RP-UP-DN
Ring | Uplight | Downlight

LUMOS
Architectural Lighting

RING WITH BI-DIRECTIONAL GLARE-FREE ILLUMINATION
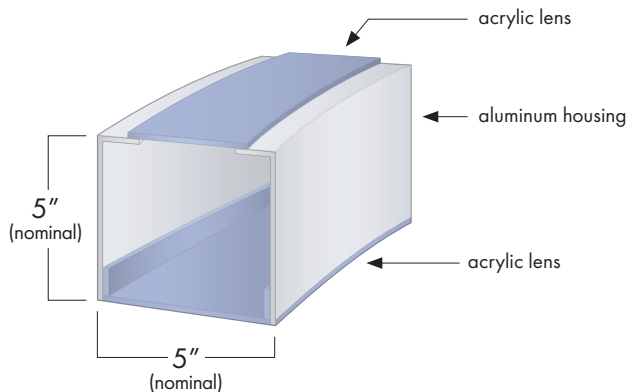
Features

Diameter:	24" to 240" (nominal)
Output:	95 LPW
Housing:	Aluminum
Lens:	Transmissive, frosted acrylic
Mounting:	Pendant
Driver:	Integral or remote
Weight:	5 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 website

- ❯ Power-over-Cable option
- ❯ Mounting for multi-ring clusters
- ❯ RGB+W in standard lumen output range
- ❯ Acoustic options available

acrylic lens

aluminum housing

acrylic lens

5" (nominal)

5" (nominal)

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RP-UP-DN
Ring | Uplight | Downlight

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Project: _____ Type: _____ Date: _____

Order: _____

Order Guide

| MOD/CSM | RP-UP-DN | 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.4-6 |

Ø (in.)
- 24
- 36
- 48
- 60
- 72
- 84
- 96
- 120
- 144
- 168
- 192
- 240

Output
- **SO** standard 563 lm/linear ft
- **HO** high 1125 lm/linear ft
- **MD** modify lumens and watts (consult factory)

LED

Static White
- **830** CRI >80 3000°K
- **835** CRI >80 3500°K
- **840** CRI >80 4000°K
- **930** CRI >90 3000°K
- **935** CRI >90 3500°K
- **940** CRI >90 4000°K

Dynamic White
- **TW** tunable white 2700-6500 °K
- **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)

Driver

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

Mounting

Pendant
- **SPC** single point canopies
- **MCC** muti-cable center canopy (consult for Ø > 96")
- **MRC** multi-ring cluster (consult for submittals)

Power-over-Cable (PoC)
- **MCC-POC** Power-over-Cable with multi-cable center canopy (consult for submittals)

| Fixture Finish | p.7 | Canopy | Cord | p.7 | Options | p.7 | Acoustic Options | p.8 |

Fixture Finish

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

Canopy | Cord

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

Options
- **RMT** remote driver
- **BBU** remote battery backup with remote driver

Acoustic Options

Panel		Skin	
FPL	light gray	**FSL**	light gray
FPD	dark gray	**FSD**	dark gray
FPB	blue	**FSB**	blue
FPG	green	**FSG**	green
FPY	yellow	**FSY**	yellow
FPR	red	**FSR**	red

(max Ø = 144")

Modify & Customize*

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

standard: RP-UP-DN - 96 - SO - 935 - DIM - SPC - BLK - BCC - FPD

modified Lm: **MOD** - RP-UP-DN - 60 - **MD16000LM** - 840 - DIM - MCC - ASL - SCC - RMT

custom ring Ø: **CSM** - RP-UP-DN - **42/67/95** - 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 1125 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	10 lbs	1	3,536	37	7,065	75
36	15 lbs	1	5,303	56	10,598	112
48	20 lbs	1	7,071	75	14,130	149
60	25 lbs	1	8,839	93	17,663	186
72	30 lbs	1	10,607	112	21,195	224
84	35 lbs	3	12,375	131	24,728	261
96	40 lbs	3	14,134	149	28,260	298
120	50 lbs	6	17,678	186	35,325	373
144	60 lbs	6	21,214	224	42,390	447
168	70 lbs	6	24,749	261	49,455	522
192	80 lbs	8	28,285	298	56,520	596
240	100 lbs	8	35,356	373	70,650	745

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.7).

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

SPC Standard Mounting Details

Fixture Ø (in.)	Mounting Points	Ø 2" Non-Power Canopy Qty	Standard Output			High Output		
			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	1	5"x .25"	1	1	5"x .25"	1
36	3	2	1	5"x .25"	1	1	5"x .25"	1
48	3	2	1	5"x .25"	1	1	5"x .25"	1
60	3	2	1	5"x .25"	1	1	5"x .25"	1
72	3	2	1	5"x .25"	1	1	5"x .25"	1
84	6	5	1	5"x .25"	1	1	5"x .25"	1
96	6	5	1	5"x .25"	1	1	5"x .25"	1
120	6	5	1	5"x .25"	1	1	5"x .25"	1
144	6	5	1	5"x .25"	1	1	5"x .25"	1
168	6	5	1	5"x .25"	1	1	5"x .25"	1
192	8	7	1	5"x .25"	1	1	5"x .25"	1
240	8	7	1	5"x .25"	1	1	5"x .25"	1

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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

SPC

- j-box (by others)
- Ø5" single point power feed canopy
- hardware to structure (by others)
- Ø2" single point non-power canopies
- SJT cord
- aircraft cables
- fixture
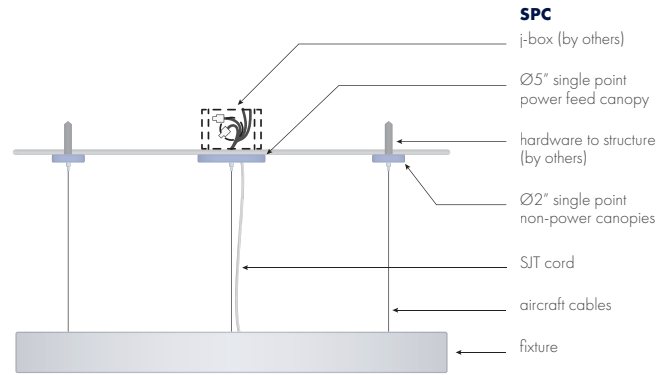
MCC (multi-cable center canopy)

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

- hardware to structure (by others)
- j-box (by others)
- multi-cable center power feed canopy
- SJT cord
- aircraft cables
- fixture
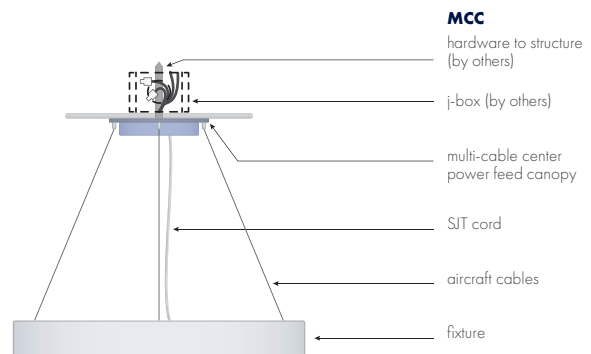
MCC Standard Mounting Details

Fixture Ø (in.)	AC Cable Qty	Min Hang Hight (over 45°)	Standard Output		High Output	
			Canopy Size	Power Cord Qty	Canopy Size	Power Cord Qty
24	3	3"	5"x .25"	1	5"x .25"	1
36	3	9"	5"x .25"	1	5"x .25"	1
48	3	15"	5"x .25"	1	5"x .25"	1
60	3	21"	9"x1.5"	1	9"x1.5"	1
72	3	27"	9"x1.5"	1	9"x1.5"	1
84	6	33"	9"x1.5"	1	9"x1.5"	1
96	6	39"	13"x 2"	1	13"x 2"	1

Drawings not to scale

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RP-UP-DN
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MRC (multiple ring cluster)

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

Consult our factory for required submittals.

MRC

- j-box (by others)
- hardware to structure (by others)
- multi-ring cluster power feed canopy
- aircraft cables
- SJT cords
- fixture
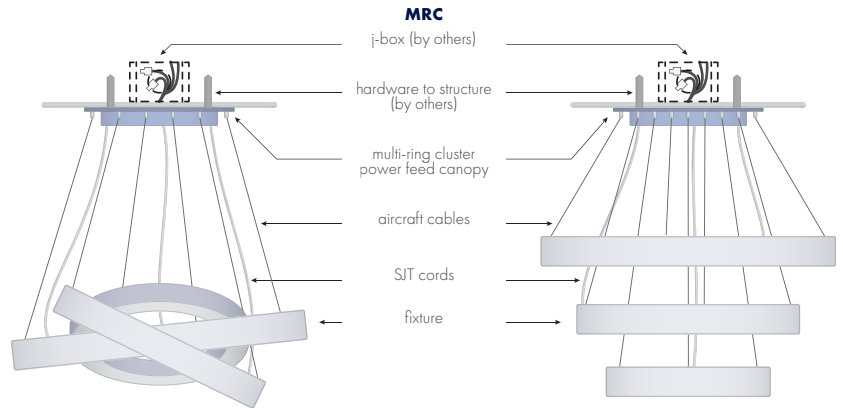
MCC-POC (power-over-cable)

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.

MCC-POC

- hardware to structure (by others)
- j-box (by others)
- multi-cable center power feed canopy
- aircraft cables
- PoC — PoC Power-over-Cables
- fixture

Drawings not to scale

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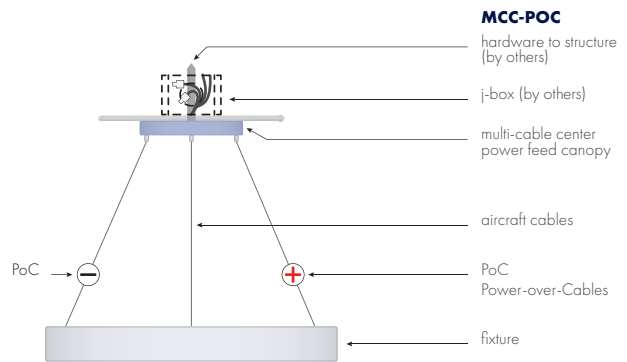
Canopies

SPC (single point canopies)

Non-Power	Power Feed
Ø2" ... ¼"	Ø5" ... ¼"
Ring Ø: 2"-240"	Ring Ø: 2"- 240"

MCC (multi-cable center canopies)

Power Feed	Power Feed	Power Feed
Ø5" ... ¼"	Ø9" ... Ø11", 3-cable mounting plate ... 1-½"	Ø13" canopy ... Ø15", 3-cable mounting plate ... 2"
Ring Ø: 24"- 48"	Ring Ø: 60"- 84"	Ring Ø: 96"- 240"
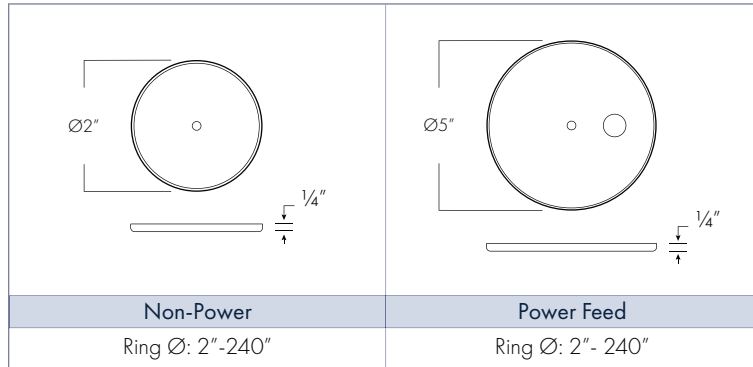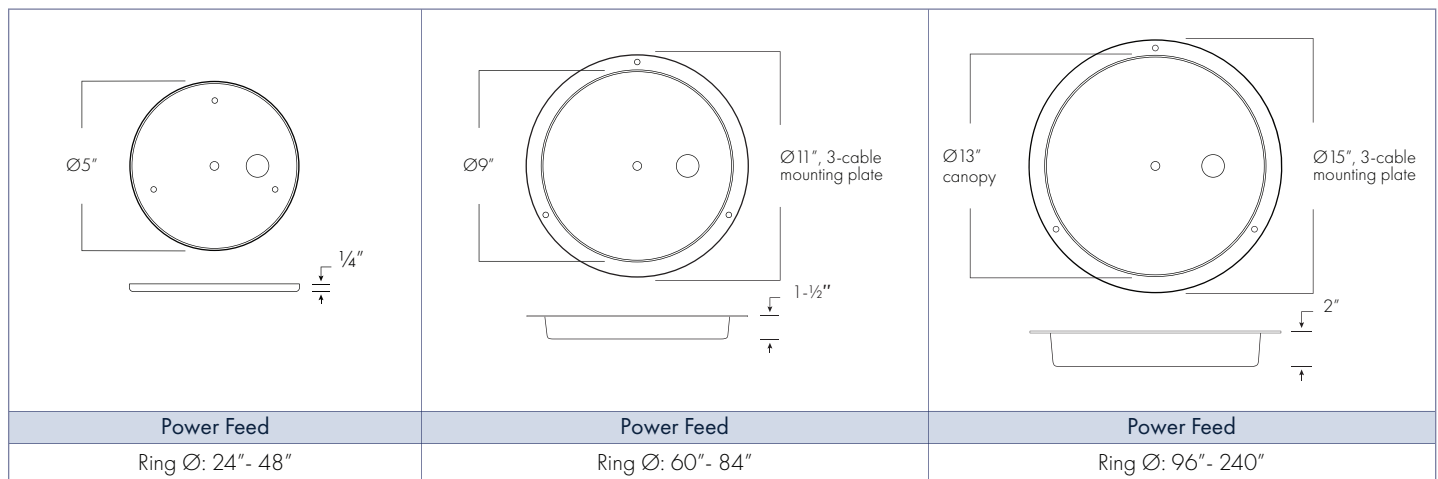
MCC canopy illustrations are shown with 3-cable mounting plates, please note Ø greater than 72"
will have 6-cable mounting plates.

MRC (multi-ring canopies)

Multiple Power Feeds	
Ø13" canopy ... Ø15", 6-cable mounting plate 2 power feeds ... 2"	Ø17" canopy ... Ø19", 9-cable mounting plate 3 power feeds ... 2"
Canopy is determined per order specifications; consult our factory for required submittals.	

Drawings not to scale

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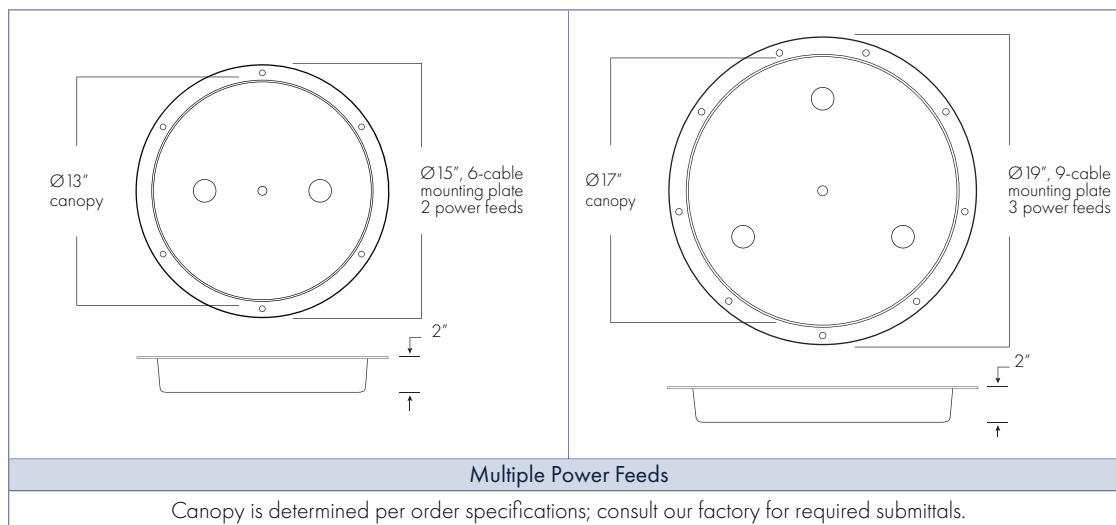
Fixture Finish

Powder Coat (standard colors)

WHT	BLK	GRY	ASL
matte white	matte black	matte gray	anodized silver

Powder Coat (color match)

RAL	CCL
RAL color (specify code)	custom color (provide chip)
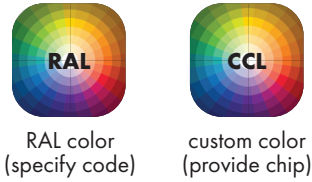
Wood Grain (covers inner and outer walls)

WG1	WG2	WG3	WG4
ash	teak	walnut	zebrawood

Vinyl Skin (covers inner and outer walls)

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

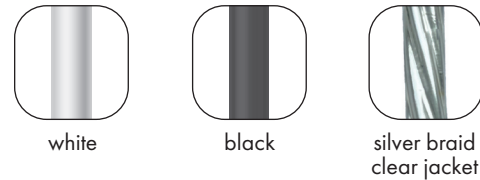| white	black	silver braid clear jacket

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).

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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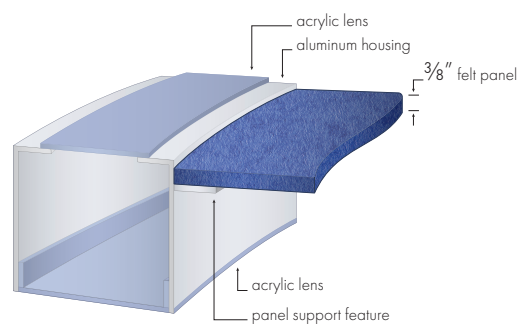Architectural Lighting

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.

aluminum housing

felt panel

panel support feature

acrylic lens
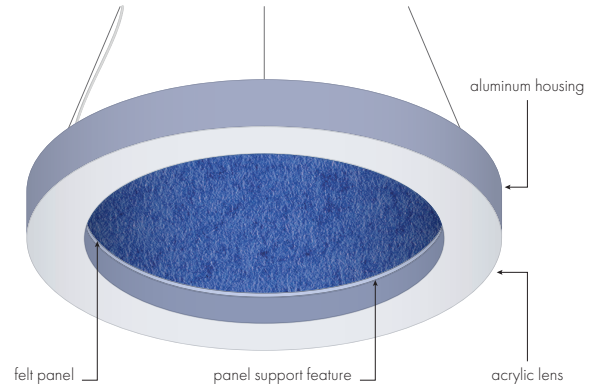
Panel

Durable ⅜" thick felt panel centered in ring. Made from 60% recycled PET fiber with NRC .30.

Panel absorber can be combined with Skin absorber.

FPL	**FPD**	**FPB**
light gray	dark gray	blue

FPG	**FPY**	**FPR**
green	yellow	red

acrylic lens

aluminum housing

⅜" felt panel

acrylic lens

panel support feature

Skin

Inner and outer walls of ring are covered with ⅛" thick felt made from 100% post-consumer recycled polyester fiber with NRC .70.

Skin absorber can be combined with Panel absorber.

FSL	**FSD**	**FSB**
light gray	dark gray	blue

FSG	**FSY**	**FSR**
green	yellow	red

acrylic lens

aluminum housing

⅛" felt skin (outer wall)

acrylic lens

⅛" felt skin (inner wall)

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