RPM-IWL
Mini Ring | Luminous Inner Wall

LUMOS
Architectural Lighting

A MINI RING WITH GLARE-FREE INNER BRILLIANCE

aluminum housing

acrylic lens

2½" (nominal)
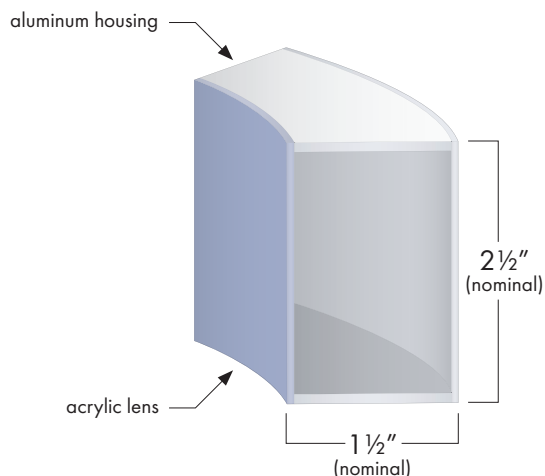
1½" (nominal)

Features

Diameter:	24" to 120" (nominal)
Output:	93 LPW
Housing:	Aluminum
Lens:	Transmissive, frosted acrylic
Mounting:	Pendant or surface
Driver:	Inside canopy or remote
Weight:	3 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 option for multi-ring clusters

➤ RGB+W in standard lumen output range

➤ Acoustic options available

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Rev. 1-2025-1

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RPM-IWL
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Project: _____ Type: _____ Date: _____

Order: _____

Order Guide

| MOD/CSM | RPM-IWL | Ø (in.) | Output | LED | Driver | Mounting | Fixture Finish | Canopy \| Cord | Options | Acoustic Options |

Ø (in.)

| 24 |
| 36 |
| 48 |
| 60 |
| 72 |
| 84 |
| 96 |
| 120 |

Output — p.3

SO	standard 549 lm/linear ft
HO	high 1098 lm/linear ft
MD	modify lumens and watts (consult factory)

LED — p.3

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 500°K
RGBW40	RGB+W 4000°K

(consult for TW, WD & RGB+W)

Driver — p.3

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 — p.3-7

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) |

Surface

| **SRF** | surface mount Includes Ø5" j-box cover plate. Specify finish in SRF section of Canopy Finish (1" stand-off from mounting surface) |

Fixture Finish — p.7

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 |

*outer wall only

Canopy | Cord — p.7

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 — p.8

| **RMT** | remote driver |
| **BBU** | remote battery backup with remote driver |

Acoustic Options — p.9

Panel*

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

*max Ø = 48"

Skin**

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

**outer wall only

Modify & Customize*

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

standard: RPM-IWL - 96 - SO - 935 - DIM - SPC - BLK - BCC - FPD

modified Lm: **MOD** - RPM-IWL - 60 - **MD10000LM** - 940 -DIM - MCC - ASL - SCC - RMT

custom ring Ø: **CSM** - RPM-IWL - **42/67/95** - 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 1098 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	5 lbs	1	3,448	37	6,895	75
36	8 lbs	1	5,172	56	10,343	112
48	10 lbs	1	6,895	75	13,791	149
60	13 lbs	1	8,619	93	17,239	186
72	15 lbs	1	10,343	112	20,686	224
84	18 lbs	3	12,067	130	24,134	261
96	20 lbs	3	13,791	149	27,582	298
120	25 lbs	6	17,239	186	34,477	373

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

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″x 2″	1
60	3	2	2	1	9″x1.5″	1	1	13″x 2″	2
72	3	2	2	1	9″x1.5″	1	1	13″x 2″	2
84	6	5	5	1	13″x 2″	1	1	13″x 2″	2
96	6	5	5	1	13″x 2″	1	1	13″x 2″	2
120	6	4	4	2	13″x 2″	2	2	13″x 2″	2

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

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

Drawings not to scale

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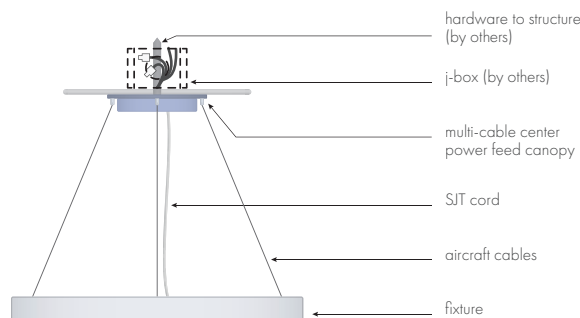Rev. 1-2025-1

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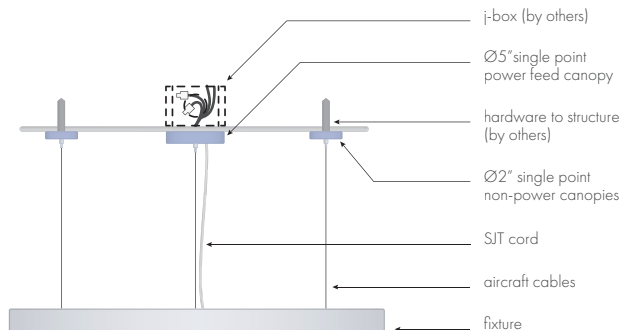
MCC (multi-cable center canopy)

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".
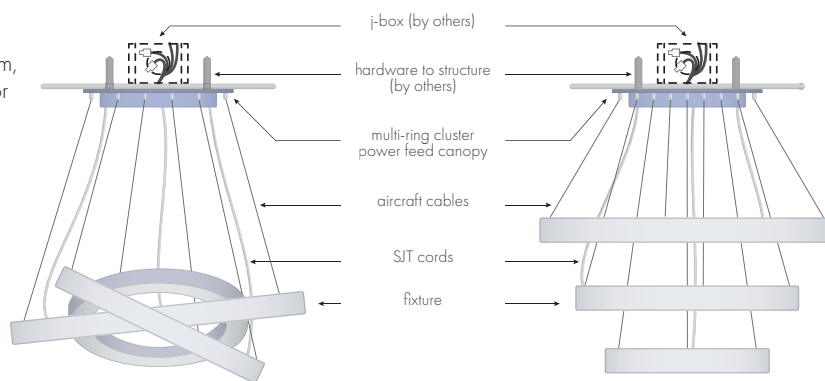
MCC Standard Mounting Details

Fixture Ø (in.)	AC Cable Qty	Min Hang Hight (over 45°)	Standard Output		High Output	
			Canopy Size	Power Cord Qty	Canopy Size	Power Cord Qty
24	3	5"	9"x1.5"	1	9"x1.5"	1
36	3	11"	9"x1.5"	1	9"x1.5"	1
48	3	17"	9"x1.5"	1	13"x 2"	1
60	3	23"	9"x1.5"	1	13"x 2"	2
72	3	29"	9"x1.5"	1	13"x 2"	2
84	6	35"	13"x 2"	1	13"x 2"	2
96	6	41"	13"x 2"	1	13"x 2"	2

hardware to structure (by others)

j-box (by others)

multi-cable center power feed canopy

SJT cord

aircraft cables

fixture

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.

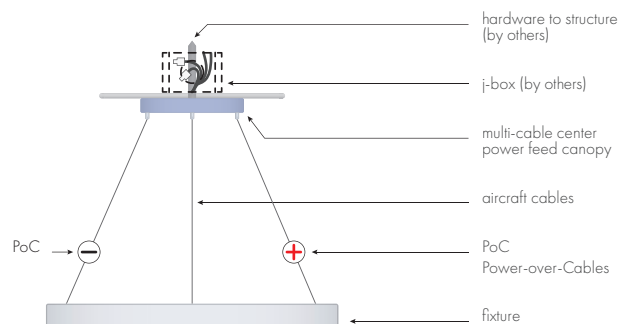Consult our factory for required submittals.

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.

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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Standard Mounting

SRF (surface mounted)

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

j-box (by others)

hardware to structure (by others)

1-inch stand-off

fixture
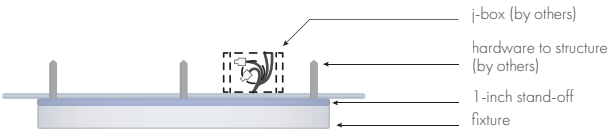
Canopies

SPC (Single Point Canopies)
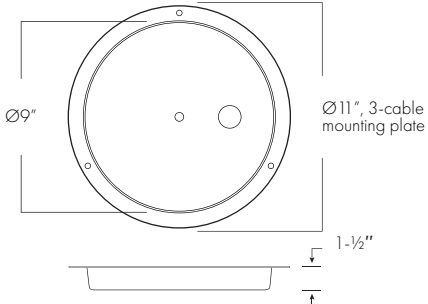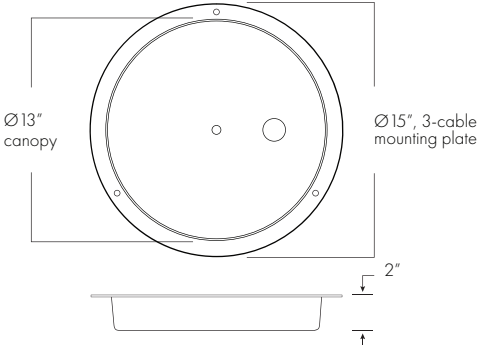
Non-Power	mounting canopy	Power Feed	drivers inside	Power Feed x2	drivers inside
Ø2″ — ¼″		Ø9″ — 1-½″		Ø9″ — 1-½″	
SO: Ø 24″-120″		**SO**: Ø 24″- 72″		**SO**: Ø 120″	
HO: Ø 24″-120″		**HO**: Ø 24″- 36″			
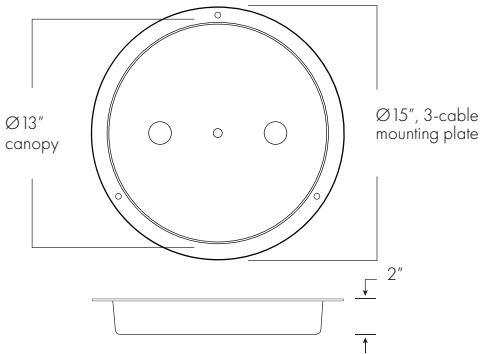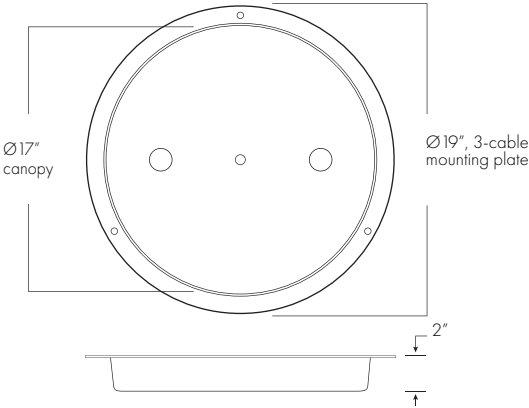
Power Feed	drivers inside	Power Feed x2	drivers inside
Ø13″ — 2″		Ø13″ — 2″	
SO: Ø 84″- 96″		**HO**: Ø 60″- 96″	
HO: Ø 48″			

Drawings not to scale

MCC (Multi-Cable Center Canopies)

Power Feed	drivers inside	Power Feed	drivers inside
Ø9″	Ø11″, 3-cable mounting plate — 1-½″	Ø13″ canopy	Ø15″, 3-cable mounting plate — 2″
SO: Ø 24″- 72″		**SO**: Ø 84″-108″	
HO: Ø 24″-36″		**HO:** Ø 48″	

Power Feed x2	drivers inside	Power Feed x2	drivers inside
Ø13″ canopy	Ø15″, 3-cable mounting plate — 2″	Ø17″ canopy	Ø19″, 3-cable mounting plate — 2″
HO: Ø 60″- 96″		**SO**: Ø 120″	

Drawings not to scale

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"

drivers inside
Canopy is determined per order specifications; consult our factory for required submittals.
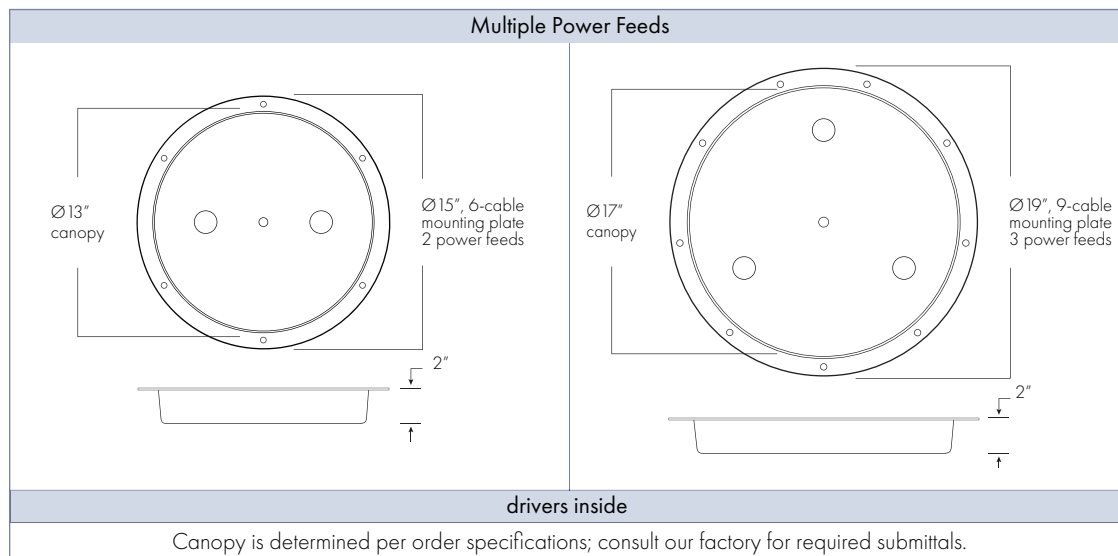
Fixture Finish

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

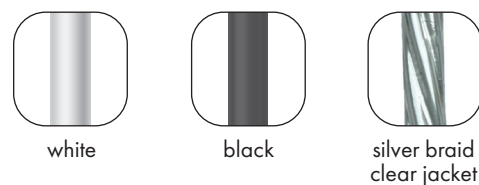### Vinyl Skin (covers inner and outer walls)

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

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

Drawings not to scale
Colors shown here are approximations
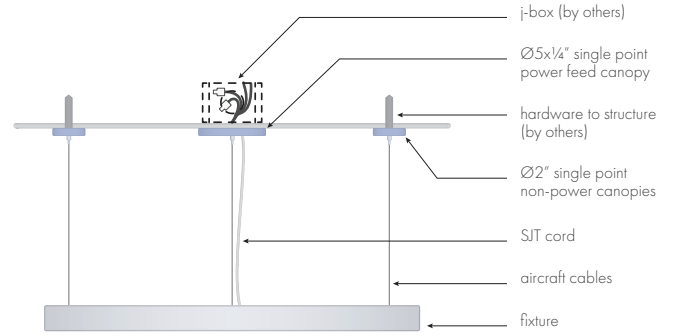
Options

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.

j-box (by others)

Ø5x¼" single point power feed canopy

hardware to structure (by others)

Ø2" single point non-power canopies

SJT cord

aircraft cables

fixture

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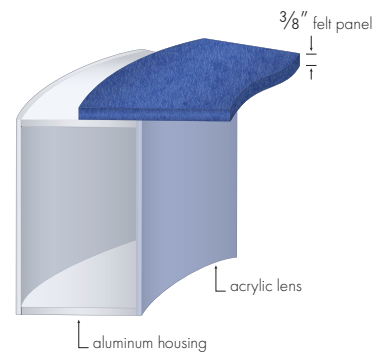Architectural Lighting

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

acrylic lens
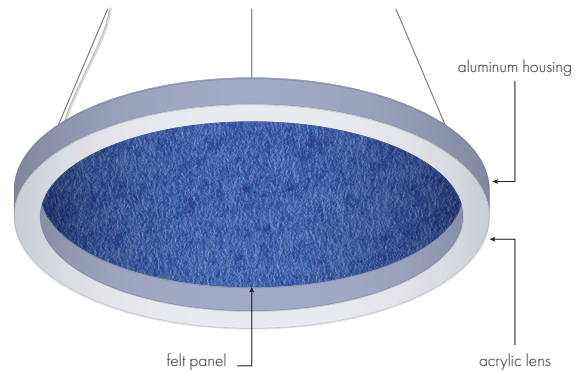
felt panel

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.

⅜" felt panel

acrylic lens

aluminum housing

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

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.

acrylic lens

aluminum housing

⅛" felt skin (outer wall)

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

Drawings not to scale
Colors shown here are approximations