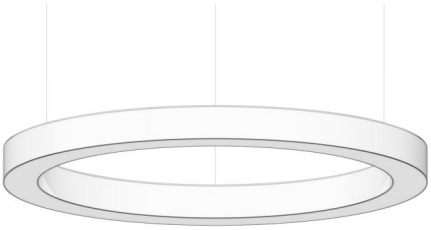
PRODUCT SPECIFICATION

Series	ORBIT RING LIGHT SERIES	Model	ORBITAL-S/M-OBTRG



Project:

Type:

Notes:

Overview

The ORBITAL RING light features a unique ring design with an LED light source that provides full light distribution. It is available in sizes ranging from 2ft dia. to 16ft dia. The PE/acrylic body provides good illumination and heat dissipation.
Body material: PE for size D2ft–D6ft, Acrylic for size above D6ft

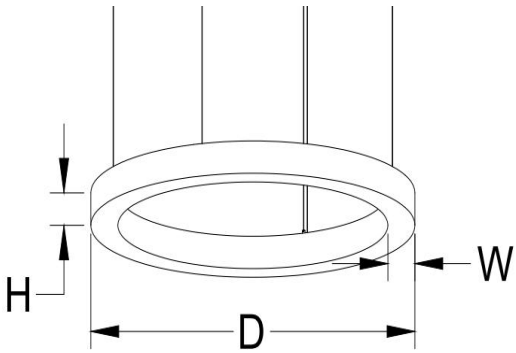
Certificate

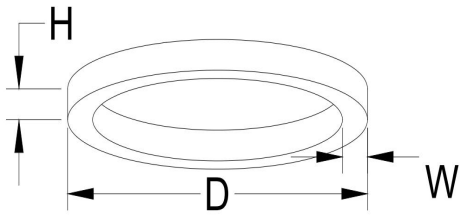
Features

1. Available in 10 sizes, can customize size upon request.
2. Profile size: 4.0*4.0"
3. Operating Voltage: AC 120–277V; 0–10V dimming and non-dimmable options available
4. 360° full light emission
5. Efficiency: ≥105 lm/W
6. Pendant and surface mounted options available
7. Dia. 2ft/3ft/4ft: central suspension; 5ft/6ft/8ft/10ft/12ft/14ft/16ft: driect suspension.

Type	Suspended/Surface mounted - 360° Luminous

Size



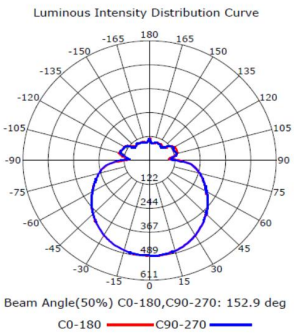


Model No	D	W	H	Dimension Code	Lumen/Watt
ORBITAL-S-40W-OBTRG ORBITAL-M-40W-OBTRG	23.6"(600mm)	4.0"(100mm)	4.0"(100mm)	D24	4200/40W
ORBITALS-50W-OBTRG ORBITAL-M-50W-OBTRG	35.4"(900mm)	4.0"(100mm)	4.0"(100mm)	D35	5250/50W
ORBITAL-S-80W-OBTRG ORBITAL-M-80W-OBTRG	47.2"(1200mm)	4.0"(100mm)	4.0"(100mm)	D47	8400/80W
ORBITAL-S-100W-OBTRG ORBITAL-S-100W-OBTRG	59.0"(1500mm)	4.0"(100mm)	4.0"(100mm)	D59	10500/100W
ORBITAL-S-120W-OBTRG ORBITAL-M-120W-OBTRG	70.9"(1800mm)	4.0"(100mm)	4.0"(100mm)	D71	12600/120W
ORBITAL-S-160W-OBTRG	94.5"(2400mm)	4.0"(100mm)	4.0"(100mm)	D95	16800/160W
ORBITAL-S-200W-OBTRG	118.1"(3000mm)	4.0"(100mm)	4.0"(100mm)	D118	21000/200W
ORBITAL-S-240W-OBTRG	141.7"(3600mm)	4.0"(100mm)	4.0"(100mm)	D142	25200/240W
ORBITAL-S-300W-OBTRG	165.4"(4200mm)	4.0"(100mm)	4.0"(100mm)	D165	31500/300W
ORBITAL-S-400W-OBTRG	189.0"(4800mm)	4.0"(100mm)	4.0"(100mm)	D189	42000/400W

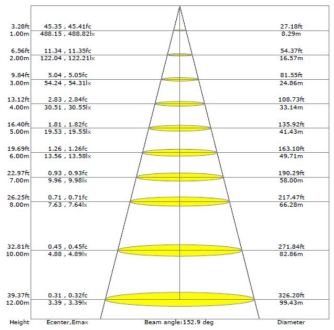
PRODUCT SPECIFICATION

	Model No.	Installation		Power		Version		CRI	CCT		Control		Dimension Code
Ordering Format	ORBITAL	S	Suspended	40W	For size D23.6"	OBTRG	ORBIT RING	80+	30K	3000K	STD	Non-dimming	D24
		M	Surface Mounted	50W	For size D35.4"			90+	35K	3500K	DIM	0-10V dimming	D35
				80W	For size D47.2"				40K	4000K			D47
				100W	For size D59.0"								D59
				120W	For size D70.9"								D71
				160W	For size D94.5" (Only suspended)								D95
				200W	For size D118.1" (Only suspended)								D118
				240W	For size D141.7" (Only suspended)								D142
				300W	For size D165.4" (Only suspended)								D165
				400W	For size D189.0" (Only suspended)								D189
Order Example:	ORBITAL-S-40W-OBTRG-90-30K-DIM-D24												

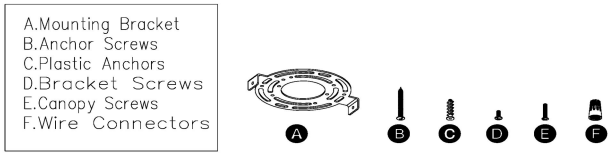
Light distribution



Optical system



Accessories



Material		LED system	
LED Driver	ARCATA or Equivalent, INPUT:AC120-277V, PF>0.9, no flicker, UL Cert	LED	OSRAM
LED PCB	2.0W.M/K, AL PCB, UL Cert	CCT	2700K, 3000K, 3500K, 4000K and 5000K with a great color consistency (within 6–step MacAdam ellipse)
Housing	PE+Steel/Acrylic+Steel	Led life	Minimum 50,000h with 70% of lumen maintenance in 25°C ambient temperature, in compliance with IES LM-80 testing measurements.
Lens	PE/Acrylic (PE for size D2ft–D6ft, Acrylic for size above D6ft)	Operation temp	minus 20°C to 40°C