

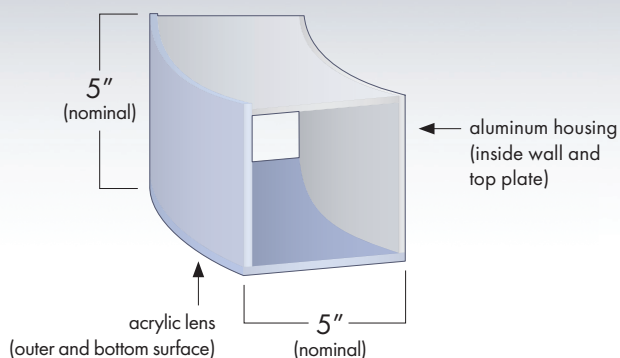
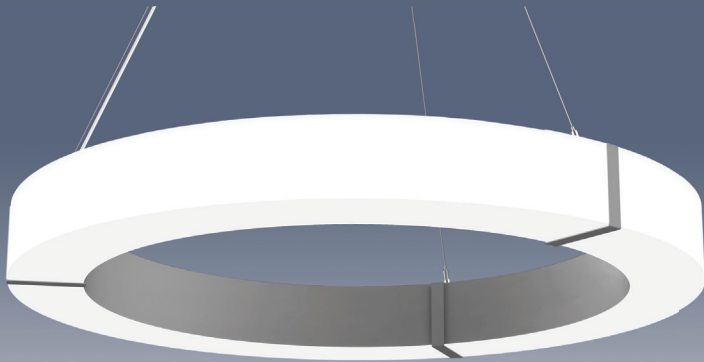
# RP-DN-OWL

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



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



<b>Powder Coat</b>	<b>Powder Coat</b>	<b>RMT</b> remote driver	<b>Center Panel*</b>	<b>Skin**</b>
<b>WHT</b> matte white	<b>Standard</b>	<b>BBU</b> remote battery backup with remote driver	<b>FPL</b> light gray	<b>FSL</b> light gray
<b>BLK</b> matte black	<b>Canopy Color</b>		<b>FPD</b> dark gray	<b>FSD</b> dark gray
<b>ASL</b> anodized silver	<b>Cord Color</b>		<b>FPB</b> blue	<b>FSB</b> blue
<b>GRY</b> matte gray (RAL 7035)	<b>WCC</b> white		<b>FPG</b> green	<b>FSG</b> green
<b>RALX</b> matte RAL color X=code (specify)	<b>BCC</b> black		<b>FPY</b> yellow	<b>FSY</b> yellow
<b>CCL</b> custom color (provide chip)	<b>SCC</b> silver		<b>FPR</b> red	<b>FSR</b> red
	<b>MBC</b> white			
	<b>RAL</b>		* max Ø = 144"	** covers inner wall
<b>Wood Grain*</b>	<b>RCW</b> RALX			
<b>WG1</b> ash	<b>RCB</b> RALX			
<b>WG2</b> teak	<b>RCS</b> RALX			
<b>WG3</b> walnut				
<b>WG4</b> zebra wood	<b>Custom</b>			
<b>Skin*</b>	<b>CCW</b> CCL			
<b>CFS</b> carbon fiber	<b>CCB</b> CCL			
	<b>CCS</b> 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
<b>24</b>	11 lbs	1	4,069	37	7,913	73
<b>36</b>	16 lbs	1	6,104	56	11,869	109
<b>48</b>	21 lbs	1	8,139	75	15,826	145
<b>60</b>	26 lbs	1	10,174	93	19,782	181
<b>72</b>	32 lbs	1	12,208	112	23,738	218
<b>84</b>	37 lbs	3	14,243	131	27,695	254
<b>96</b>	42 lbs	3	16,278	149	31,651	290
<b>120</b>	53 lbs	6	20,347	187	39,564	363
<b>144</b>	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

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

### 120 VAC

<b>TRC</b>	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 Canopy Qty	Power Feed Canopy Size	Power Cord Qty	Power Feed Canopy Qty	Power Feed Canopy Size	Power Cord Qty
<b>24</b>	3	2	2	1	9"x1.5"	1	1	9"x1.5"	1
<b>36</b>	3	2	2	1	9"x1.5"	1	1	9"x1.5"	1
<b>48</b>	3	2	2	1	9"x1.5"	1	1	13"x2"	1
<b>60</b>	3	2	2	1	9"x1.5"	1	1	13"x2"	1
<b>72</b>	3	2	1	1	9"x1.5"	1	1	13"x2"	2
<b>84</b>	6	5	5	1	13"x2"	1	1	17"x2"	1
<b>96</b>	6	5	4	1	13"x2"	1	1	13"x2"	2
<b>120</b>	6	5	4	1	13"x2"	2	2	13"x2"	2
<b>144</b>	6	4	4	2	13"x2"	2	2	17"x2"	2

Drawings not to scale



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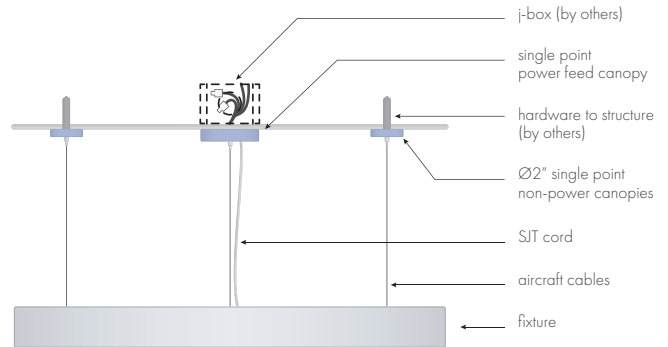
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## Standard Mounting

### 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



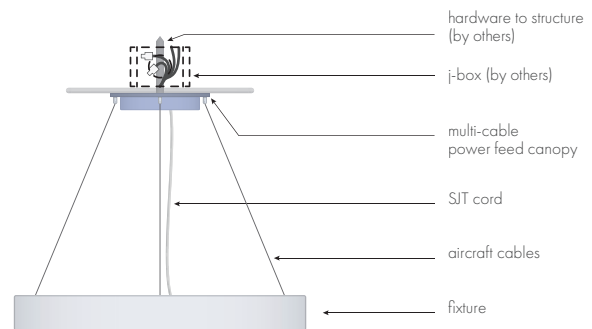
### MCC (multi-cable center canopy)

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

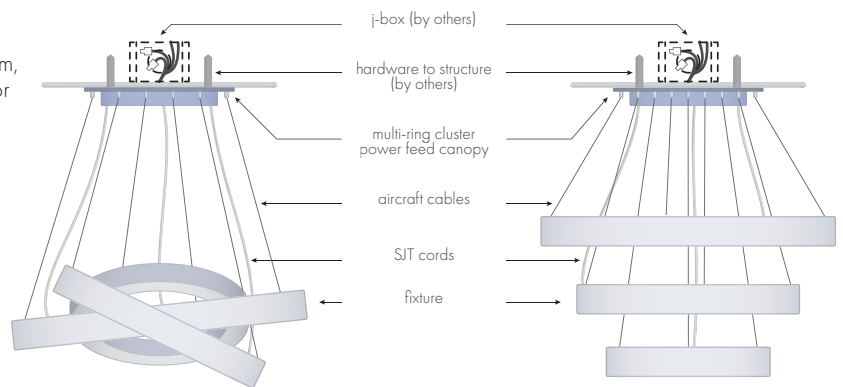
Fixture Ø (in.)	AC Cable Qty	Min Hang Height (over 45°)	Standard Output		High Output	
			Canopy Size	Power Cord Qty	Canopy Size	Power Cord Qty
24	3	3"	9"x1.5"	1	9"x1.5"	1
36	3	9"	9"x1.5"	1	9"x1.5"	1
48	3	15"	9"x1.5"	1	13"x 2"	1
60	3	21"	9"x1.5"	1	13"x 2"	1
72	3	27"	9"x1.5"	1	13"x 2"	2
84	6	33"	13"x 2"	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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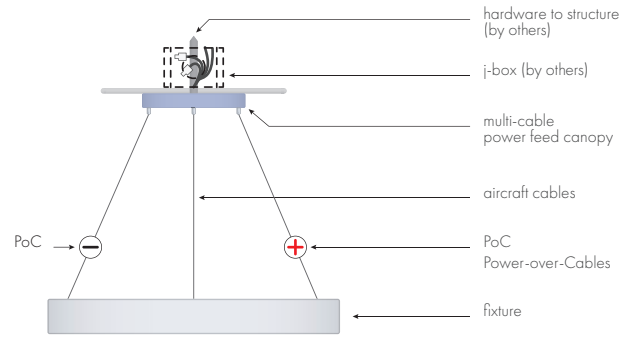
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## MCC-POC (power-over-cable)

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.

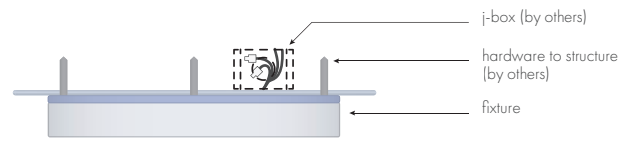
The number of PoC cables on each ring depends on fixture size and lumen requirements. Consult factory for required submittals.

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
<b>SO:</b> Ø 24" - 144"	<b>SO:</b> Ø 24" - 72"	<b>SO:</b> Ø 84" - 108"	<b>SO:</b> Ø 84" - 108"	<b>SO:</b> Ø 84" - 108"	<b>SO:</b> Ø 84" - 108"	<b>SO:</b> Ø 120" - 144"	<b>SO:</b> Ø 120" - 144"
<b>HO:</b> Ø 24" - 144"	<b>HO:</b> Ø 24" - 36"	<b>HO:</b> Ø 48" - 60"	<b>HO:</b> Ø 48" - 60"	<b>HO:</b> Ø 48" - 60"	<b>HO:</b> Ø 48" - 60"	<b>HO:</b> Ø 72" & 96" - 144"	<b>HO:</b> Ø 72" & 96" - 144"

Power Feed	driver inside	Power Feed x2	driver inside
<b>SO:</b> Ø 84"	<b>SO:</b> Ø 84"	<b>SO:</b> Ø 144"	<b>SO:</b> Ø 144"

Drawings not to scale



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## MCC (Multi-Cable Center Canopies)

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

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

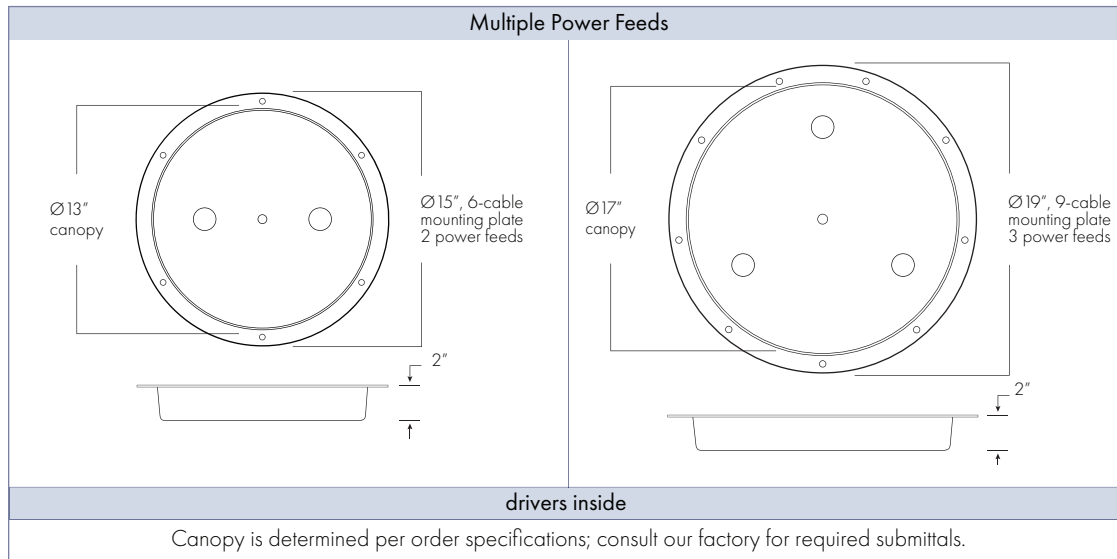
MCC canopy illustrations are shown with 3-cable mounting plates, please note Ø greater than 72" will have 6-cable mounting plates.

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)

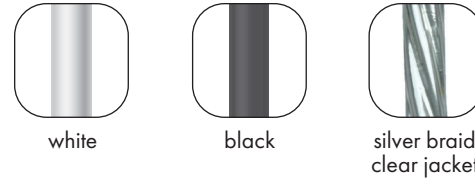


## Canopy | Cord Finish

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
<b>WCC</b>	white	white
<b>BCC</b>	black	black
<b>SCC</b>	silver	silver
<b>MBC</b>	white	silver

RAL	Canopy	Cord
<b>RCW</b>	RALX	white
<b>RCB</b>	RALX	black
<b>RCS</b>	RALX	silver

Custom	Canopy	Cord
<b>CCW</b>	CCL	white
<b>CCB</b>	CCL	black
<b>CCS</b>	CCL	silver

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

## Options

### RMT (remote driver)

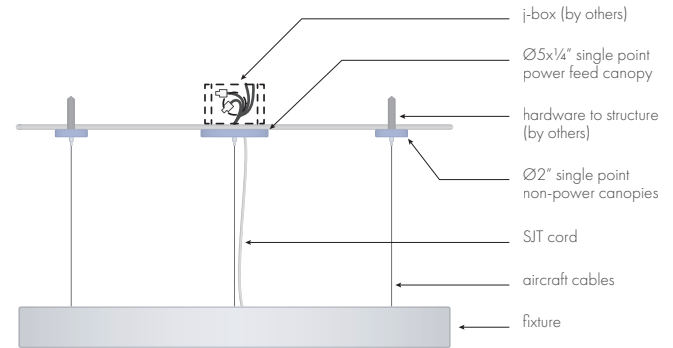
Remote driver is mounted to an aluminum plate (by Lumos) to be placed inside an electrical enclosure (by others).

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.



Drawings not to scale  
Colors shown here are approximations



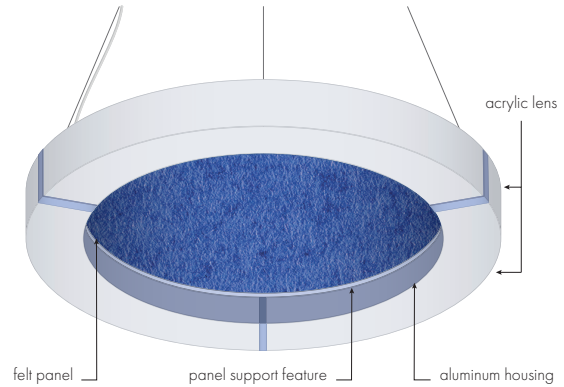


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## Acoustic Options

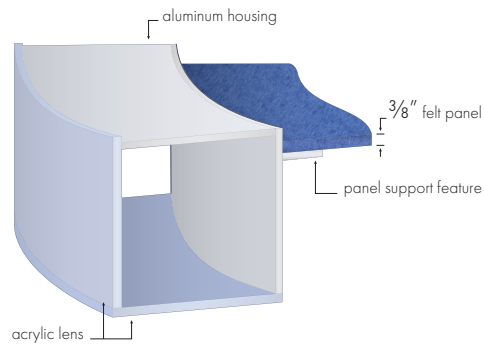
Our rings can be transformed into acoustical absorbing luminaires to help reduce sound reflections and reverberations in a room. Design options combine light with acoustical absorbent felt to improve the overall sound quality and appearance of a space. The felt absorbs sound waves, reducing echo and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

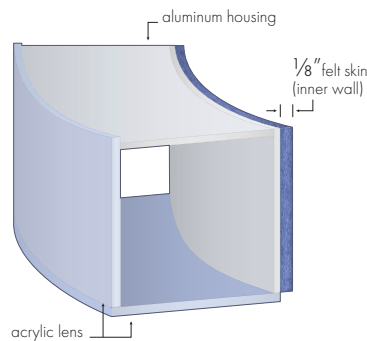
Panel absorber can be combined with Skin absorber.



## 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