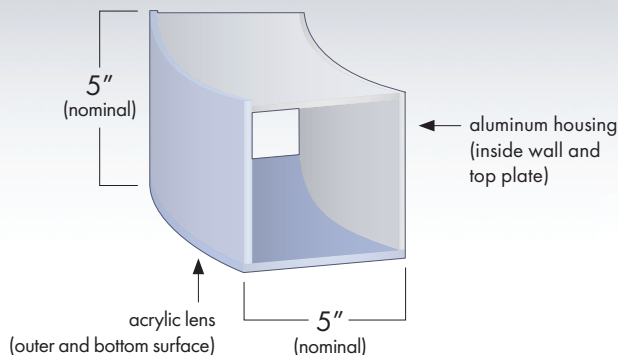
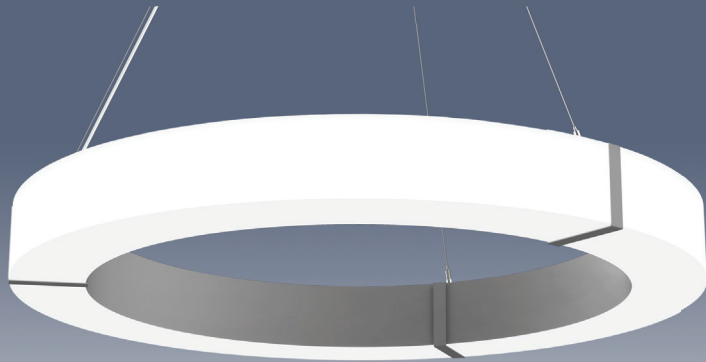


RP-DN-OWL

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

Project:

Type:

Date:

Order:

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

Order Guide

| | | | | | | | | | | |
|------------|-----------|---------|--------|-----|--------|----------|----------------|---------------|---------|------------------|
| MOD CSM | RP-DN-OWL | Ø (in.) | Output | LED | Driver | Mounting | Fixture Finish | Canopy Cord | Options | Acoustic Options |
|------------|-----------|---------|--------|-----|--------|----------|----------------|---------------|---------|------------------|

| | | | | | | | | |
|---------|--------|-----|-----|-----|--------|-----|----------|-------|
| Ø (in.) | Output | p.3 | LED | p.3 | Driver | p.3 | Mounting | p.4-7 |
|---------|--------|-----|-----|-----|--------|-----|----------|-------|

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

| | | | | | | | |
|----------------|-----|---------------|-----|---------|-----|------------------|-----|
| Fixture Finish | p.8 | Canopy Cord | p.8 | Options | p.8 | Acoustic Options | p.9 |
|----------------|-----|---------------|-----|---------|-----|------------------|-----|

Powder Coat

| | |
|------|-------------------------------------|
| WHT | matte white |
| BLK | matte black |
| ASL | anodized silver |
| GRY | matte gray (RAL 7035) |
| RALX | matte RAL color X=code (specify) |
| CCL | custom color (provide chip) |

Wood Grain**

| | |
|-----|-----------|
| WG1 | ash |
| WG2 | teak |
| WG3 | walnut |
| WG4 | zebrawood |

Skin**

| | |
|-----|--------------|
| CFS | carbon fiber |
|-----|--------------|

** consult factory, not joint bands

Powder Coat

| Standard | Canopy Color | Cord Color |
|----------|--------------|------------|
| WCC | white | white |
| BCC | black | black |
| SCC | silver | silver |
| MBC | white | silver |
| RAL | | |
| RCW | RALX | white |
| RCB | RALX | black |
| RCS | RALX | silver |
| Custom | | |
| CCW | CCL | white |
| CCB | CCL | black |
| CCS | CCL | silver |

RMT remote driver

| | |
|-----|--|
| BBU | remote battery backup with remote driver |
|-----|--|

Center Panel*

| | |
|-----|------------|
| FPL | light gray |
| FPD | dark gray |
| FPB | blue |
| FPG | green |
| FPY | yellow |
| FPR | red |

* max Ø = 144"

Skin**

| | |
|-----|------------|
| FSL | light gray |
| FSD | dark gray |
| FSB | blue |
| FSG | green |
| FSY | yellow |
| FSR | red |

** covers inner wall

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



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).

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 |
| 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 |

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 |
|------------|-----------|

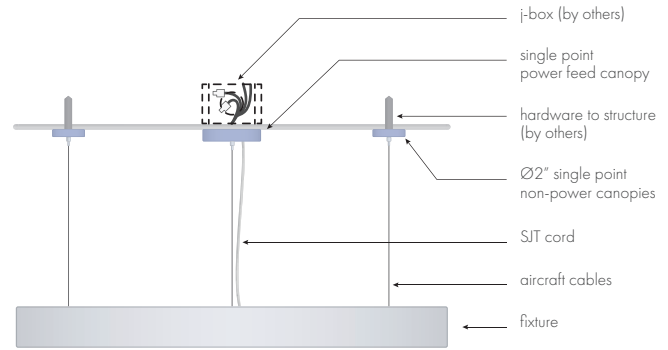
Drawings not to scale

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



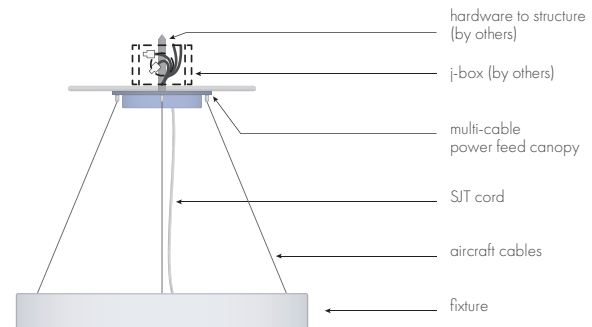
MCC (multi-cable center canopy)

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

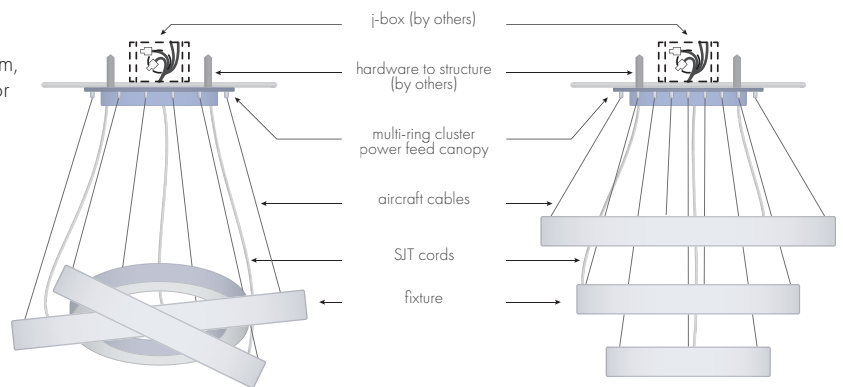
| Fixture Ø (in.) | AC Cable Qty | Min Hang Height (over 45°) | Standard Output | | High Output | |
|--------------------|-----------------|-------------------------------|-----------------|-------------------|-----------------|-------------------|
| | | | Canopy Size | Power Cord Qty | Canopy Size | 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"x2" | 1 |
| 60 | 3 | 21" | 9"x1.5" | 1 | 13"x2" | 1 |
| 72 | 3 | 27" | 9"x1.5" | 1 | 13"x2" | 2 |
| 84 | 6 | 33" | 13"x2" | 1 | 17"x2" | 1 |
| 96 | 6 | 39" | 13"x2" | 1 | 13"x2" | 2 |
| 120 | 6 | consult factory | 13"x2" | 2 | 13"x2" | 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.



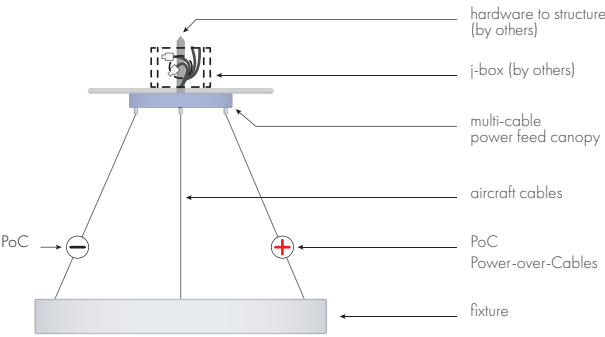
Drawings not to scale

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.

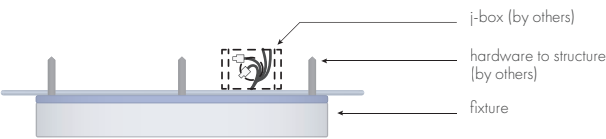
The number of PoC cables on each ring depends on fixture size and lumen requirements. Consult factory for required submittals.

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

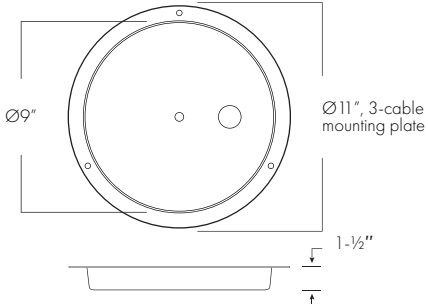
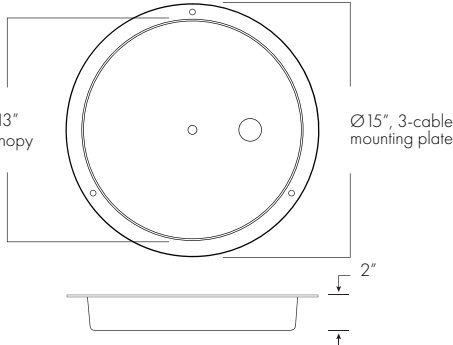
SPC (Single Point Canopies)

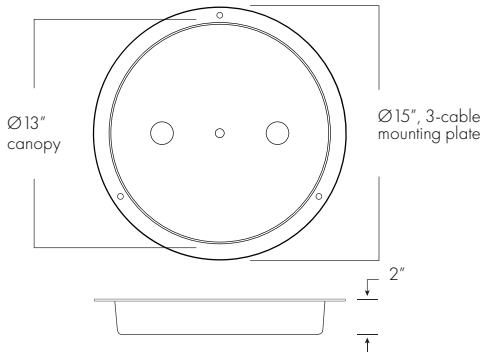
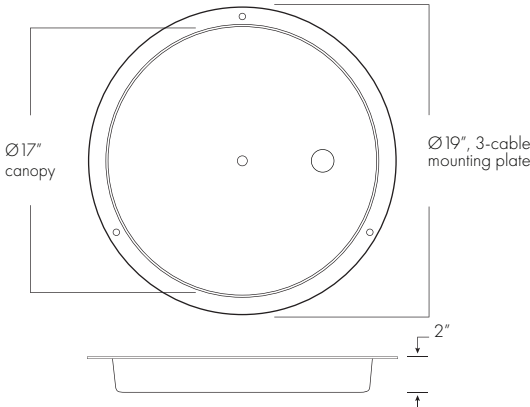
| Non-Power | mounting canopy | Power Feed | drivers inside | Power Feed | drivers inside | Power Feed x2 | drivers inside |
|------------------|-----------------|-----------------|----------------|------------------|----------------|------------------------|----------------|
| | | | | | | | |
| SO: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

| Power Feed | driver inside | Power Feed x2 | driver inside |
|------------|---------------|---------------|---------------|
| | | | |
| SO: Ø 84" | | HO: Ø 144" | |

Drawings not to scale

MCC (Multi-Cable Center Canopies)

| Power Feed | drivers inside | Power Feed | drivers inside |
|---|----------------|--|----------------|
|  | |  | |
| SO: Ø 24" - 72" | | SO: Ø 84" - 108" | |
| HO: Ø 24" - 36" | | HO: Ø 48" - 60" | |

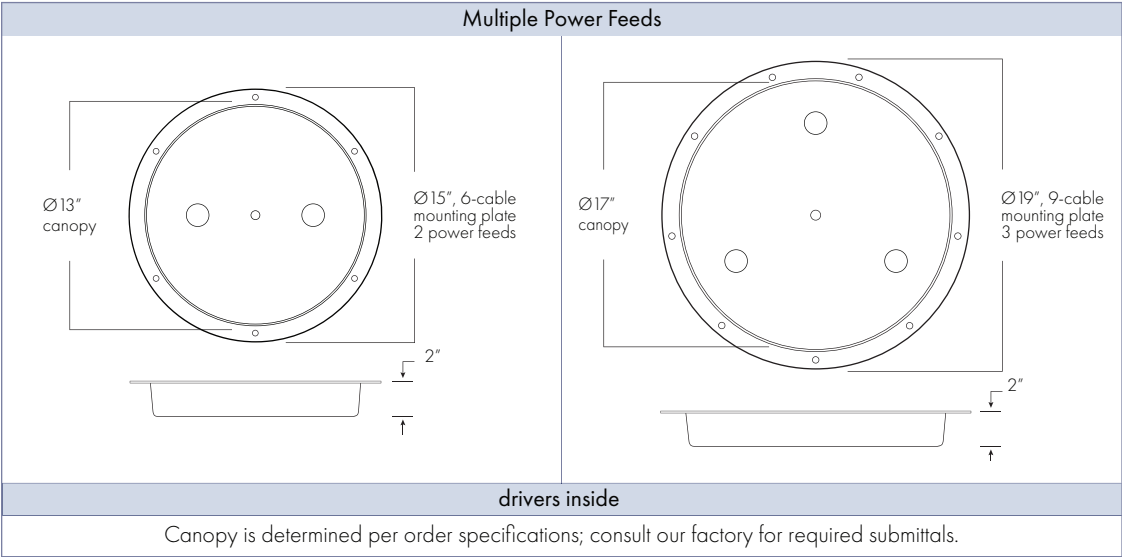
| Power Feed x2 | drivers inside | Power Feed | drivers inside |
|--|----------------|---|----------------|
|  | |  | |
| SO: Ø 120" | | HO: Ø 84" | |
| HO: Ø 72"; 96" and 120" | | | |

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

Fixture Finish

Powder Coat (standard colors)

WHT

matte white

BLK

matte black

GRY

matte gray

ASL

anodized silver

Powder Coat (color match)

RAL

RAL color
(specify code)

CCL

custom color
(provide chip)

Wood Grain (covers inner wall)

WG1

ash

WG2

teak

WG3

walnut

WG4

zebrawood

Vinyl Skin (covers inner wall)

CFS

carbon fiber

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

white

black

silver braid
clear jacket

| 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).

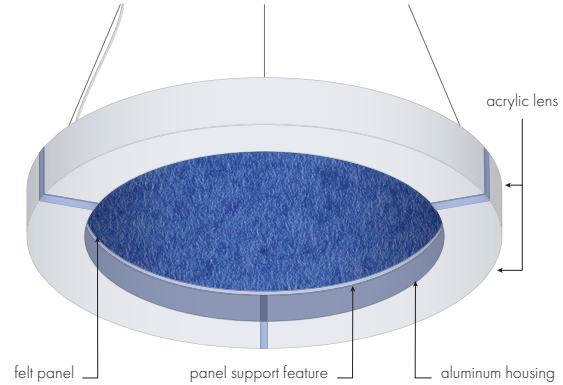
DIM, DIM.1, DALI drivers are rated 120-277 VAC; TRIAC/ELV drivers are rated 120 VAC.

Drawings not to scale
Colors shown here are approximations



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 $\frac{3}{8}$ " thick felt panel centered in ring. Made from 60% recycled PET fiber with NRC .30.

Panel absorber can be combined with Skin absorber.



light gray



dark gray



blue



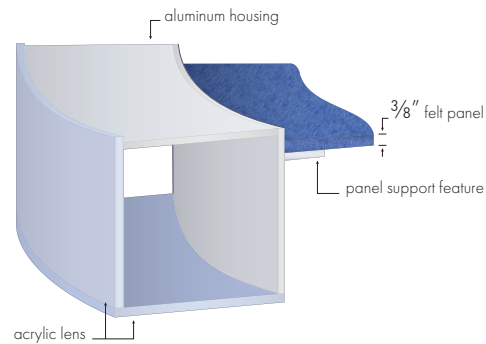
green



yellow



red



Skin

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

Skin absorber can be combined with Panel absorber.



light gray



dark gray



blue



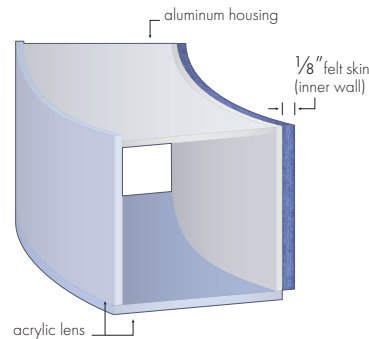
green



yellow



red



Drawings not to scale
Colors shown here are approximations