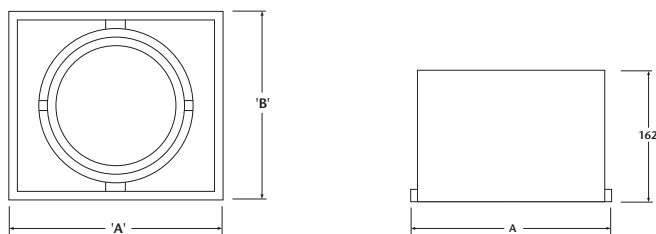


DIMENSIONS

BASE REF	LAMPS	DIM 'A'	DIM 'B'	DEPTH	CUT OUT
----------	-------	---------	---------	-------	---------

The following dimensions in mm apply to all lamp and reflector options associated with the base part references listed

ORB-1LR	1	230	202	162	210 x 162
ORB-2LR	2	376	202	162	355 x 162
ORB-3LR	3	520	202	162	500 x 162
ORB-4LR	4	665	202	162	644 x 162
ORB-4SQR	4	420	414	162	400 x 374



Orbit

ORDER CODES

DIRECTIONAL CLUSTER SPOTLIGHTS

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

LAMPS	Not supplied – order separately
LP/CDMT-35W	35W CDM-T 3000K
LP/CDMT-70W	70W CDM-T 3000K

CONTROL GEAR	Not supplied – order separately
GB-C35-P	35W CDMT magnetic gear
GB-C70-P	70W CDMT magnetic gear
GB-C35E-P	35W CDMT electronic gear
GB-C70E-P	70W CDMT electronic gear

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

LAMPS	Not supplied – order separately
LP/LV100-24	12V, 100W LV TH lamp with G5.3 lamp base to suit AR111 head

TRANSFORMER	Not supplied – order separately
WEDT105	Transformer for 100W AR111 head

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.



Whitecroft Lighting Ltd

Burlington Street
Ashton-under-Lyne
Lancashire OL7 0AX
United Kingdom

Telephone: +44 (0)870 5 087 087

Facsimile: +44 (0)870 5 084 210

email@whitecroftlight.com

www.whitecroftlighting.com

Moorlite·Hitech·Simplex



Additions 4

Orbit

Directional Gimbal Cluster Spotlights

Orbit

MOTIVATION

Orbit Gimbal directional cluster spotlights provide a simple but effective method of creating points of emphasis in both retail and other displays. The recessible feature allows easy concealment through cut apertures into most voids to maintain a clean uncluttered ceiling line. Spot, medium and flood reflector beam angles are available to create a broad range of accent lighting effects.

APPLICATION

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

SPECIFICATION

- Cast aluminium Gimbal finished silver, 30% gloss.
- Rigid 8mm steel frame finished silver, 30% gloss.
- Rigid 0.8mm steel canopy finished black, 30% gloss.
- Highly polished anodised aluminium reflectors.
- Recessed 1,2,3 or 4 lamp in line and 4 lamp 2 x 2 square.
- 35 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 enclosed magnetic gear with impulse ignitor 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.
- Prepared tile available to fit ORB 4SQR options in T15/T25 600 x 600 grids.



ORB – 1LR-13
(Flood reflector)



ORB – 2LR-13



ORB – 3LR-13



ORB – 4LR-13



ORB – 4SQR





Spot reflector suffix 11



Medium reflector suffix 12



Flood reflector suffix 13

Orbit
CDM SPOT REFLECTOR

Angle 11°

HGT	LUX		DIA Ø
	35W	70W	
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	LUX		DIA Ø
	35W	70W	
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	LUX		DIA Ø
	35W	70W	
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*