RPM-DN
Mini Profile | Downlight

LUMOS
Architectural Lighting

MODERN SLIMLINE RING WITH
DIRECT, GLARE-FREE BRILLIANCE

shown with EXTOW option

aluminum housing
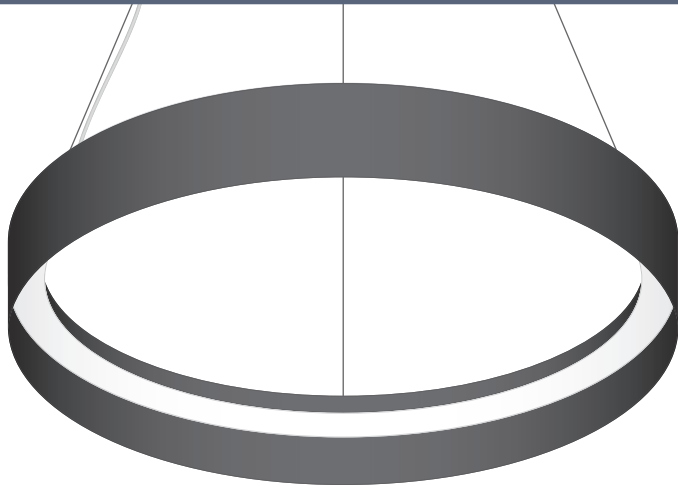
2½" (nominal)

1½" (nominal)
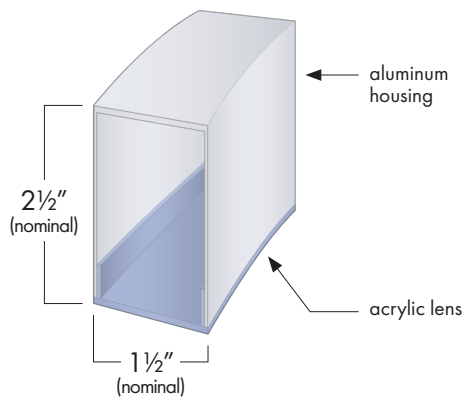
acrylic lens

Features

Diameter:	24" to 120" (nominal)
Output:	54 LPW
Housing:	Aluminum
Lens:	Transmissive, frosted acrylic
Mounting:	Pendant or surface
Driver:	Inside canopy or remote
Weight:	3 lb/ft
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

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Limited 5 year Warranty

UL CERTIFIED SAFETY US-CA SÉRETÉ US-CA

INTERNATIONAL WELL BUILDING INSTITUTE™

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LUMOS
Architectural Lighting

Project: _____ Type: _____ Date: _____

Order: _____

Order Guide

MOD/CSM → RPM-DN → Shape/Dims → Output → LED → Driver → Mounting → Fixture Finish → Canopy | Cord → **Options** → **Acoustic Options**

Shape/Dims

SQU square	**24**
RCT rectangle	**36**
HEX hexagon	**48**
TRI triangle	**60**
RNG ring	**72**
DIA diamond	**84**
STR straight	**96**
ARC* arc	**120**
FFS* free form shape	**X"x X"**
PIL* pill	
Y* Y shape	

* consult factory: RCP, and factory submittal riquired

Output   p.3

SO standard 322 lm/linear ft

HO high 645 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 3500°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

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

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
EXTIW	extend inner wall to 4"OAH
EXTOW	extend outer wall to 4"OAH

Acoustic Options   p.9

Panel*

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

*max Ø = 96"

Skin

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

Modify & Customize*

MOD indicates a modification to standard spec attributes

CSM indicates a customized feature

standard: RPM-DN-RNG-96-SO-935-DIM-SRF-BLK-BCC-FPD

modified Lm: **MOD** - RPM-DN-RNG-60-**MD10000LM**-840-DIM-MCC-ASL-SCC-RMT

custom ring Ø: **CSM** - RPM-DN-RNG-**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 645 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	2,022	37	4,051	75
36	7 lbs	1	3,033	56	6,076	112
48	9 lbs	1	4,044	74	8,101	149
60	11 lbs	1	5,055	93	10,127	186
72	14 lbs	1	6,066	112	12,152	224
84	16 lbs	3	7,078	130	14,177	261
96	18 lbs	3	8,089	149	16,202	298
120	23 lbs	6	10,111	186	20,253	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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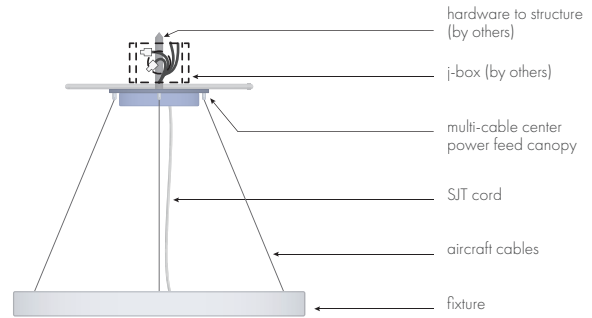Rev. 12-2024-3

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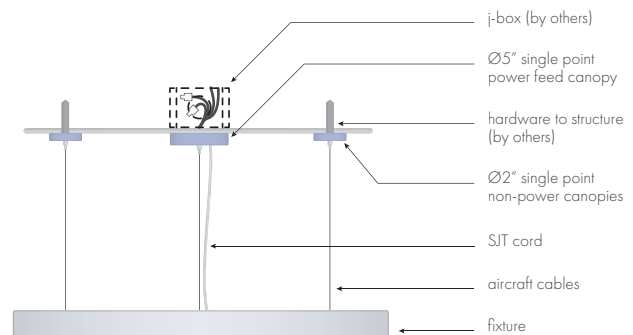
MCC (multi-cable center canopy)

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".
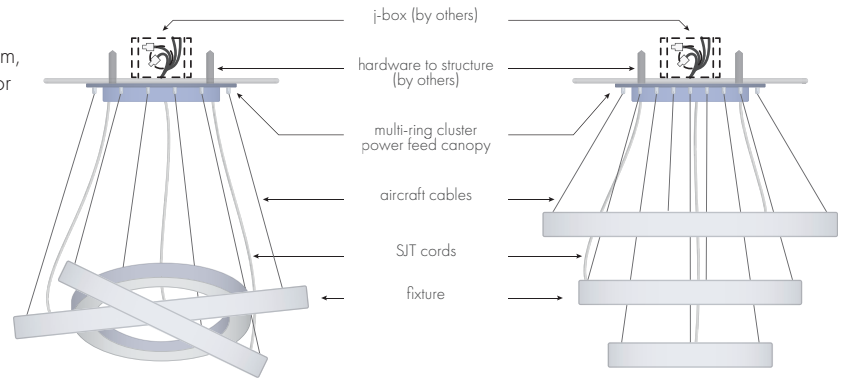
MCC Standard Mounting Details

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
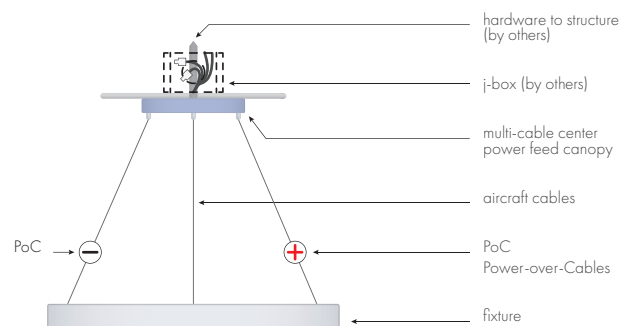SJT cords
fixture

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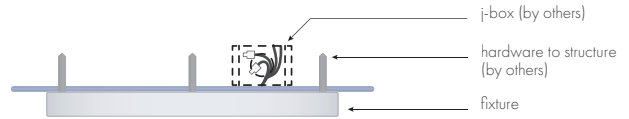
hardware to structure (by others)
j-box (by others)
multi-cable center power feed canopy
aircraft cables
PoC
PoC Power-over-Cables
fixture

Drawings not to scale

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Standard Mounting

SRF (surface mounted)

Luminaire is fastened flush to mounting structure.

j-box (by others)

hardware to structure (by others)

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

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MCC (Multi-Cable Center Canopies)

Power Feed	drivers inside
Ø9" Ø11", 3-cable mounting plate 1-½"	
SO: Ø 24"- 72"	
HO: Ø 24"-36"	

Power Feed	drivers inside
Ø13" canopy Ø15", 3-cable mounting plate 2"	
SO: Ø 84"-108"	
HO: Ø 48"	

Power Feed x2	drivers inside
Ø13" canopy Ø15", 3-cable mounting plate 2"	
HO: Ø 60"- 96"	

Power Feed x2	drivers inside
Ø17" canopy Ø19", 3-cable mounting plate 2"	
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.
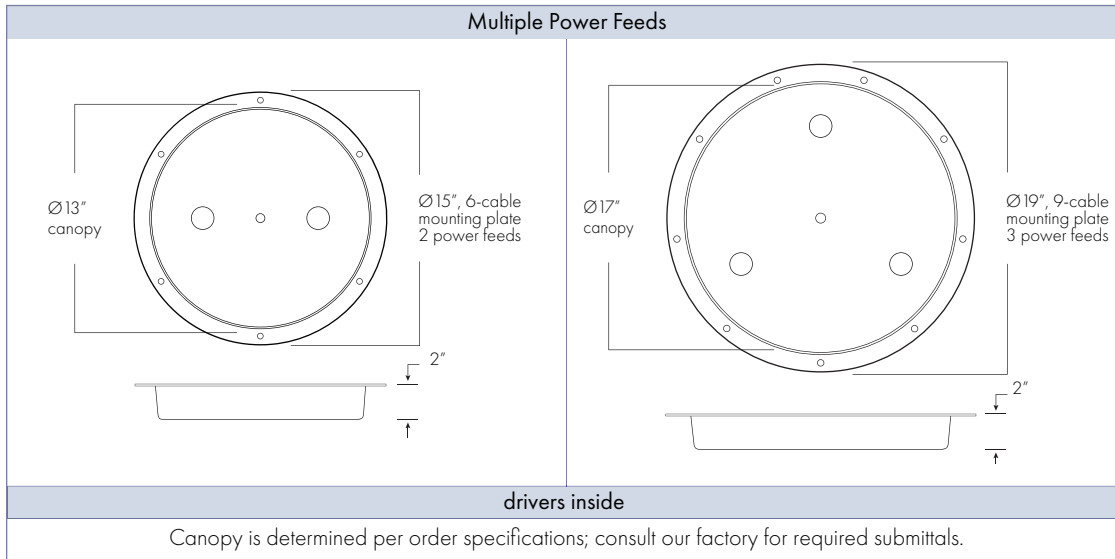
Fixture Finish

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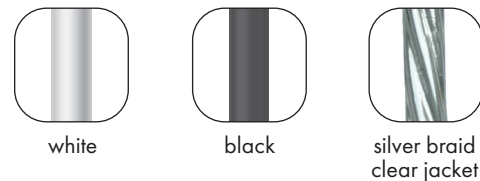
Standard	Canopy	Cord
WCC	white	white
BCC	black	black
SCC	silver	silver
MBC	white	silver

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

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

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

Drawings not to scale
Colors shown here are approximations

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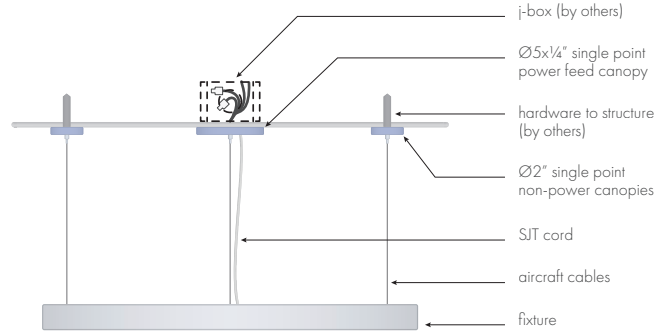
Options

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).
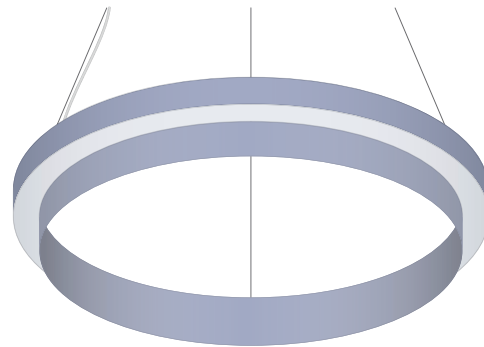
BBU

Emergency backup battery is connected to each driver, which operates for 90 minutes. Test switch and LED indicator included. When 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.
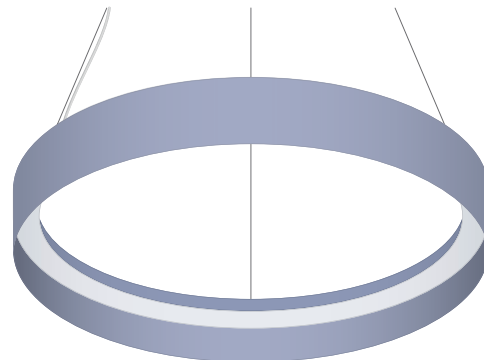

j-box (by others)

Ø5x¼" single point power feed canopy

hardware to structure (by others)

Ø2" single point non-power canopies

SJT cord

aircraft cables

fixture

EXTIW

Ring's inner wall is extended to 4" OAH

EXTOW

Ring's outer wall is extended to 4" OAH

Drawings not to scale

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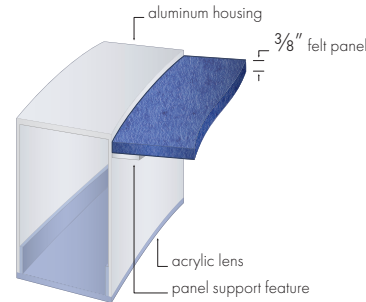Rev. 12-2024-3

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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.

aluminum housing

felt panel   panel support feature   acrylic lens
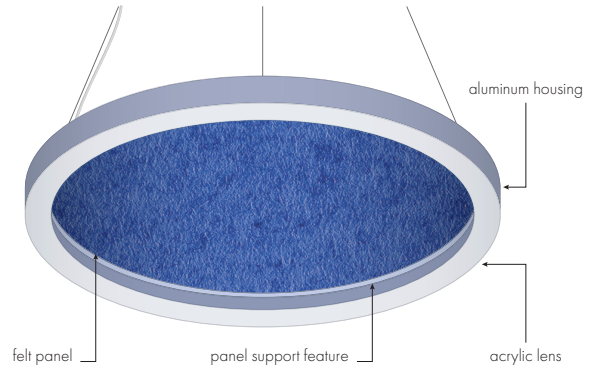
Panel

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

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

aluminum housing
⅛" felt skin (outer wall)
acrylic lens
⅛" felt skin (inner wall)

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