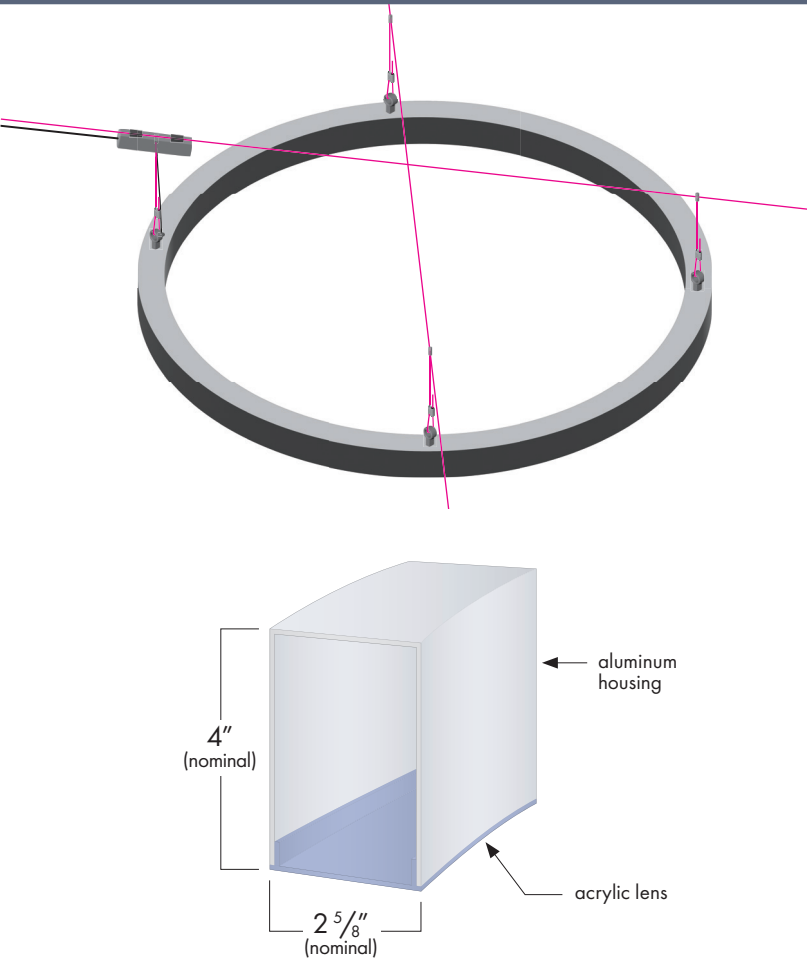


RM42-DN-EXT

Modular Fixture System | Direct | Exterior

LUMOS
Architectural Lighting

EXTERIOR PROFILE WITH MASSIVE CAPABILITIES



Features

Diameter:	24" to 96"
Output:	85 LPW
Housing:	Extruded and formed aluminum
Lens:	Transmissive, frosted acrylic
Mounting:	Pendant, catenary, recessed, and surface
Driver:	IP67
Weight:	3 lb/linear ft
Certification:	Exterior rated
Warranty:	3-year limited warranty
Photometry:	Third-party photometric report and IES files on the web site

- Continuous rows available
- Custom shapes available
- Power-over-Cable option
- RGB+W in standard lumen output range
- Catenary mounting option

RM42-DN-EXT

Modular Fixture System | Direct | Exterior

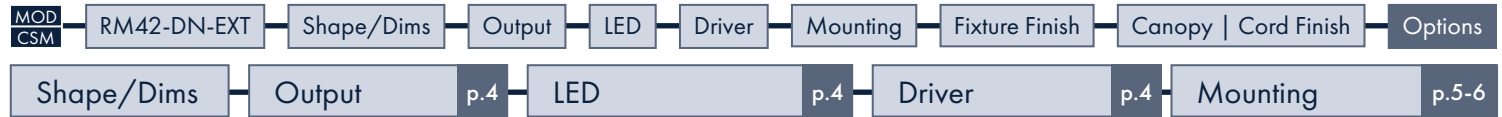
LUMOS
Architectural Lighting

Project: _____ Type: _____ Date: _____

Order: _____

Example: MOD-RM42-DN-EXT-RNG-120-MD8550LM-830-DIM-CAT-WGX

Order Guide



SQU 24
square

RCT 36
rectangle

HEX 48
hexagon

TRI 60
triangle

RNG 72
ring

DIA 84
diamond

OVL* 96
oval

STR* X" x X"
straght

ARC* X" x X"
arc

FFS* X" x X"
free form shape

PIL* X" x X"
pill

Y* X" x X"
Y shape

SO standard
501 lm/ft

HO high
895 lm/ft

MD modify lumens
and watts
(consult factory)

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

Red, Green, Blue + White*

RGBW30 RGB+W 3000°K

RGBW35 RGB+W 3500°K

RGBW40 RGB+W 4000°K

*consult for RGB+W

DIM 0-10 V/1%

DIM-.1 0-10 V/.1%

TRC TRIAC/ ELV

DAL DALI

DMX Digital Multiplex
(consult factory)

Drivers rated 120-277 VAC

Pendant

SPC single point canopies
w/seismic cable bracing

Closed Shapes

MCC multi-cable center canopy
w/seismic cable bracing

Catenary

CAT catenary mounting

Recessed

RFL 1/2" recessed flange

RSF 1 1/2" recessed spackle flange

Surface

SRF surface mount

Fixture Finish p.7 — Canopy | Cord p.7 — Options 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

*not available on full exposure
exterior applications

Powder Coat		
Standard	Canopy Color	Cord Color
WCC	white	white
WBC	white	black
BCC	black	black
BWC	black	white
SWC	silver	white
SBC	silver	black
RAL		
RCW	RALX	white
RCB	RALX	black
Custom		
CCW	CCL	white
CCB	CCL	black

RMT remote driver

BBU remote battery back up with remote driver

RCX* round corners X = 6", 12" or 18" radius

SMC seismic cables

*6" min radius, consult factory for submittal

Modified*

MOD indicates a modification to standard spec attributes

standard: RM42-DN-EXT-96-SO-935-DIM-SPC-BLK-BCC

modified Lm: **MOD**-RM42-DN-EXT-RNG-120-MD8550LM-830-DIM-CAT-BLK-BCC

***MOD** placed at the beginning of an order sequence

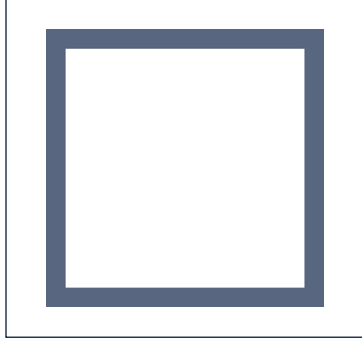


Shape Capabilities

Below are the 12 standard shapes we offer in this series.

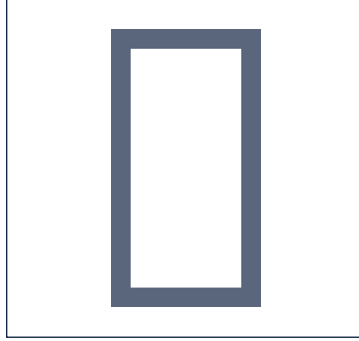
Required dimensions for each shape in **red**. Consult factory for custom shape options.

Rounded corner '**RC**' option available (see pg7 options)



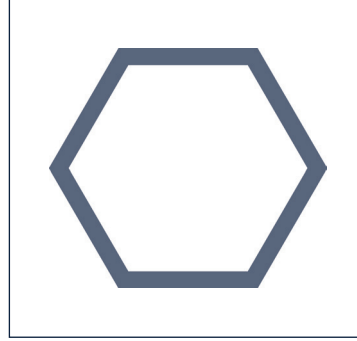
SQU | Square

1 side length



RCT | Rectangle

Length and width



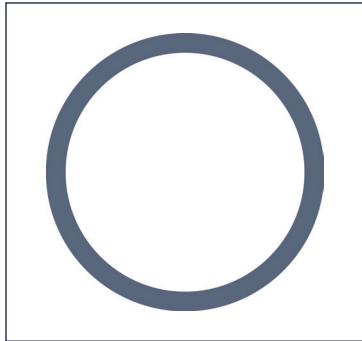
HEX | Hexagon

1 side length or
corner to corner diameter



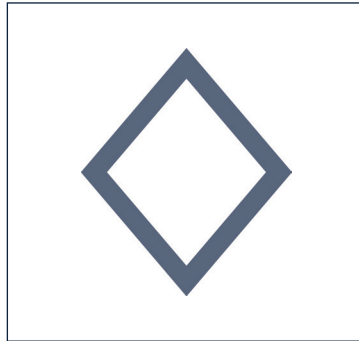
TRI | Triangle

3 side lengths



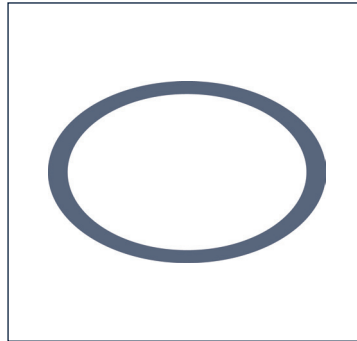
RNG | Ring

Diameter



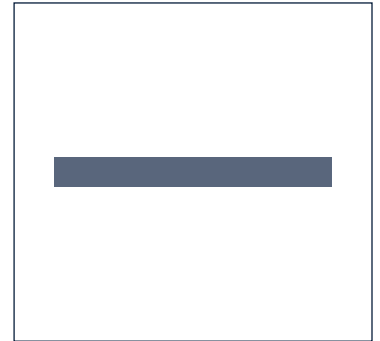
DIA | Diamond

2 corner to corner diameters

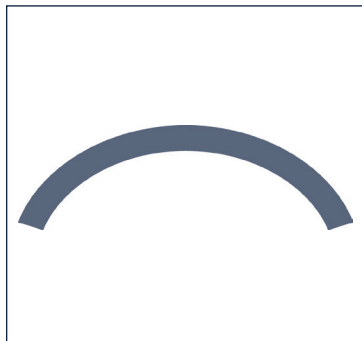


OVL* | Oval

Length and width



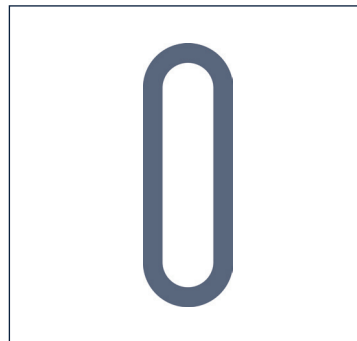
STR* | Straight



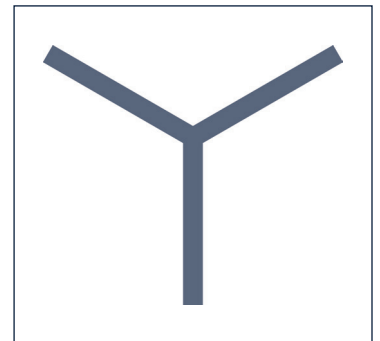
ARC* | Arc



FFS* | Free Form Shape



PIL* | Pill



Y* | Y shape

* Consult factory: RCP, and factory submittal required

Drawings not to scale

RM42-DN-EXT

Modular Fixture System | Direct | Exterior

LED

Conformally coated LEDs

- 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.

RGBW30 | RGBW35 | RGBW40 RGB + White LED lumen output is the same as static white LED as shown in the table
(consult factory for 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

IP67 drivers

Drivers are 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

RM42-DN-EXT

Modular Fixture System | Direct | Exterior

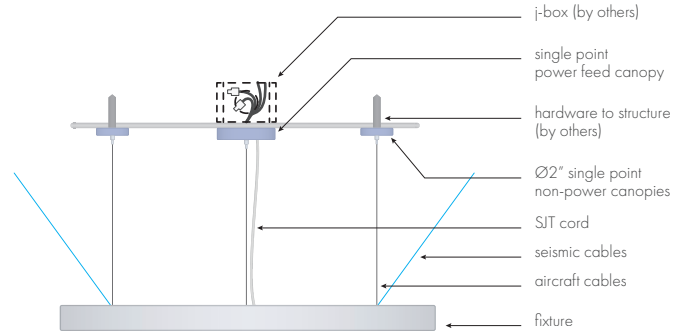
LUMOS
Architectural Lighting

Standard Mounting

SPC (single point canopy) and SPCS (includes seismic cables)

Shapes are suspended with straight, 100" field adjustable aircraft cables individually attached to single point Ø2" non-power canopies and a power feed canopy. Drivers located remotely wired and mounted to an aluminum plate (enclosure by others).

Consult factory for custom mounting options



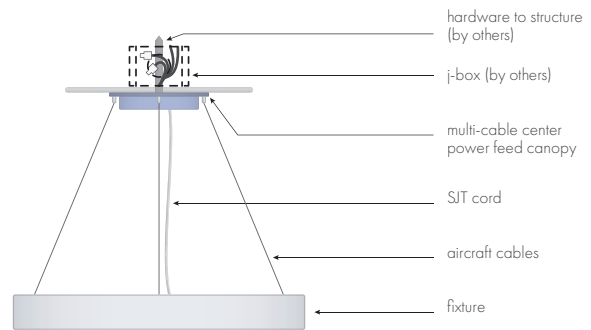
MCC (multi-cable center canopy)

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

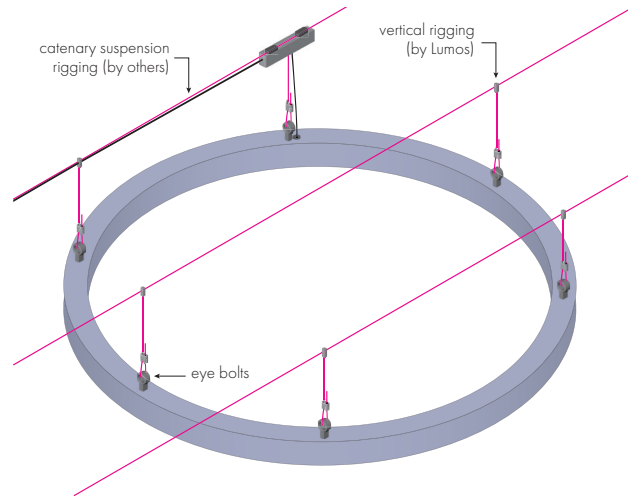
Fixture Ø (in.)	AC Cable Qty	Min Hang Hight (over 45°)	Standard Output		High Output	
			Canopy Size	Power Cord Qty	Canopy Size	Power Cord Qty
24	3	3"	5"x .25"	1	5"x .25"	1
36	3	9"	5"x .25"	1	5"x .25"	1
48	3	15"	5"x .25"	1	5"x .25"	1
60	3	21"	9"x1.5"	1	9"x1.5"	1
72	3	27"	9"x1.5"	1	9"x1.5"	1
84	6	33"	9"x1.5"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



CAT (catenary mounting)

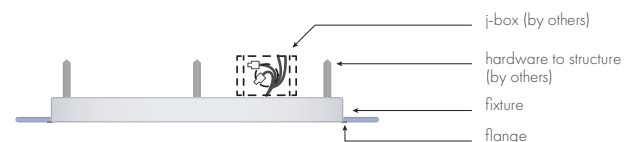
Rings are suspended from eye bolts with straight, field adjustable catenary cables individually attached to catenary rigging (by others). Seismic bracing cables are also available.

Consult factory for custom mounting options



RFL and RSF (recessed mount)

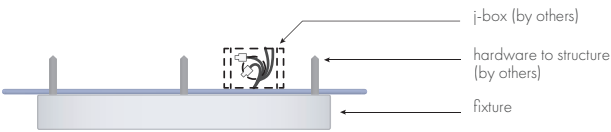
Luminaire is recessed flush to mounting structure with a 1/2" flange. Drivers located remotely wired and mounted to an aluminum plate (enclosure by others).



Drawings not to scale

SRF (surface mounted)

Luminaire is fastened flush to mounting structure. Drivers located remotely wired and mounted to an aluminum plate (enclosure by others).



Canopies

SPC (single point canopies)

<p>Ø2"</p> <p>1/4"</p>	<p>Ø5"</p> <p>1/4"</p>
Non-Power	Power Feed
Ring Ø: 2" - 240"	Ring Ø: 2" - 240"

MCC (multi-cable center canopies)

<p>Ø5"</p> <p>1/4"</p>	<p>Ø9"</p> <p>Ø11", 3-cable mounting plate</p> <p>1-1/2"</p>	<p>Ø13" canopy</p> <p>Ø15", 3-cable mounting plate</p> <p>2"</p>
Power Feed	Power Feed	Power Feed
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.

Drawings not to scale

RM42-DN-EXT

Modular Fixture System | Direct | Exterior

LUMOS
Architectural Lighting

Fixture Finish

Powder Coat (standard colors)



matte white



matte black



matte gray



anodized silver

Powder Coat (color match)



RAL color
(specify code)



custom color
(provide chip)

Wood Grain* (covers inner and outer walls)



ash



teak



walnut



zebrawood

Vinyl Skin* (covers inner and outer walls)



carbon fiber

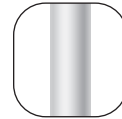
*not available on full exposure exterior applications

Canopy | Cord Finish

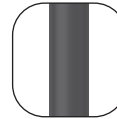
Canopy finish options include powder coat in standard or custom colors. When RAL or custom colors are applied to fixtures, canopies may be custom finished to match. 4-digit RAL color code or color chip must be provided.

While choosing a canopy finish, choose a power cord color.

SJT Cord



white



black

Standard	Canopy	Cord
WCC	white	white
WBC	white	black
BCC	black	black
BWC	black	white
SWC	silver	white
SBC	silver	black

RAL	Canopy	Cord
RCW	RALX	white
RCB	RALX	black

Custom	Canopy	Cord
CCW	CCL	white
CCB	CCL	black

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).

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.

RCX (X = radius)

Rounded corners are available in 6, 12 and 18" radius. Consult factory for custom sizes.

SMC

Seismic cables attached between the light fixture (typically large or heavy pendant fixtures) and the building's structural components—like beams or the ceiling deck. Recommended for areas prone to earthquakes.

Drawings not to scale
Colors shown here are approximations