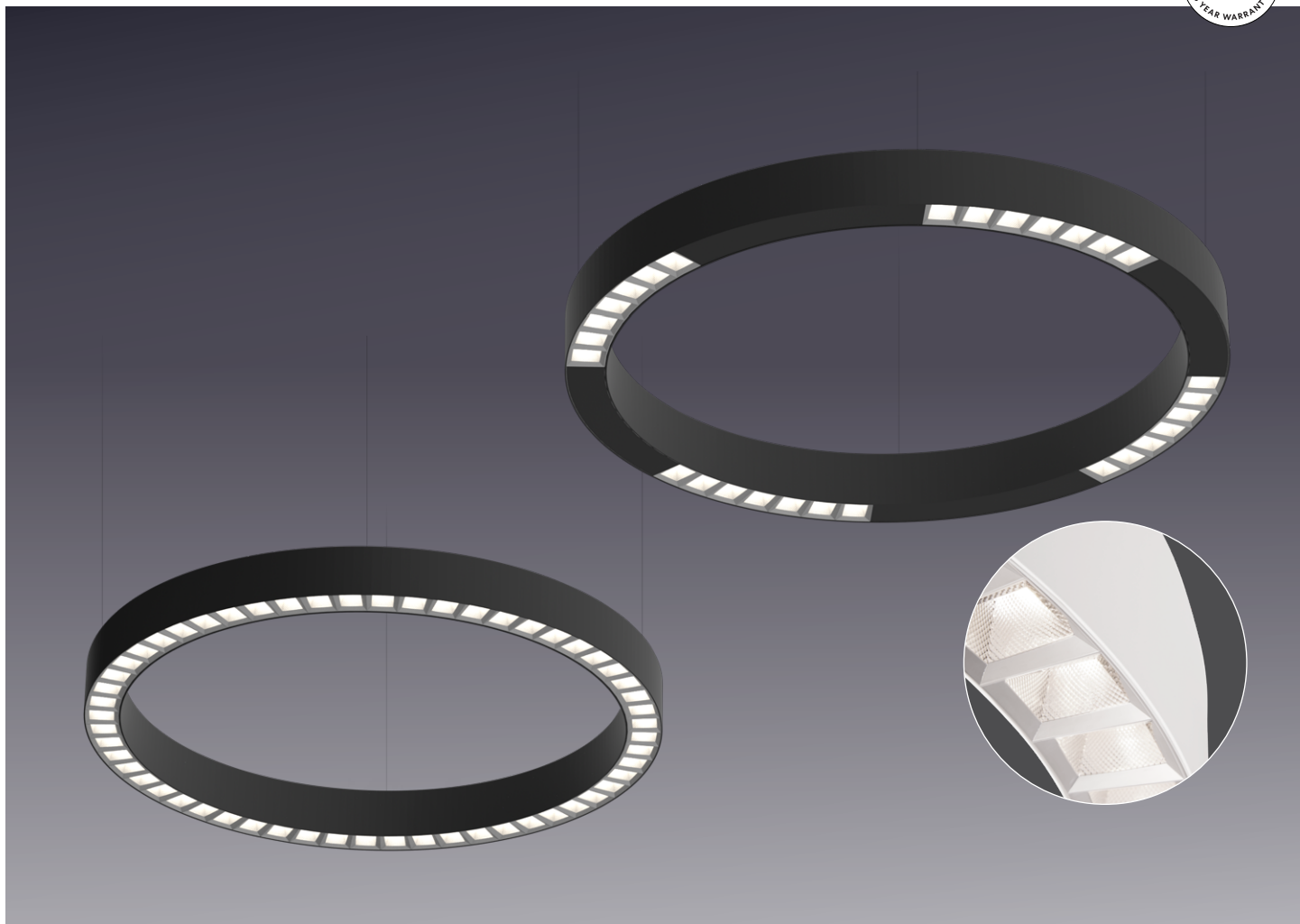


# CURVIA 2 PRISM

## RING

### PENDANT - RECESSED - SURFACE



Our extensive Curvia family illuminates with elegant curvilinear shapes and patterns, enhancing spaces with a soft touch and a graceful sense of movement. Curvia Prism luminaires integrate our Diamond Prism Optic (DPO), which minimizes glare and delivers high-quality, visually comfortable light.

**SENSORS**  
For latest information on sensors, click [here](#).

Curvia Additions Brochure

#### Curvia Family (Refer to other spec sheets)

Curvia Mini	Curvia Slim	Curvia Slim Seal	Curvia Prism	Curvia	Curvia XYZ	Curvia Horizon	Curvia Perimeter	Curvia Seal Perimeter	Curvia Seal	Curvia Acoustix
1"	1", 2"	1", 2"	2"	2", 3", 4"	2", 3"	2", 3"	2", 3", 4", 5"	2", 3", 4"	2", 3", 4"	2"
Ring	Ring Shapes Pattern	Ring Shapes Pattern	<b>Ring</b> Shapes Pattern	Ring Shapes Pattern	Pattern	Ring Shapes	Pattern	Pattern	Ring Shapes Pattern	Ring Shapes Pattern

3737 Cote Vertu St-Laurent, Quebec, Canada H4R 2C9  
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CURVIA2-PRISM-RING-SPEC-REV4 September 18, 2025

# CURVIA 2 PRISM RING

PENDANT - RECESSED - SURFACE



Project: \_\_\_\_\_

Type: \_\_\_\_\_

## Order Guide

A drawing of your configuration is required - anything from a line drawing to an architectural drawing. You can also use the template on page 4 to sketch your configuration.

LUMINAIRE ID	DISTRIBUTION	SIZE <sup>2</sup>	CONFIGURATION <sup>3</sup>	DIRECT OPTIC <sup>5</sup>	
<b>CURV2PRRIP</b> - Curvia 2" Prism Ring Pendant <b>CURV2PRRIR</b> - Curvia 2" Prism Ring Recessed <b>CURV2PRRIS</b> - Curvia 2" Prism Ring Surface	<b>DI</b> <sup>1</sup> - Direct/Indirect <b>D</b> - Direct  <sup>1</sup> Available for pendant mounting only.	<b>36IN</b> - Ø 36" <b>72IN</b> - Ø 72"  <sup>2</sup> Dimensions are referenced to fixture centerline. See page 5 for actual dimensions.	<b>FULL</b> - Fully lit <b>CONA</b> - Configuration A <b>CONB</b> - Configuration B  <sup>3</sup> See page 4 for details. <sup>4</sup> A drawing of your custom configuration is required - anything from a line drawing to an architectural drawing. You can also use the template on page 4 to sketch your layout. Louvers are 1ft nominal. Specify the quantity of louvers and the angle at which to position them. The rest will be filled with blanks. Up to 7 louver sections are available for 36"; up to 15 for 72".	<b>CONC</b> - Configuration C <b>COND</b> - Configuration D <b>CONCS</b> <sup>4</sup> - Custom configuration  <sup>5</sup> See page 7 for details.	<b>SDPO</b> - Matte Silver Diamond Prism Optic <b>PDPO</b> - Precision Specular Diamond Prism Optic <b>BDPO</b> - Matte Black Diamond Prism Optic <b>WDPO</b> - Matte White Diamond Prism Optic

INDIRECT OPTIC <sup>6</sup> Specify NA for Direct fixture	LIGHT SOURCE <sup>7</sup>	CRI	DIRECT LUMEN PACKAGE <sup>8</sup>	INDIRECT LUMEN PACKAGE <sup>10</sup> Specify NA for Direct fixture	COLOR TEMP.
<b>HLO</b> - High-Efficiency Lambertian Optic <b>NA</b> - Not applicable  <sup>6</sup> The indirect distribution is always fully lit.	<b>SW</b> - Static white  <sup>7</sup> Chromawerx SOLA and DUO also available. Consult factory.	<b>80CRI</b> - 80+ CRI <b>90CRI</b> - 90+ CRI	<b>350LMF</b> - Eco low output 350 lm/ft <b>500LMF</b> - Low output 500 lm/ft <b>750LMF</b> - Medium output 750 lm/ft <b>1000LMF</b> <sup>9</sup> - High output 1000 lm/ft <b>1200LMF</b> <sup>9</sup> - Ultra high output 1200 lm/ft  <sup>8</sup> To calculate the total lumens, multiply the lumen package (lm/ft) by the circumference of the ring (diameter x π). <sup>9</sup> Not available with Matte Black Diamond Prism Optic.	<b>350LMF</b> - Eco low output 350 lm/ft <b>500LMF</b> - Low output 500 lm/ft <b>750LMF</b> - Medium output 750 lm/ft <b>NA</b> - Not applicable  <sup>10</sup> To calculate the total lumens, multiply the lumen package (lm/ft) by the circumference of the ring (diameter x π).	<b>27K</b> - 2700K <b>30K</b> - 3000K <b>35K</b> - 3500K <b>40K</b> - 4000K <b>50K</b> - 5000K

VOLTAGE	DRIVER <sup>12</sup>	ELECTRICAL
<b>120V</b> - 120V <b>277V</b> - 277V <b>UNV</b> - 120V-277V <b>347V</b> <sup>11</sup> - 347V  <sup>11</sup> Available with DI driver only.	<b>D1</b> - 1% 0-10V <b>ELV</b> <sup>13</sup> - ELV 120V <b>TRI</b> <sup>13</sup> - TRIAC 120V <b>DA</b> <sup>14, 15</sup> - DALI <b>LDE1</b> <sup>14, 15</sup> - Lutron Hi-Lume 1% Eco <b>ELD1</b> <sup>15</sup> - eldoLED 1% ECOdrive 0-10V <b>ELDO</b> <sup>15</sup> - eldoLED 0.1% SOLOdrive 0-10V  <sup>12</sup> Integral or remote subject to factory evaluation. Code will be updated with prefix "R" if factory determines driver to be remote. <sup>13</sup> Available with 120V only. <sup>14</sup> On-site commissioning is required. <sup>15</sup> Not available with integral driver for Ø 36".	<b>1C</b> - 1 circuit <b>2C</b> <sup>16</sup> - 2 circuits <b>EC</b> - Emergency-powered fixture <b>NL</b> - Night light fixture <b>DL</b> - Daylight fixture <b>GTD</b> <sup>17, 18, 19</sup> - Generator transfer device fixture <b>+EMB(FI)</b> <sup>17, 18, 20, 21</sup> - Emergency battery, fully lit  <sup>16</sup> Available for Direct/Indirect only. Separate direct and indirect circuits. <sup>17</sup> Integral or remote subject to factory evaluation. GTD/EMB must be housed with the driver. <sup>18</sup> Not available with 347V. <sup>19</sup> Minimum Ø 3" fixture for integral GTD. <sup>20</sup> Only available with remote drivers. The battery powers the direct LEDs. <sup>21</sup> Not available with EC or GTD. To specify, add +EMB(FI) to the selected electrical option and specify the quantity (#), e.g. 1C+EMB(FI).

MOUNTING <sup>22</sup>	FINISH <sup>27</sup>	OPTIONS <sup>28</sup>
<b>PENDANT</b> <sup>23</sup>  <u>Single canopy</u> <sup>24, 25</sup> <b>SRACS</b> - Single round canopy, aircraft cable, standard <b>SRACC()</b> - Single round canopy, aircraft cable, custom  <u>Multiple canopies</u> <sup>26</sup> <b>ACS</b> - Aircraft cable, standard <b>STS</b> - Stem, standard <b>ACC()</b> - Aircraft cable, custom <b>STC()</b> - Stem, custom  <sup>22</sup> The mounting options selected must reflect the luminaire ID. <sup>23</sup> Standard canopies are black for black fixtures, and white for all other finishes. See page 3 for full details on standard and custom options. <sup>24</sup> Only available with Ø 36". <sup>25</sup> The minimum required mounting heights (distance from ceiling to top of fixture in inches) are: Ø 36" - min. 22" <sup>26</sup> 4 Canopies provided.	<b>RECESSED</b> <b>DTR</b> - Trim <b>DMF</b> - Drywall mud flange  <b>SURFACE</b> <b>DRC</b> - Drywall ceiling  <b>W</b> - Matte white <b>AL</b> - Aluminum <b>B</b> - Matte black <b>CF#</b> - Custom finish, specify RAL#  <sup>27</sup> The finish of blanks will match fixture finish.	<b>FU120</b> - Fuse 120V <b>FU277</b> - Fuse 277V <b>CTB9</b> <sup>29</sup> - T-bar caddy clip, 9/16" <b>CTB15</b> <sup>29</sup> - T-bar caddy clip, 15/16" <b>CTG9</b> <sup>29</sup> - Tegular caddy clip, 9/16" <b>CTG15</b> <sup>29</sup> - Tegular caddy clip, 15/16" <b>CST</b> <sup>29</sup> - Screw slot caddy clip <b>FWC</b> <sup>30</sup> - Flexible whip cable (6' std) <b>CP</b> <sup>30</sup> - Chicago Plenum <b>NA</b> - None  <sup>28</sup> Separate codes with a "+" if more than one is specified. <sup>29</sup> Available with pendant mounting aircraft cable option only. <sup>30</sup> Available with recessed mounting only.



# CURVIA 2 PRISM

## RING

### PENDANT - RECESSED - SURFACE



## Pendant Mounting Code

### Aircraft Cable - single canopy

#### Standard

**SRACS** - Single round canopy, aircraft cable, standard

- Ø 5" round single canopy with 4 cables
- Canopy is black for black fixtures, and white for all other fixture finishes
- Power cord is black for black fixtures, and white for all other fixture finishes
- Aircraft cable length is 48"

#### Custom

Example: SRACC(5PC-72IN-W-PCB)

**SRACC ( )** - Single round canopy, aircraft cable, custom

CANOPY SIZE	AIRCRAFT CABLE LENGTH	CANOPY FINISH	POWER CORD COLOR
<b>5PC</b> - Ø 5" power canopy	<b>48IN</b> - 48" <b>72IN</b> - 72" <b>120IN</b> - 120" <b>#IN</b> <sup>1</sup> - Other lengths, specify in inches	<b>W</b> - Matte white <b>AL</b> - Aluminum <b>B</b> - Matte black <b>CF#</b> - Custom finish, specify RAL#	<b>PCW</b> - White <b>PCB</b> - Black

<sup>1</sup>Maximum length is 288". For longer lengths, please consult factory.

### Aircraft Cable - multiple canopies

#### Standard

**ACS** - Aircraft cable, standard

- Ø 5" for power canopy
- Ø 3" for non-power canopy
- Canopies are black for black fixtures, and white for all other fixture finishes
- Power cord is black for black fixtures, and white for all other fixture finishes
- Aircraft cable length is 36"

#### Custom

Example: ACC(3NPC-72IN-W-PCB-NA)

**ACC ( )** - Aircraft cable, custom

NON-POWER CANOPY SIZE	AIRCRAFT CABLE LENGTH	CANOPY FINISH	POWER CORD COLOR	OPTION
<b>3NPC</b> - Ø 3" non-power canopy <b>5NPC</b> - Ø 5" non-power canopy	<b>36IN</b> - 36" <b>72IN</b> - 72" <b>120IN</b> - 120" <b>#IN</b> <sup>1</sup> - Other lengths, specify in inches	<b>W</b> - Matte white <b>AL</b> - Aluminum <b>B</b> - Matte black <b>CF#</b> - Custom finish, specify RAL#	<b>PCW</b> - White <b>PCB</b> - Black	<b>SEM</b> <sup>2</sup> - Seismic mounting <b>SLC</b> <sup>2</sup> - Sloped ceiling for aircraft cable <b>NA</b> - None

<sup>1</sup>Maximum length is 288". For longer lengths, please consult factory.

<sup>2</sup>Not available with the Ø 3" non-power canopy size.

### Stem

#### Standard

**STS** - Stem, standard

- Ø 5" for power canopy
- Ø 5" for non-power canopy
- Canopies are black for black fixtures, and white for all other fixture finishes
- Stem finish is the same color as fixture
- Stem length is 18"
- Stem is not field adjustable

#### Custom

Example: STC(5NPC-36IN-W-STW-SLS)

**STC ( )** - Stem, custom

NON-POWER CANOPY SIZE	STEM LENGTH	CANOPY FINISH	STEM COLOR	OPTION
<b>5NPC</b> - Ø 5" non-power canopy	<b>18IN</b> - 18" <b>36IN</b> - 36" <b>#IN</b> <sup>1</sup> - Specify length in inches	<b>W</b> - Matte white <b>AL</b> - Aluminum <b>B</b> - Matte black <b>CF#</b> - Custom finish, specify RAL#	<b>STW</b> - Matte white <b>STAL</b> - Aluminum <b>STB</b> - Matte black <b>STCF#</b> - Custom finish, specify RAL#	<b>SLS</b> - Sloped ceiling for stem <b>NA</b> - None

<sup>1</sup>Minimum length is 6". Maximum length is 72". Stem is not field adjustable.

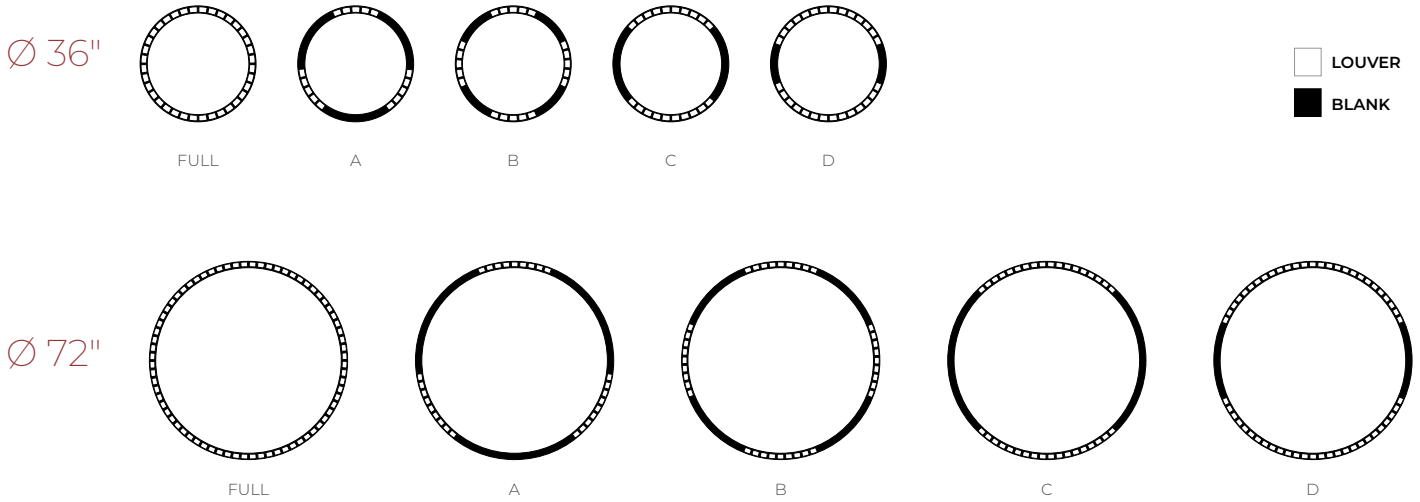
# CURVIA 2 PRISM

## RING

### PENDANT - RECESSED - SURFACE

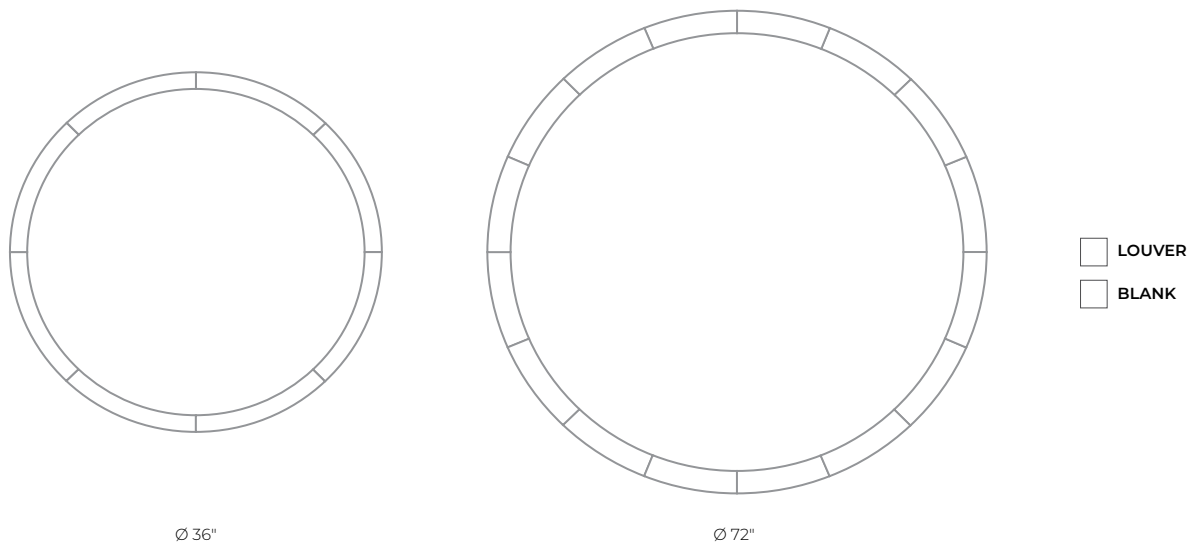


## Configurations



## Custom configuration

A drawing of your custom configuration is required - anything from a line drawing to an architectural drawing. You can also use the template below to sketch your layout. Louvers are 1" nominal. Specify the quantity of louvers and the angle at which to position them. The rest will be filled with blanks. Up to 7 louver sections are available for 36"; up to 15 for 72".



Diagrams are not to scale. For visualization purposes only.

# CURVIA 2 PRISM

## RING

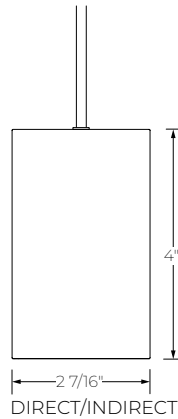
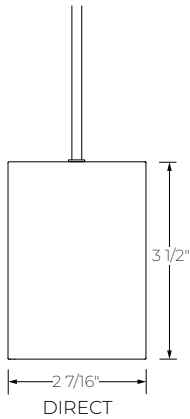
### PENDANT - RECESSED - SURFACE



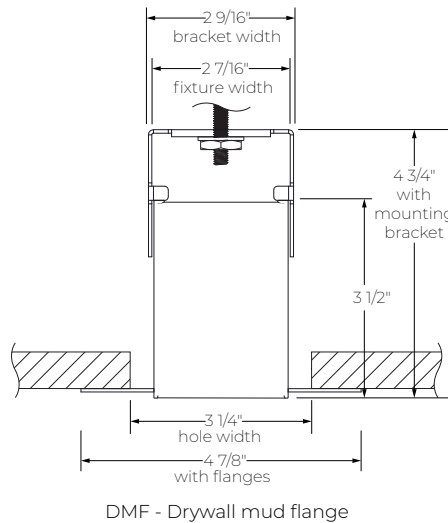
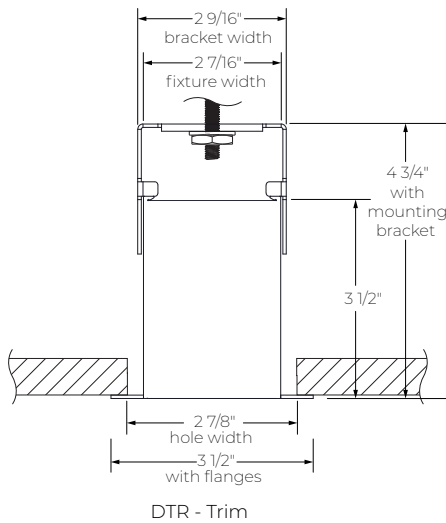
## Dimensions

### PENDANT

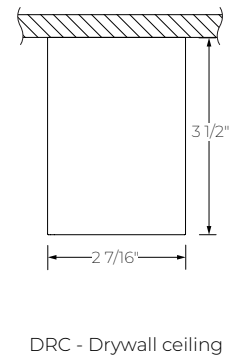
Nominal Diameter (IN)	Centerline Diameter (IN)
36	36
72	72



### RECESSED

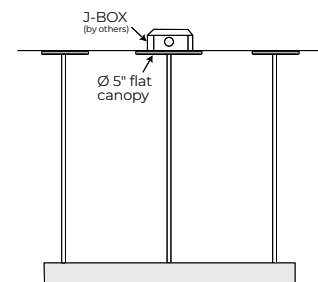
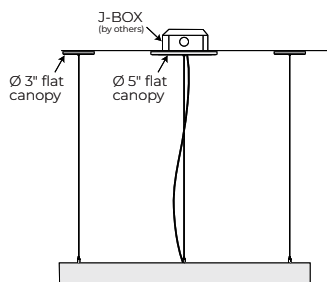
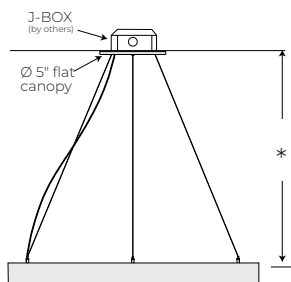


### SURFACE



## Mounting Options

### PENDANT



\*For single canopy option the minimum required mounting height is 22" for Ø 36" (distance from ceiling to top of fixture in inches).

# CURVIA 2 PRISM RING

## PENDANT - RECESSED - SURFACE

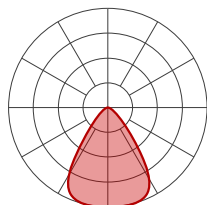


### Photometrics

Values calculated based on 4' straight segments at 3500K for all optics.

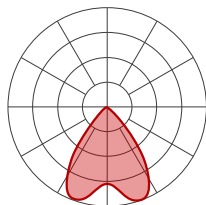
#### DIRECT OPTICS

MATTE SILVER  
DIAMOND PRISM OPTIC



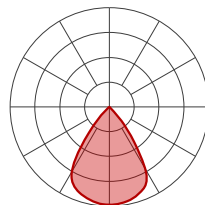
LM/FT	W/FT	LM/W
350	2.6	132
500	3.8	132
750	5.9	127
1000	8.2	122
1200	10	120

PRECISION SPECULAR  
DIAMOND PRISM OPTIC



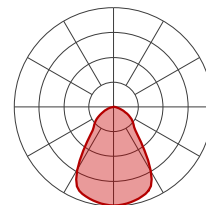
LM/FT	W/FT	LM/W
350	2.4	147
500	3.4	147
750	5.3	142
1000	7.3	137
1200	8.9	134

MATTE BLACK  
DIAMOND PRISM OPTIC



LM/FT	W/FT	LM/W
350	5.1	69
500	7.5	66
750	11.9	63

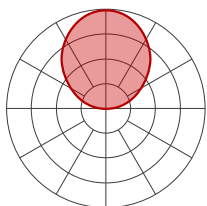
MATTE WHITE  
DIAMOND PRISM OPTIC



LM/FT	W/FT	LM/W
350	2.4	145
500	3.5	144
750	5.4	139
1000	7.4	135
1200	9.1	132

#### INDIRECT OPTIC

HLO



LM/FT	W/FT	LM/W
350	2.4	149
500	3.5	145
750	5.4	139

#### MULTIPLIER TABLES

Use these tables to get results for different color temperatures for all photometric tables.

SDPO, PDPO, BDPO, WDPO

CCT	WATTS		LPW	
	80+ CRI / 90+ CRI		80+ CRI / 90+ CRI	
2700K	1.04		0.96	
3000K	1.00		1.00	
3500K	1.00		1.00	
4000K	0.99		1.01	
5000K	0.94		1.06	

HLO

CCT	WATTS		LPW	
	80+ CRI / 90+ CRI		80+ CRI / 90+ CRI	
2700K	1.05		0.95	
3000K	1.02		0.98	
3500K	1.00		1.00	
4000K	1.00		1.00	
5000K	0.96		1.04	

#### DIRECT/INDIRECT - LPW CALCULATION

For Direct/Indirect performance values, follow the formula.

$$\frac{\left( \begin{array}{ccc} \text{DIRECT} & + & \text{INDIRECT} \\ \text{LM/FT} & & \text{LM/FT} \end{array} \right)}{\left( \begin{array}{ccc} \text{DIRECT} & + & \text{INDIRECT} \\ \text{W/FT} & & \text{W/FT} \end{array} \right)} = \text{LPW}$$

# CURVIA 2 PRISM RING

PENDANT - RECESSED - SURFACE



## Technical Specifications

### OPTICS

#### Diamond Prism Optic (DPO)

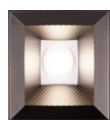
The Diamond Prism Optic™ (DPO™) is our patent-pending 3-tiered optic meticulously crafted to refract and reflect beams with great precision, effectively keeping glare to a minimum while delivering light of exceptional quality and visual comfort.



MATTE SILVER



PRECISION SPECULAR



MATTE BLACK



MATTE WHITE

#### UGR - Diamond Prism Optic

LM/FT	MATTE SILVER	PRECISION SPECULAR	MATTE BLACK	MATTE WHITE
350	9.7	1.2	1.2	14.9
500	10.9	2.4	2.4	16.1
750	12.3	3.8	3.8	17.8
1000	13.3	4.8	N/A	18.8
1200	13.9	5.4	N/A	19.2

#### High-Efficiency Lambertian Optic (HLO)

Lumenwerx's High-Efficiency Lambertian Optic is engineered with reflective sidewalls that distribute LED output across acrylic shielding. To negotiate the curves of Lumenwerx rounded fixtures, the HLO is equipped with proprietary SupremeGrip™ technology, which keeps the optic securely in place.

### LIGHT SOURCE

Custom array of mid-flux LEDs are cartridge-mounted with quick-connect wiring to facilitate service and thermal management. Available in 2700K, 3000K, 3500K, 4000K, and 5000K with a minimum 80+ CRI and an option for 90+ CRI with elevated R9 value. Color consistency maintained to within 3 SDCM. LEDs operate at reduced drive current to optimize efficacy and lumen maintenance. All LEDs have been tested in accordance with IESNA LM-80-08 and the results have shown L80 lumen maintenance greater than 60,000 hours. Absolute product photometry is measured and presented in accordance with IESNA LM-79, unless otherwise indicated.

### ELECTRICAL

Factory-set, adjustable output current LED driver with universal (120-277 VAC) input. Dimmable from 100% to 1% with 0-10V dimming control. Rated life (90% survivorship) of 50,000 hours at 50°C max. ambient (and 70°C max. case) temperature. At maximum driver load: Efficiency>84%, PF>0.9, THD<20%. Other specifiable options include Lutron Hi-Lume 1% Eco, eldoLED 1% ECOdrive 0-10V, eldoLED 0.1% SOLOdrive 0-10V, ELV, TRIAC, and DALI protocol drivers. All of our standard 0-10V drivers are NEMA 410 compliant. ELV and TRIAC dimming performance (including minimum dimming percentage) subject to dimmer selection.

### PoE

Depending on the PoE manufacturer selected, Lumenwerx will install the node in factory as either integral to the luminaire or as a remote module. Factory programming of the PoE node may or may not enable the following functionalities: lumen package, DUO (tunable white), QUADRO (RGBW), emergency battery backup, and sensor integration. These must be addressed and evaluated on a case-by-case basis.

### Battery

Factory installed long life, high temperature, maintenance-free Lithium-Ion battery pack with self-test functionality, test switch and charge indicator. Minimum of 90 minutes operation, up to 1000 lumens per 4' (25°C) emergency lighting output and recharge time of 24 hours.

### MOUNTING

**Pendant:** Pendant fixtures can be mounted either with aircraft cable or with stem.

**Recessed:** Recessed fixtures can be mounted in drywall ceilings with trim or mud flange options.

**Surface:** Surface fixtures can be mounted directly to drywall and hard surface ceilings, hardware supplied by others. A minimum of 6" from the vertical wall is required.

### FINISH

**Interior:** 95%, reflective matte powder coated white paint.

**Exterior:** Matte white, matte black or aluminum powder coating. Custom finishes are also available.

### CONSTRUCTION

**Housing:** Extruded aluminum and aluminum sheet, up to 90% recycled content

**Reflectors:** Aluminum

**HLO:** Acrylic

**Louvers:** Polycarbonate

**Hanger:** Chromed griplock securely attached in end caps and/or joiners with stainless steel hardware

**Aircraft cable suspension:** Ø 1/16" stainless steel aircraft cable

**Stem:** Ø 1/2" threaded steel tube

# CURVIA 2 PRISM

## RING

PENDANT - RECESSED - SURFACE



### WEIGHT

<b>Pendant Direct:</b>	2 lb/ft - 0.91 kg/ft
<b>Pendant Direct/Indirect:</b>	2.5 lb/ft - 1.13 kg/ft
<b>Recessed:</b>	2.5 lb/ft - 1.13 kg/ft
<b>Surface:</b>	2 lb/ft - 0.91 kg/ft

### CERTIFICATIONS

**ETL:** Rated for indoor dry/damp locations. Conforms to UL Standard 1598 and certified to CAN/CSA Standard C22.2 No. 250.0.

**IC rated:** Suitable for direct contact with insulation. For Recessed mounting only.

### WARRANTY

Lumenwerx provides a five-year limited warranty on electrical and mechanical performance of the luminaires, including the LED boards, drivers, and auxiliary electronics. Lumenwerx will repair or replace defective luminaires or components at our discretion, provided they have been installed and operated in accordance with our specifications. Other limitations apply, please refer to the full warranty on our website.