

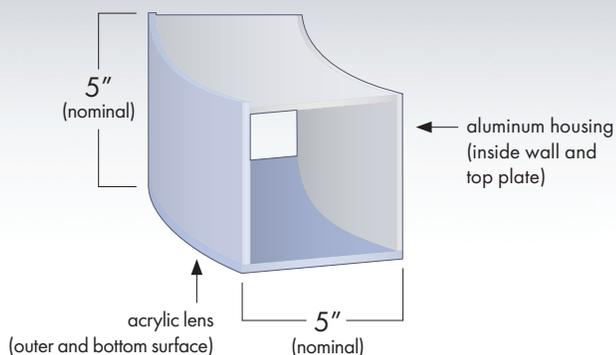
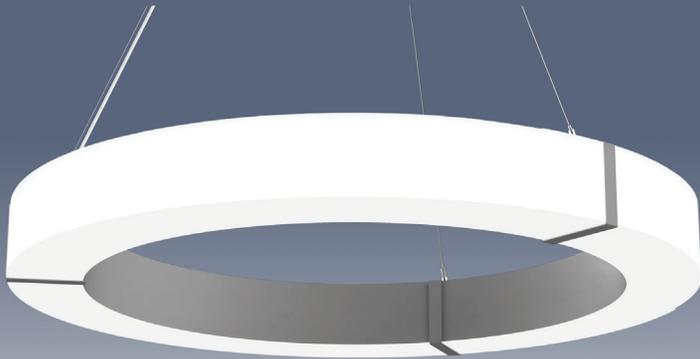
RP-DN-OWL

Ring | Direct | Luminous Outer Wall

LUMOS
Architectural Lighting



A HIGH EFFICIENCY LUMINOUS RING
WITH SOFT, GLARE FREE ILLUMINATION



Features

Diameter: 24" to 144" (nominal)

Output: 109 LPW

Housing: Aluminum and joint bands

Lens: Transmissive, frosted acrylic

Mounting: Pendant or surface

Driver: In canopy or remote

Weight: 6 lb/ft (based on Ø)

Certification: UL listed for damp location use

Warranty: 5-year limited warranty

Photometry: Third-party photometric report and IES files on the web site

- Rings up to 72" diameter ship in one piece
- Mounting option for multi-ring clusters
- Acoustic options available
- RGB+W in standard lumen output range



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Project: _____ Type: _____ Date: _____

Order: _____

Example: MOD - RP-DN-OWL - 60 - MD10000LM - 840 - DIM - MCC - ASL - SCC - RMT

Order Guide



24	SO	standard 648 lm/linear ft	Static White	120-277 VAC	Pendant
36			830 CRI >80 3000°K	DIM 0-10 V/.1%	SPC single point canopies
48	HO	high 1260 lm/linear ft	835 CRI >80 3500°K	DIM.1 0-10 V/.1%	MCC multi-cable center canopy (consult for Ø > 96")
60			840 CRI >80 4000°K	DAL DALI	MRC multi-ring cluster (consult for submittals)
72	MD	modify lumens and watts (consult factory)	930 CRI >90 3000°K	DMX Digital Multiplex (consult factory)	
84			935 CRI >90 3500°K	120 VAC	Power-over-Cable (PoC)
96			940 CRI >90 4000°K	TRC TRIAC/ ELV	MCC-POC Power-over-Cable with multi-cable center canopy (consult for submittals)
120			Dynamic White		Surface
144			TW tunable white 2700-6500 °K		SRF surface mount (1" stand-off)
			WD warm dim 2200-3500 °K		
			Red, Green, Blue + White		
			RGBW30 RGB+W 3000°K		
			RGBW35 RGB+W 3500°K		
			RGBW40 RGB+W 4000°K		
			(consult for TW, WD & RGB+W)		



Powder Coat	Powder Coat	RMT remote driver	Center Panel*	Skin**
WHT matte white	Standard	BBU remote battery backup with remote driver	FPL light gray	FSL light gray
BLK matte black	Canopy Color		FPD dark gray	FSD dark gray
ASL anodized silver	Cord Color		FPB blue	FSB blue
GRY matte gray (RAL 7035)	WCC white		FPG green	FSG green
RALX matte RAL color X=code (specify)	BCC black		FPY yellow	FSY yellow
CCL custom color (provide chip)	SCC silver		FPR red	FSR red
	MBC white			
Wood Grain*	RAL		* max Ø = 144"	** covers inner wall
WG1 ash	RCW RALX			
WG2 teak	RCB RALX			
WG3 walnut	RCS RALX			
WG4 zebra wood	Custom			
Skin*	CCW CCL			
CFS carbon fiber	CCB CCL			
* inner wall only	CCS CCL			

Modify & Customize*

MOD indicates a modification to standard spec attributes
CSM indicates a customized feature

standard: RP-DN-OWL - 60 - SO - 935 - DIM - SPC - BLK - BCC - FPB
 modified Lm: **MOD** - RP-DN-OWL - 60 - **MD10000LM** - 840 - DIM - MCC - ASL - SCC - RMT
 custom ring Ø: **CSM** - RP-DN-OWL - **35/55/75** - SO - 840 - DIM - MRC - WHT - WCC

* **MOD/CSM** placed at the beginning of an order sequence

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LED

SO Standard output static white LED is equal to the delivered lumens for model listings defined in the table to the right. Standard white LED choices are 3000-4000 °K. Consult factory for additional options within range 2200-6500 °K.

HO High output static white LED is equal to the delivered lumens for model listings defined in the table to the right

MD Modify output within standard range in 5% increments up to 1260 lm/linear ft.

TW Tunable White is programmable between 2700-6500 °K

WD Warm Dim ranges between 2200-3500 °K

RGBW30 | RGBW35 | RGBW40 RGB + White LED lumen output is the same as static white LED as shown in the table

(consult factory for MD, TW, WD, and RGB+W options)

Fixture Ø (in.)	Max Weight	Sections per Ring	Standard Output		High Output	
			Lumens	Watts	Lumens	Watts
24	11 lbs	1	4,069	37	7,913	73
36	16 lbs	1	6,104	56	11,869	109
48	21 lbs	1	8,139	75	15,826	145
60	26 lbs	1	10,174	93	19,782	181
72	32 lbs	1	12,208	112	23,738	218
84	37 lbs	3	14,243	131	27,695	254
96	42 lbs	3	16,278	149	31,651	290
120	53 lbs	6	20,347	187	39,564	363
144	63 lbs	6	24,417	224	47,477	435

Driver

Drivers are integral, Class 2 constant current, Universal and include two-wire 0 - 10 V dimming, 1-100%.

Delivered lumen output values can be programmed to lower values than shown in 5% increments.

Consult factory for DMX commissioning with RGB+W and for DALI dimming control options.

Remote and backup battery options are available (p.8).

120-277 VAC

DIM	0-10 V/.1%
DIM.1	0-10 V/.1%
DAL	DALI
DMX	Digital Multiplex (consult factory)

120 VAC

TRC	TRIAC/ELV
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SPC Standard Mounting Details

Fixture Ø (in.)	Mounting Points	Ø 2" Non-Power Canopy Qty		Standard Output			High Output		
		SO	HO	Power Feed	Power Feed	Power Cord	Power Feed	Power Feed	Power Cord
				Canopy Qty	Canopy Size	Qty	Canopy Qty	Canopy Size	Qty
24	3	2	2	1	9"x1.5"	1	1	9"x1.5"	1
36	3	2	2	1	9"x1.5"	1	1	9"x1.5"	1
48	3	2	2	1	9"x1.5"	1	1	13"x2"	1
60	3	2	2	1	9"x1.5"	1	1	13"x2"	1
72	3	2	1	1	9"x1.5"	1	1	13"x2"	2
84	6	5	5	1	13"x2"	1	1	17"x2"	1
96	6	5	4	1	13"x2"	1	1	13"x2"	2
120	6	5	4	1	13"x2"	2	2	13"x2"	2
144	6	4	4	2	13"x2"	2	2	17"x2"	2

Drawings not to scale

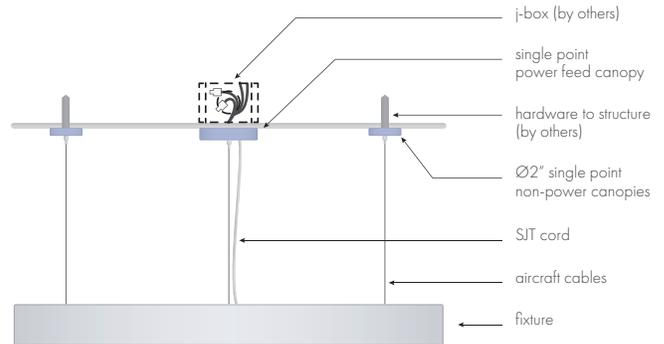


Standard Mounting

SPC (single point canopy)

Rings are suspended with straight, 100" field adjustable aircraft cables individually attached to single point Ø2" non-power canopies and a power feed canopy.

Consult factory for custom mounting options



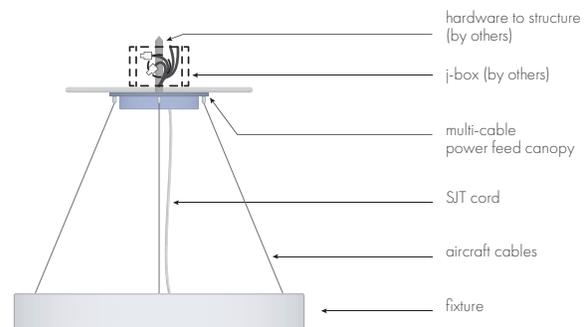
MCC (multi-cable center canopy)

Rings are suspended with multiple angled, 100" field adjustable aircraft cables attached to a central power feed canopy. Cable angle should not be greater than 45° (see diagram).

Consult factory for ring diameters greater than 96" ..

MCC Standard Mounting Details

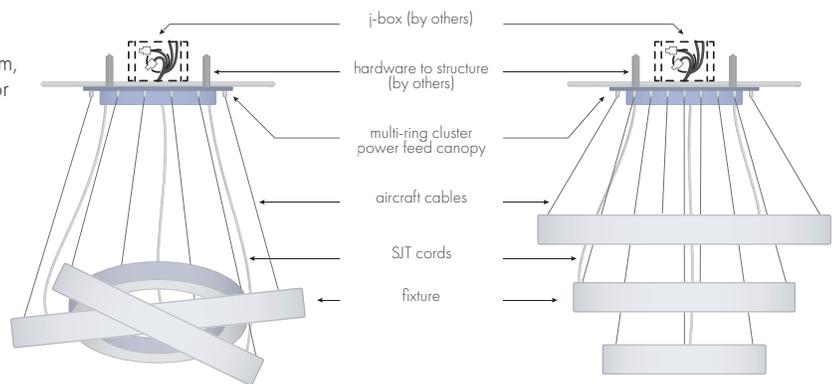
Fixture Ø (in.)	AC Cable Qty	Min Hang Height (over 45°)	Standard Output		High Output	
			Canopy Size	Power Cord Qty	Canopy Size	Power Cord Qty
24	3	3"	9"x1.5"	1	9"x1.5"	1
36	3	9"	9"x1.5"	1	9"x1.5"	1
48	3	15"	9"x1.5"	1	13"x 2"	1
60	3	21"	9"x1.5"	1	13"x 2"	1
72	3	27"	9"x1.5"	1	13"x 2"	2
84	6	33"	13"x 2"	1	17"x 2"	1
96	6	39"	13"x 2"	1	13"x 2"	2
120	6	consult factory	13"x 2"	2	13"x 2"	2
144	6	consult factory	consult factory		consult factory	



MRC (multiple ring cluster)

Elegant rings dynamically suspend from a central custom canopy in custom, eye-catching arrangements. 100" field adjustable aircraft cables allow for on-site angle adjustments.

Consult our factory for required submittals.



Drawings not to scale

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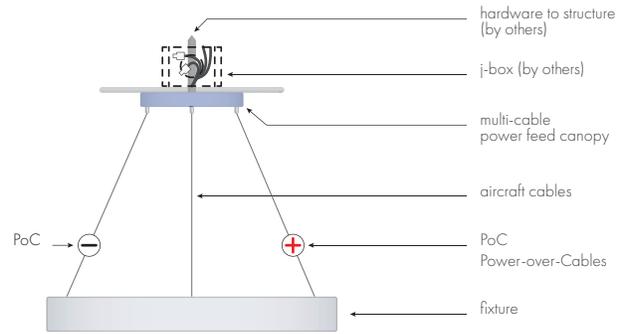
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MCC-POC (power-over-cable)

We use a powered suspension system to suspend and power Class 2 LED lighting fixtures with a thin cable, providing a refined, modern look without the need for a separate power cord.

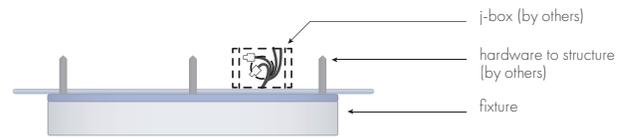
The number of PoC cables on each ring depends on fixture size and lumen requirements. Consult factory for required submittals.

The diagram to the right illustrates MCC-PoC. Consult factory for SPC-PoC and MRC-PoC.



SRF (surface mounted)

Luminaire is fastened to mounting structure with 1" stand-off.



Canopies

SPC (Single Point Canopies)

Non-Power	mounting canopy	Power Feed	drivers inside	Power Feed	drivers inside	Power Feed x2	drivers inside
SO: Ø 24" - 144"	SO: Ø 24" - 72"	SO: Ø 84" - 108"	SO: Ø 120" - 144"	SO: Ø 120" - 144"			
HO: Ø 24" - 144"	HO: Ø 24" - 36"	HO: Ø 48" - 60"	HO: Ø 72" & 96" - 144"	HO: Ø 72" & 96" - 144"			

Power Feed	driver inside	Power Feed x2	driver inside
SO: Ø 84"	SO: Ø 84"	SO: Ø 144"	SO: Ø 144"

Drawings not to scale



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MCC (Multi-Cable Center Canopies)

Power Feed	drivers inside	Power Feed	drivers inside
<p>SO: Ø 24" - 72"</p> <p>HO: Ø 24" - 36"</p>		<p>SO: Ø 84" - 108"</p> <p>HO: Ø 48" - 60"</p>	

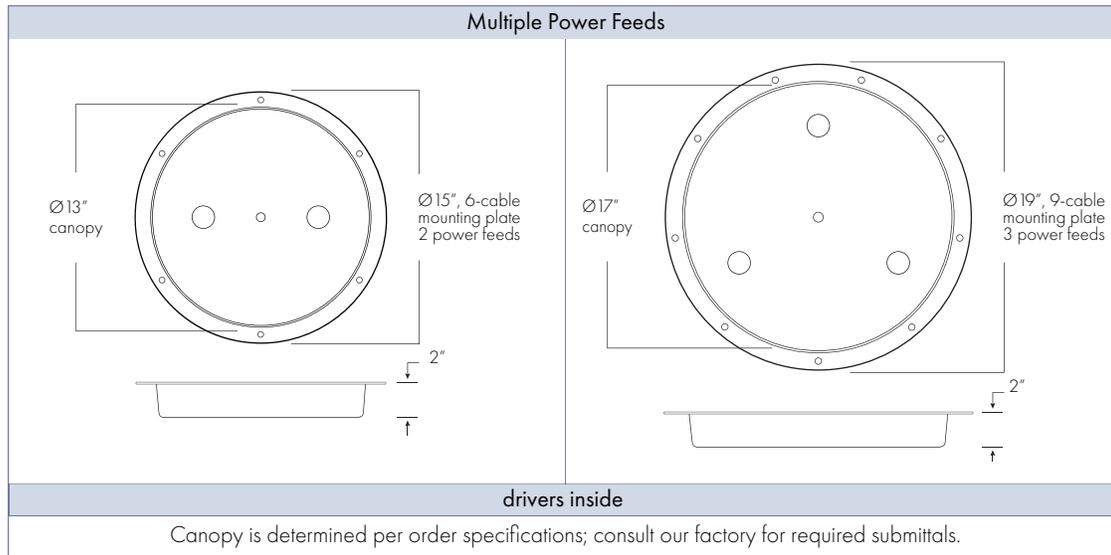
Power Feed x2	drivers inside	Power Feed	drivers inside
<p>SO: Ø 120"</p> <p>HO: Ø 72"; 96" and 120"</p>		<p>HO: Ø 84"</p>	

MCC canopy illustrations are shown with 3-cable mounting plates, please note Ø greater than 72" will have 6-cable mounting plates.

Drawings not to scale



MRC (Multi-Ring Canopies)



Drawings not to scale

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Fixture Finish

Powder Coat (standard colors)



Powder Coat (color match)



Wood Grain (covers inner wall)



Vinyl Skin (covers inner wall)

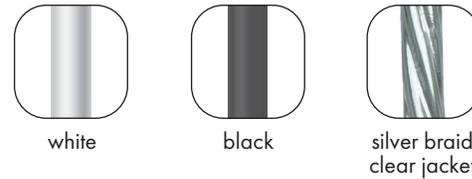


Canopy | Cord Finish

Canopy finish options include powder coat in standard or custom colors. When RAL or custom colors are applied to fixtures, canopies may be custom finished to match. 4-digit RAL color code or color chip must be provided.

While choosing a canopy finish, choose a power cord color.

SJT Cord



Standard	Canopy	Cord
WCC	white	white
BCC	black	black
SCC	silver	silver
MBC	white	silver

RAL	Canopy	Cord
RCW	RALX	white
RCB	RALX	black
RCS	RALX	silver

Custom	Canopy	Cord
CCW	CCL	white
CCB	CCL	black
CCS	CCL	silver

Match with RAL (**RALX**) or custom color (**CCL**) fixtures

Options

RMT (remote driver)

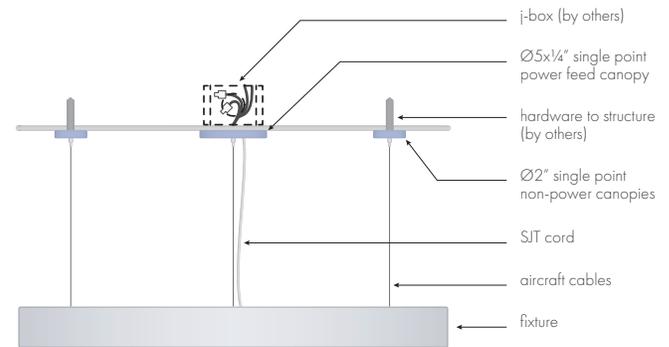
Remote driver is mounted to an aluminum plate (by Lumos) to be placed inside an electrical enclosure (by others).

The diagram to the right illustrates single point canopy mounting (SPC) with remote option (RMT).

RMT-BBU

Emergency backup battery is connected to each driver, which operates for 90 minutes. Test switch and LED indicator included. When RMT-BBU is selected, batteries and drivers are mounted to an aluminum plate (by Lumos).

DIM, DIM.1, DALI drivers are rated 120-277 VAC; TRIAC/ELV drivers are rated 120 VAC.



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Colors shown here are approximations

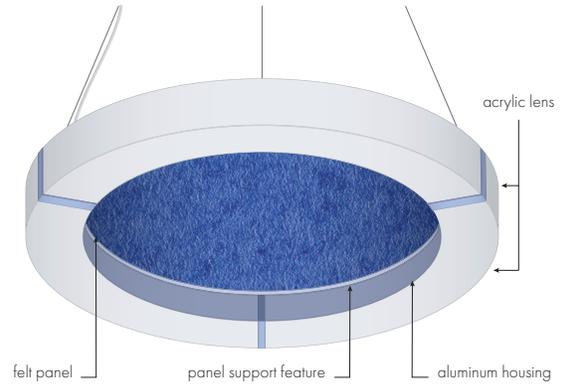


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Acoustic Options

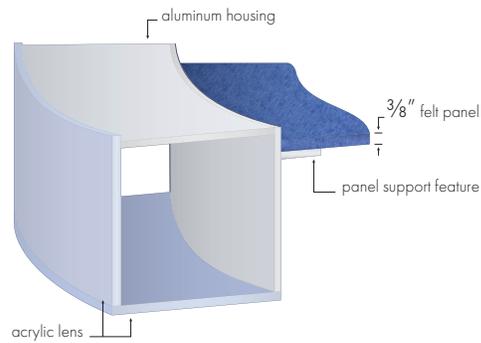
Our rings can be transformed into acoustical absorbing luminaires to help reduce sound reflections and reverberations in a room. Design options combine light with acoustical absorbent felt to improve the overall sound quality and appearance of a space. The felt absorbs sound waves, reducing echo and enhancing speech intelligibility, while the light source provides illumination.



Panel

Durable 3/8" thick felt panel centered in ring. Made from 60% recycled PET fiber with NRC .30.

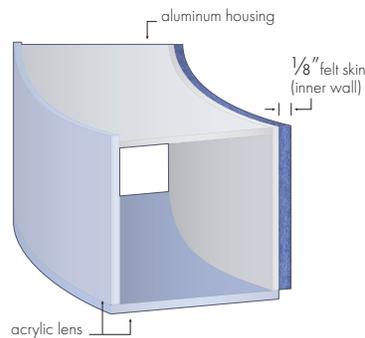
Panel absorber can be combined with Skin absorber.



Skin

Inner wall of ring is covered with 1/8" thick felt made from 100% post-consumer recycled polyester fiber with NRC .70.

Skin absorber can be combined with Panel absorber.



Drawings not to scale
Colors shown here are approximations