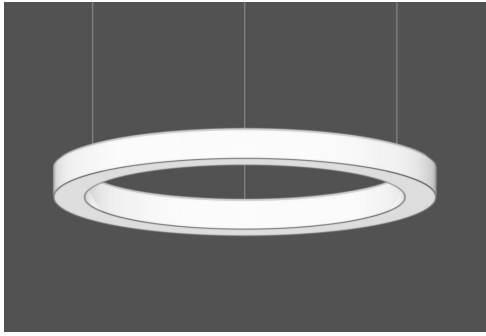


<b>Series</b>	ORBITAL SERIES	<b>Model</b>	LL0176S-SQ
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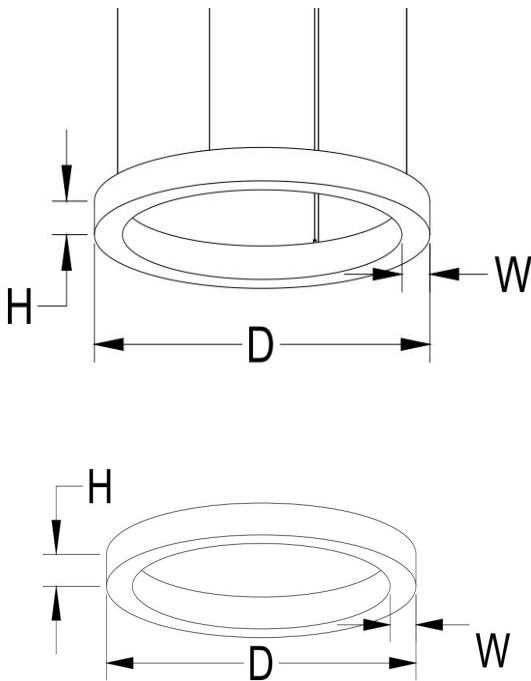
<b>Project:</b>	
<b>Type:</b>	
<b>Notes:</b>	
<b>Overview</b>	
<p>The ORBITAL light has a unique ring style light with an LED light source illuminating its full light distribution. It is available in sizes ranging from 2ft(dia.) up to 16ft(dia.). The PMMA body constructions keep good illuminating and good heat disipation.</p>	

<b>Certificate</b>	<b>Features</b>
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1. Available in 10 sizes, can customize size per request.
2. Profile size :4\*\*4."
3. Operation Voltage: AC120-277V, 0-10v dimming and non-dimmable for optional
4. 360 deg full light emitting.
5. Efficiency:  $\geq 105\text{lm/w}$
6. There are surface mounted and suspended 2 options.
7. Dia 2ft/3ft/4ft: central suspension; 5ft/6ft/8ft/10ft/12ft/14ft/16ft: drect suspension.

<b>Type</b>	Suspended/Mounted - 360° Luminous	<b>Size</b>	
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Model No	D	W	H	Dimension Code	Lumen/Watt
ORBITAL-S-40W-SQ ORBITAL-M-40W-SQ	23.6"(600mm)	4.0"(100mm)	4.0"(100mm)	D2	4200/40W
ORBITAL-S-50W-SQ ORBITAL-M-50W-SQ	35.4"(900mm)	4.0"(100mm)	4.0"(100mm)	D3	5250/50W
ORBITAL-S-80W-SQ ORBITAL-M-80W-SQ	47.2"(1200mm)	4.0"(100mm)	4.0"(100mm)	D4	8400/80W
ORBITAL-S-100W-SQ ORBITAL-S-100W-SQ	59.0"(1500mm)	4.0"(100mm)	4.0"(100mm)	D5	10500/100W
ORBITAL-S-120W-SQ ORBITAL-M-120W-SQ	70.9"(1800mm)	4.0"(100mm)	4.0"(100mm)	D6	12600/120W
ORBITAL-S-160W-SQ ORBITAL-M-160W-SQ	94.5"(2400mm)	4.0"(100mm)	4.0"(100mm)	D8	16800/160W
ORBITAL-S-200W-SQ ORBITAL-M-200W-SQ	118.1"(3000mm)	4.0"(100mm)	4.0"(100mm)	D10	21000/200W
ORBITAL-S-240W-SQ ORBITAL-M-240W-SQ	141.7"(3600mm)	4.0"(100mm)	4.0"(100mm)	D12	25200/240W
ORBITAL-S-300W-SQ ORBITAL-M-300W-SQ	165.4"(4200mm)	4.0"(100mm)	4.0"(100mm)	D14	31500/300W
ORBITAL-S-400W-SQ ORBITAL-M-400W-SQ	189.0"(4800mm)	4.0"(100mm)	4.0"(100mm)	D16	42000/400W

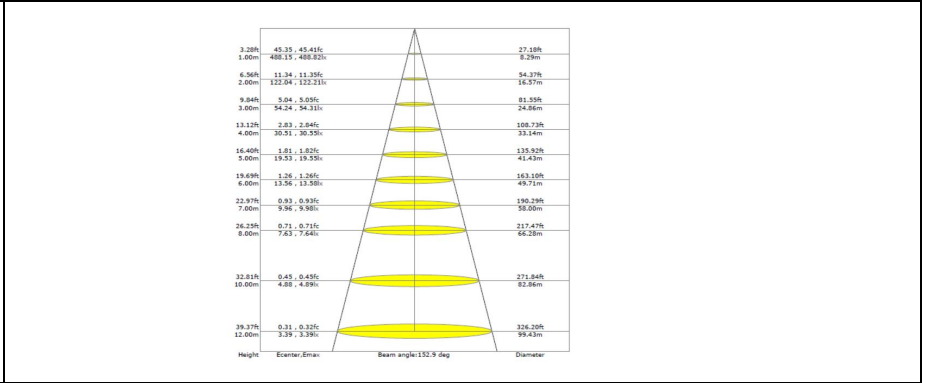
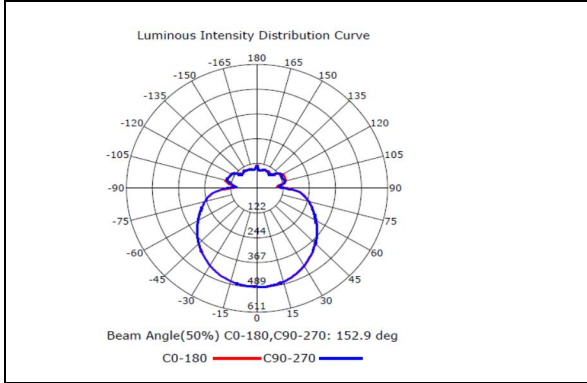
Model No.	Installation		Power		Profile code	CRI	CCT		Control		Dimension Code
	S	M	40W	50W			30K	35K	40K	STD	
ORBITAL	S	Suspended	40W	For size D23.6"	SQ	80+	30K	3000K	STD	Non-dimming	D2
	M	Surface Mounted	50W	For size D35.4"		90+	35K	3500K	DIM	0-10V dimming	D3
			80W	For size D47.2"			40K	4000K			D4
			100W	For size D59.0"							D5



## PRODUCT SPECIFICATION

Ordering Format			<b>120W</b>	For size D70.9"							D6
			<b>160W</b>	For size D94.5"							D8
			<b>200W</b>	For size D118.1"							D10
			<b>240W</b>	For size D141.7"							D12
			<b>300W</b>	For size D165.4"							D14
			<b>400W</b>	For size D189.0"							D16
Order Example:	ORBITAL-S-40W-SQ-90-30K-DIM-D2										

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

<p><b>CIP Lighting reserves the right to make any design changes for continuous improvement without notification, contact us for the latest technical information!</b></p>	
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