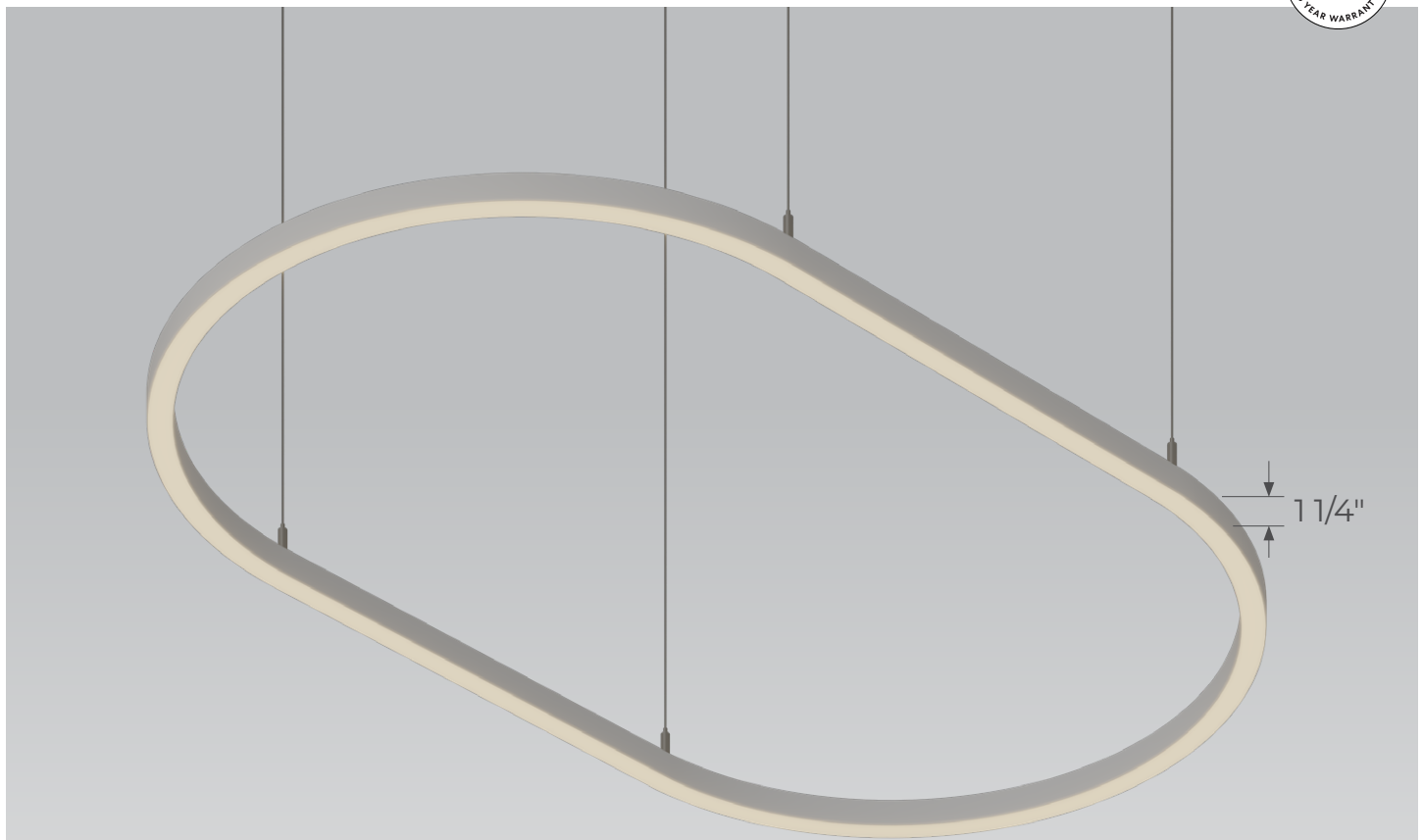


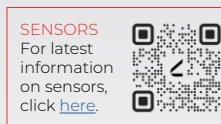
CURVIA SLIM 1

SHAPES

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 Slim 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	Ring 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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www.lumenwerx.com



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CURVIA-SLIM-1-SHAPES-SPEC-REV0 September 29, 2025

CURVIA SLIM 1

SHAPES

PENDANT - RECESSED - SURFACE - WALL



Project: _____

Type: _____

Order Guide

LUMINAIRE ID	DISTRIBUTION	SIZE ¹	CORNER RADIUS ⁴ Specify NA for Capsule	OPTIC
	D			HLO
SQUARE CURVSLIMISQP - Curvia Slim 1" Square Pendant CURVSLIMISQR - Curvia Slim 1" Square Recessed CURVSLIMISQS - Curvia Slim 1" Square Surface CURVSLIMISQW - Curvia Slim 1" Square Wall Direct View RECTANGLE CURVSLIMIREP - Curvia Slim 1" Rectangle Pendant CURVSLIMIRER - Curvia Slim 1" Rectangle Recessed CURVSLIMIRES - Curvia Slim 1" Rectangle Surface CURVSLIMIREW - Curvia Slim 1" Rectangle Wall Direct View CAPSULE CURVSLIMICAP - Curvia Slim 1" Capsule Pendant CURVSLIMICAR - Curvia Slim 1" Capsule Recessed CURVSLIMICAS - Curvia Slim 1" Capsule Surface CURVSLIMICAW - Curvia Slim 1" Capsule Wall Direct View	D - Direct	#FT#INX#FT#IN ^{2,3} - Nominal length X nominal width ¹ The real dimension of the fixture can differ up to 4" from the nominal size. ² Specify nominal length (#) and width (#) in 1" and/or 1" increments. ³ Minimum size: Square 4' x 4', Rectangle 4' x 6', and Capsule 3' x 4'.	R12 - 12" radius R18 - 18" radius R24 - 24" radius NA ⁵ - Not applicable ⁴ Radii are referenced to fixture centerline. ⁵ For Capsule, radius is defined by the size.	HLO - High-Efficiency Lambertian Optic

LIGHT SOURCE	CRI	LUMEN PACKAGE ⁶	COLOR TEMPERATURE	VOLTAGE
SW				
SW - Static white	80CRI - 80+ CRI 90CRI - 90+ CRI	350LMF - Eco low output 350 lm/ft 500LMF - Low output 500 lm/ft 750LMF - Medium output 750 lm/ft ⁶ To calculate the total lumens, multiply the lumen package (lm/ft) by the length of the shape (ft).	27K - 2700K 30K - 3000K 35K - 3500K 40K - 4000K 50K - 5000K	120V - 120V 277V - 277V UNV - 120V-277V 347V ⁷ - 347V ⁷ Available with RD1 driver only.

DRIVER	ELECTRICAL	ELECTRICAL SECTIONS (optional) ^{12,13}
REMOTE RD1 - 1% 0-10V RELV ⁸ - ELV 120V RTRI ⁸ - TRIAC 120V RDA ⁹ - DALI RLDE1 ⁹ - Lutron Hi-Lume 1% Eco RELD1 - eldoLED 1% ECOdrive 0-10V RELD0 - eldoLED 0.1% SOLOdrive 0-10V ⁸ Available with 120V only. ⁹ On-site commissioning is required.	1C - 1 circuit #MC ¹⁰ - Multi circuit EC - Emergency-powered fixture NL - Night light fixture DL - Daylight fixture GTD ¹¹ - Generator transfer device fixture ¹⁰ Specify total number of circuits (#), including any required for electrical section options. Provide drawing or layout specifications. ¹¹ Not available with 347V.	#EC## ¹⁴ - Emergency-powered section #NL## ¹⁴ - Night light section #DL## ¹⁴ - Daylight section #GTD## ^{14,15} - Generator transfer device section #EMB ^{15,16,17} - Emergency battery NA - None ¹² Specify with multi circuit (#MC) electrical option only. ¹³ Provide drawing or layout specifications. Consult factory for other configurations. Default section length is 4'. ¹⁴ Specify quantity (#), and section length in inches (##). ¹⁵ Not available with 347V. ¹⁶ Specify quantity (#). Each battery powers a 4' linear section. Minimum length of linear section is 5'. ¹⁷ All batteries will be on the same circuit.

MOUNTING ¹⁸	FINISH	WIRE HARNESS LENGTH ²⁰ Specify NA for Pendant	OPTION
PENDANT ¹⁹ ACS - Aircraft cable, standard POCS - Power-over-aircraft cable, standard ACC() - Aircraft cable, custom POCC() - Power-over-aircraft cable, custom ¹⁸ The mounting options selected must reflect the luminaire ID. ¹⁹ Standard canopies are black for black fixtures, and white for all other finishes. See page 3 for full details on standard and custom options.	RECESSED DTR - Trim DMF - Drywall mud flange SURFACE DRC - Drywall ceiling WALL DIRECT VIEW DRM - Drywall mounting	W - Matte white B - Matte black AL - Aluminum CF# - Custom finish, specify RAL# 10FT - 10' 20FT - 20' 30FT - 30' 50FT - 50' 70FT - 70' 90FT - 90' NA - Not applicable ²⁰ Low-voltage, plenum-rated wire harness for remote driver.	FU120 - Fuse 120V FU277 - Fuse 277V NA - None

CURVIA SLIM 1

SHAPES

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
3NPC - Ø 3" non-power canopy 5NPC - Ø 5" non-power canopy	36IN - 36" 72IN - 72" 120IN - 120" #IN ¹ - Other lengths, specify in inches <small>¹Maximum length is 288". For longer lengths, please consult factory.</small>	W - Matte white B - Matte black AL - Aluminum CF# - Custom finish, specify RAL#	PCW - White PCB - Black	SEM ² - Seismic mounting SLC ² - Sloped ceiling for aircraft cable NA - None <small>²Not 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
5NPC - Ø 5" non-power canopy	36IN - 36" 72IN - 72" 120IN - 120" #IN ¹ - Other lengths, specify in inches <small>¹Maximum length is 288". For longer lengths, please consult factory.</small>	W - Matte white B - Matte black AL - Aluminum CF# - Custom finish, specify RAL#	SEM - Seismic mounting SLC - Sloped ceiling for aircraft cable NA - None

CURVIA SLIM 1

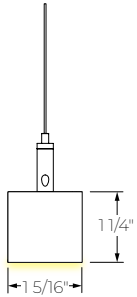
SHAPES

PENDANT - RECESSED - SURFACE - WALL

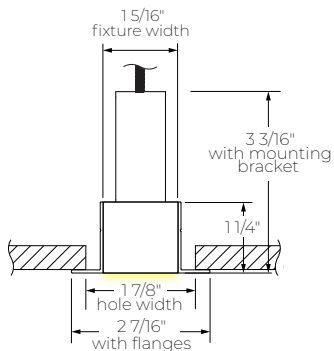


Dimensions

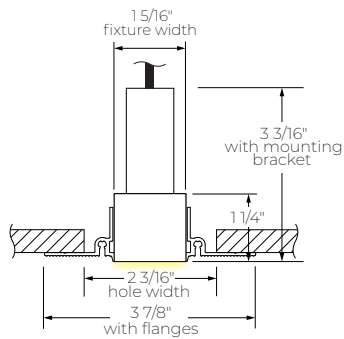
PENDANT



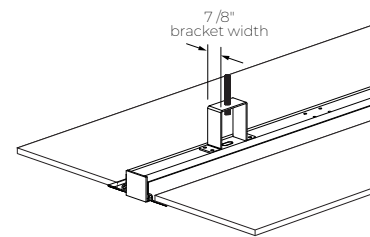
RECESSED



DTR - Trim

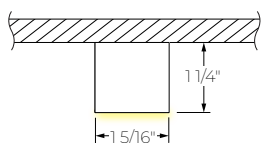


DMF - Drywall mud flange



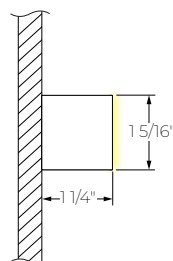
Bracket shown with DMF

SURFACE



DRC - Drywall ceiling

WALL



DRM - Drywall mounting

CURVIA SLIM 1

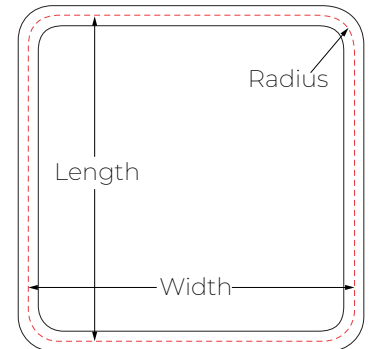
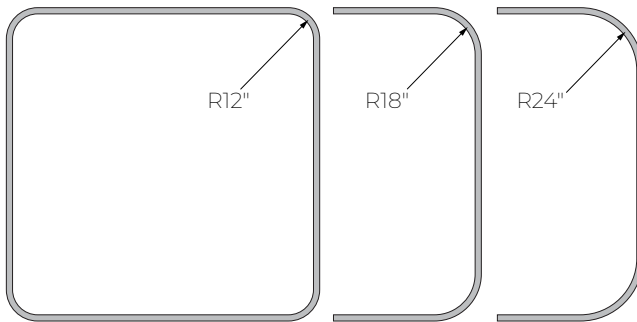
SHAPES

PENDANT - RECESSED - SURFACE - WALL



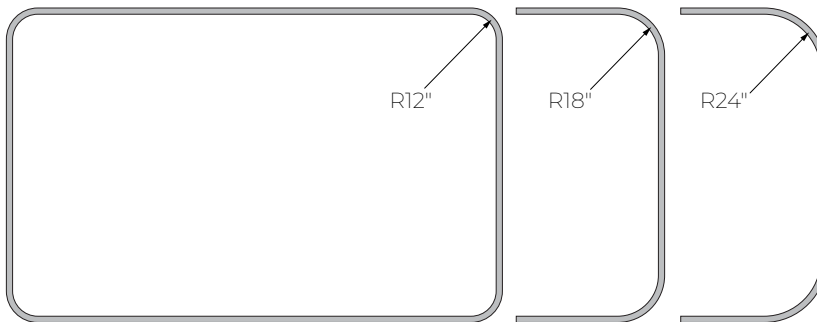
Shapes

SQUARE SHAPE
RADIUS: 12", 18", 24".

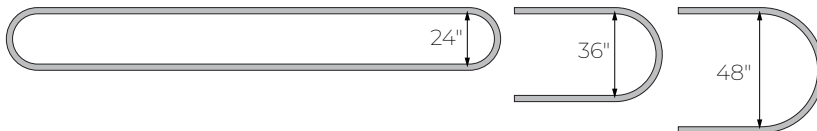


Note: The length, width and radius are measured from the center of the fixture.

RECTANGLE SHAPE
RADIUS: 12", 18", 24".



CAPSULE SHAPE
WIDTH: 24", 36", 48".



Configuration diagrams are not to scale. For visualization purposes only.

CURVIA SLIM 1

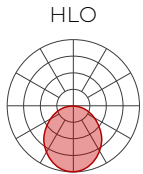
SHAPES

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

CURVIA SLIM 1

SHAPES

PENDANT - RECESSED - SURFACE - WALL



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 power-over-aircraft cable.

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