

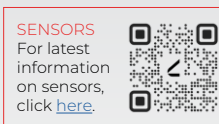
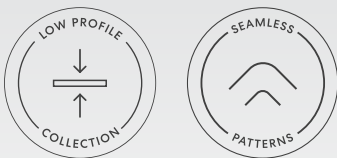
# CURVIA SLIM 1

## PATTERN

PENDANT - RECESSED - SURFACE - WALL



At just 1.25" tall and available in 1" and 2" widths, Curvia Slim delivers the full performance of Curvia in a sleeker profile. Offered with three standard radii, 90° corners, and two endcap options, it empowers designers to compose flowing arcs, rings, and bold patterns across recessed, surface, pendant, and wall-mounted applications. From subtle curves to full compositions of light, Curvia Slim adapts to a wide range of design expressions while maintaining a refined, low-profile form.



### 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	Ring Shapes Pattern	Ring Shapes Pattern	Pattern	Ring Shapes	Pattern	Pattern	Ring Shapes Pattern	Ring Shapes Pattern

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CURVIA-SLIM-1-PATTERN-SPEC-REVO September 29, 2025

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## PATTERN

### PENDANT - RECESSED - SURFACE - WALL



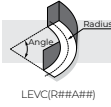

Project: \_\_\_\_\_

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

## Order Guide

A drawing of your pattern is required - anything from a line drawing to an architectural drawing.

LUMINAIRE ID	DISTRIBUTION	OPTIC	LIGHT SOURCE	CRI	LUMEN PACKAGE
	<b>D</b>	<b>HLO</b>	<b>SW</b>		
<b>CURVSLIMIPPAT</b> - Curvia Slim 1" Pendant Pattern <b>CURVSLIMIRPAT</b> - Curvia Slim 1" Recessed Pattern <b>CURVSLIMISPAT</b> - Curvia Slim 1" Surface Pattern <b>CURVSLIMIWPAT</b> - Curvia Slim 1" Wall Direct View Pattern	<b>D</b> - Direct	<b>HLO</b> - High-Efficiency Lambertian Optic	<b>SW</b> - Static white	<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

COLOR TEMP.	TOTAL PATTERN LENGTH	CORNER TYPE <sup>1,2</sup>
<b>27K</b> - 2700K <b>30K</b> - 3000K <b>35K</b> - 3500K <b>40K</b> - 4000K <b>50K</b> - 5000K	<b>#FT#IN</b> - Specify total pattern length (#) in 1' and/or 1" increments	<b>CURVED CORNER <sup>3</sup></b> <b>#LEVC(R##A##)</b> - Curved leveled corner  <b>RADIUS(R##):</b> <b>(R12)</b> - 12IN <b>(R18)</b> - 18IN <b>(R24)</b> - 24IN <b>ANGLE (A##):</b> <b>(A45)</b> - 45° <b>(A90)</b> - 90° <b>(A135)</b> - 135° <b>(A180)</b> - 180° <b>STRAIGHT CORNER <sup>4</sup></b> <b>#LEVS(A90)</b> - Straight leveled corner  <small> <sup>1</sup> See page 4 for details.  <sup>2</sup> If more than one option is specified, separate codes with a "+", e.g. 2LEVC(R12A45)+1LEVS(A90).  <sup>3</sup> Specify quantity (#), radius (R##) and angle (A##), e.g. 2LEVC(R12A45).  <sup>4</sup> Specify quantity (#), e.g. 2LEVS(A90). Corner angle is 90°.           </small>

VOLTAGE	DRIVER	ELECTRICAL	ELECTRICAL SECTIONS (optional) <sup>10,11</sup>
<b>120V</b> - 120V <b>277V</b> - 277V <b>UNV</b> - 120V-277V <b>347V <sup>5</sup></b> - 347V <small><sup>5</sup> Available with RD1 driver only.</small>	<b>REMOTE</b> <b>RD1</b> - 1% 0-10V <b>RELV <sup>6</sup></b> - ELV 120V <b>RTRI <sup>6</sup></b> - TRIAC 120V <b>RDA <sup>7</sup></b> - DALI <b>RLDEI <sup>7</sup></b> - Lutron Hi-Lume 1% Eco <b>RELD1</b> - eldoLED 1% ECOdrive 0-10V <b>RELD0</b> - eldoLED 0.1% SOLOdrive 0-10V <small> <sup>6</sup> Available with 120V only.  <sup>7</sup> On-site commissioning is required.           </small>	<b>1C</b> - 1 circuit <b>#MC <sup>8</sup></b> - Multi circuit <b>EC</b> - Emergency-powered fixture <b>NL</b> - Night light fixture <b>DL</b> - Daylight fixture <b>GTD <sup>9</sup></b> - Generator transfer device fixture <small> <sup>8</sup> Specify total number of circuits (#), including any required for electrical section options. Provide drawing or layout specifications.  <sup>9</sup> Not available with 347V.           </small>	<b>#EC## <sup>12</sup></b> - Emergency-powered section <b>#NL## <sup>12</sup></b> - Night light section <b>#DL## <sup>12</sup></b> - Daylight section <b>#GTD## <sup>12,13</sup></b> - Generator transfer device section <b>#EMB <sup>13,14,15</sup></b> - Emergency battery <b>NA</b> - None <small> <sup>10</sup> Specify with multi circuit (#MC) electrical option only.  <sup>11</sup> Provide drawing or layout specifications. Consult factory for other configurations. Default section length is 4'.  <sup>12</sup> Specify quantity (#), and section length in inches (##).  <sup>13</sup> Not available with 347V.  <sup>14</sup> Specify quantity (#). Each battery powers a 4' linear section. Minimum length of linear section is 5'.  <sup>15</sup> All batteries will be on the same circuit.           </small>

MOUNTING <sup>16</sup>	FINISH	END CAP Specify NA for Recessed	WIRE HARNESS LENGTH <sup>18</sup> Specify NA for Pendant	OPTION
<b>PENDANT <sup>17</sup></b> <b>ACS</b> - Aircraft cable, standard <b>POCS</b> - Power-over-aircraft cable, standard <b>ACC()</b> - Aircraft cable, custom <b>POCC()</b> - Power-over-aircraft cable, custom <small> <sup>16</sup> The mounting options selected must reflect the luminaire ID.  <sup>17</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.           </small>	<b>RECESSED</b> <b>DTR</b> - Trim <b>DMF</b> - Drywall mud flange <b>SURFACE</b> <b>DRC</b> - Drywall ceiling <b>WALL DIRECT VIEW</b> <b>DRM</b> - Drywall mounting	<b>W</b> - Matte white <b>B</b> - Matte black <b>AL</b> - Aluminum <b>CF#</b> - Custom finish, specify RAL#	<b>FL</b> - Flat <b>NA</b> - Not applicable <b>10FT</b> - 10' <b>20FT</b> - 20' <b>30FT</b> - 30' <b>50FT</b> - 50' <b>70FT</b> - 70' <b>90FT</b> - 90' <b>NA</b> - Not applicable <small><sup>18</sup> Low-voltage, plenum-rated wire harness for remote driver.</small>	<b>FU120</b> - Fuse 120V <b>FU277</b> - Fuse 277V <b>NA</b> - None

# CURVIA SLIM 1

## PATTERN

PENDANT - RECESSED - SURFACE - WALL



## Pendant Mounting Code

### Aircraft Cable

#### 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 <small><sup>1</sup>Maximum length is 288". For longer lengths, please consult factory.</small>	<b>W</b> - Matte white <b>B</b> - Matte black <b>AL</b> - Aluminum <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 <small><sup>2</sup>Not available with the Ø 3" non-power canopy size.</small>

### Power-over-aircraft Cable

#### Standard

##### POCS - Power-over-aircraft cable, 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
- Power-over-aircraft cable length is 36"

#### Custom

Example: POCC(5NPC-72IN-W-NA)

##### POCC( ) - Power-over-aircraft cable, custom

NON-POWER CANOPY SIZE	AIRCRAFT CABLE LENGTH	CANOPY FINISH	OPTION
<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 <small><sup>1</sup>Maximum length is 288". For longer lengths, please consult factory.</small>	<b>W</b> - Matte white <b>B</b> - Matte black <b>AL</b> - Aluminum <b>CF#</b> - Custom finish, specify RAL#	<b>SEM</b> - Seismic mounting <b>SLC</b> - Sloped ceiling for aircraft cable <b>NA</b> - None

# CURVIA SLIM 1

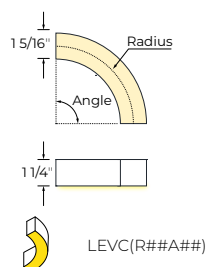
## PATTERN

### PENDANT - RECESSED - SURFACE - WALL



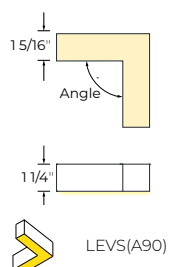
## Corner Types

### CURVED CORNER



RADIUS	ANGLE
12"	45°
18"	90°
24"	135°
	180°

### STRAIGHT CORNER



# CURVIA SLIM 1

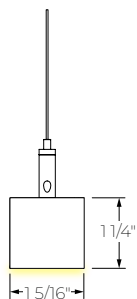
## PATTERN

### PENDANT - RECESSED - SURFACE - WALL

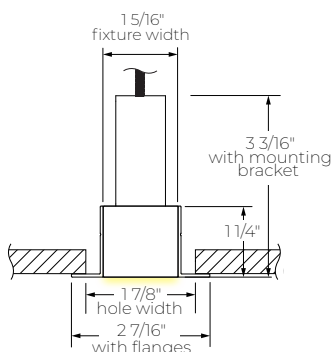


## Dimensions

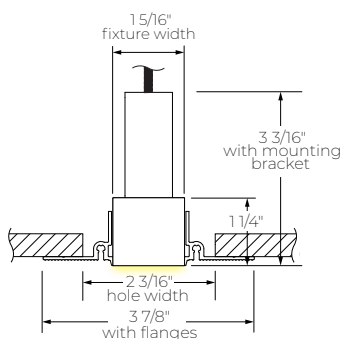
### PENDANT



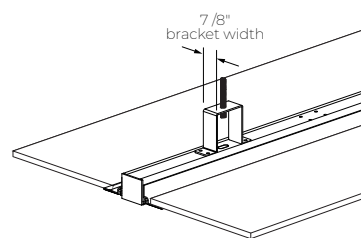
### RECESSED



DTR - Trim

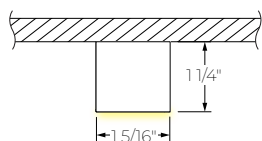


DMF - Drywall mud flange



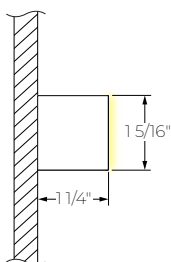
Bracket shown with DMF

### SURFACE



DRC - Drywall ceiling

### WALL



DRM - Drywall mounting

# CURVIA SLIM 1

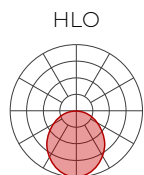
## PATTERN

PENDANT - RECESSED - SURFACE - WALL



### Photometrics

Values calculated based on 3500K.



LM/FT	W/FT	LM/W
350	3.4	103
500	4.8	104
750	7.1	106

### MULTIPLIER TABLE

Use this table to get results for different color temperatures.

CCT	WATTS	LPW
	80+ CRI / 90+ CRI	80+ CRI / 90+ CRI
2700K	1.02	0.98
3000K	1.00	1.00
3500K	1.00	1.00
4000K	0.97	1.03
5000K	0.97	1.03

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## Technical Specifications

### OPTIC

#### 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.

**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.

**Wall direct view:** Wall fixtures can be horizontally mounted to the wall. A minimum of 6" from adjacent walls 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

**Lens:** Acrylic

**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

### WEIGHT

**Pendant:** 0.57 lb/ft - 0.26 kg/ft

**Recessed:** 0.93 lb/ft - 0.42 kg/ft

**Surface:** 0.57 lb/ft - 0.26 kg/ft

**Wall:** 0.57 lb/ft - 0.26 kg/ft

### CERTIFICATION

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

### 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.