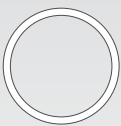
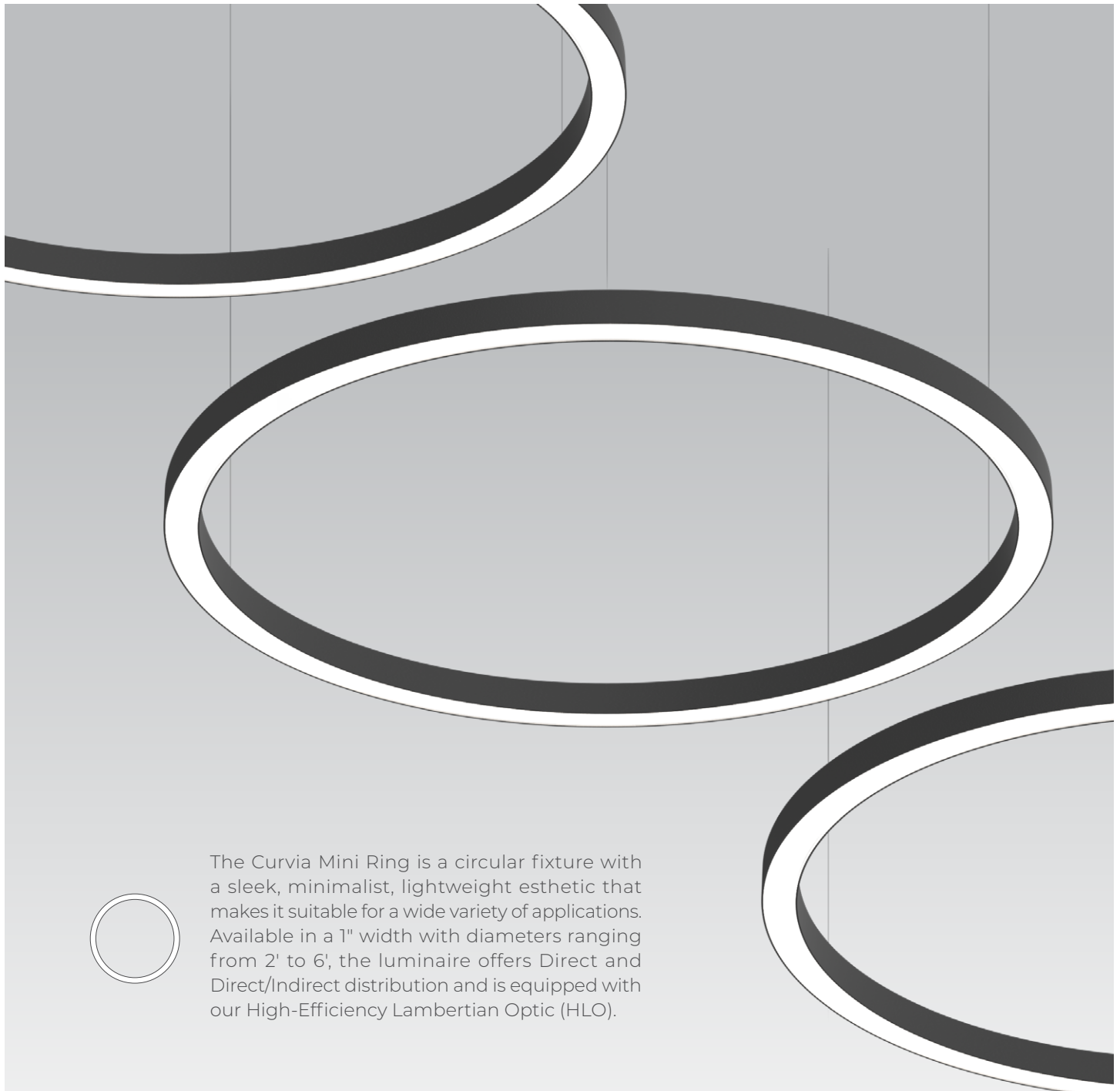


CURVIA MINI

RING

PENDANT - SURFACE - RECESSED

LUMENWERX



The Curvia Mini Ring is a circular fixture with a sleek, minimalist, lightweight esthetic that makes it suitable for a wide variety of applications. Available in a 1" width with diameters ranging from 2' to 6', the luminaire offers Direct and Direct/Indirect distribution and is equipped with our High-Efficiency Lambertian Optic (HLO).

Curvia Family (Refer to other spec sheets)

Curvia Mini



Ring
1"

Curvia 2 Prism



Ring
2"



Shapes
Square / Rectangle / Capsule
2"



Pattern
2"

Curvia 2, 3, 4



Ring
2" / 3" / 4"



Shapes
Square / Rectangle / Capsule
2" / 3" / 4"



Pattern
2" / 3" / 4"

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



CURVIA MINI

RING

PENDANT - SURFACE - RECESSED

LUMENWERX



Project: _____

Type: _____

Order Guide

LUMINAIRE ID	DISTRIBUTION	SIZE	DIRECT OPTIC	INDIRECT OPTIC Specify NA for Direct fixture	LIGHT SOURCE ²	CRI
			HLO		SW	90CRI
CURVMRIP - Curvia Mini Ring Pendant CURVMRIS - Curvia Mini Ring Surface CURVMRIR - Curvia Mini Ring Recessed	DI ¹ - Direct/Indirect D - Direct ¹ Available for Pendant mounting only.	2FT - Ø 2ft 3FT - Ø 3ft 4FT - Ø 4ft 5FT - Ø 5ft 6FT - Ø 6ft	HLO - High-Efficiency Lambertian Optic	HLO - High-Efficiency Lambertian Optic NA - Not applicable	SW - Static white ² Chromawerx Sola, Duo and Quadro also available. Consult factory.	90CRI - 90 CRI

DIRECT LUMEN PACKAGE	INDIRECT LUMEN PACKAGE Specify NA for Direct fixture	COLOR TEMP.	VOLTAGE ³	DRIVER ⁴	ELECTRICAL ⁸
350LMF - Eco low output 350 lm/ft 500LMF - Low output 500 lm/ft 750LMF - Medium output 750 lm/ft	350LMF - Eco low output 350 lm/ft 500LMF - Low output 500 lm/ft 750LMF - Medium output 750 lm/ft NA - Not applicable	27K - 2700K 30K - 3000K 35K - 3500K 40K - 4000K	120V - 120V 277V - 277V UNV - 120V-277V 347V ³ - 347V ³ Only available with RD1 driver.	<u>REMOTE</u> RD1 - 1% 0-10V RDA ⁵ - DALI RLTEA2W ⁶ - Lutron 1% - 2 wire FP120V RLDE1 ⁵ - Lutron Hi-Lume 1% Eco RELD1 - eldoLED 1% ECOdrive 0-10V RELD0 - eldoLED 0.1% SOLOdrive 0-10V +EB ⁷ - Emergency battery ⁴ PoE (Power-over-Ethernet) compatible. Consult factory for details. ⁵ On-site commissioning is required. ⁶ Available with 120V only. ⁷ For emergency battery, code will be like the following example: RD1 + EB.	1C - 1 circuit 2C ⁹ - 2 circuits ⁸ For other circuit configurations consult factory. ⁹ Available for Direct/Indirect only. Separate direct and indirect circuits.

MOUNTING	FINISH

PENDANT				SURFACE	RECESSED	
POWER	CANOPY FINISH	MOUNTING POINTS	MOUNTING LENGTH ¹⁴			
POC ¹⁰ - Integrated suspension power-over-aircraft cable BAC - Black power cord + aircraft cable WAC - White power cord + aircraft cable ¹⁰ Certain restrictions apply. See page 3 for more details.	W - Matte white AL - Aluminum B - Matte black CF - Custom finish, specify RAL#	SC ^{11, 12} - Single canopy MC ¹³ - Multiple canopies ¹¹ Available up to Ø 3ft. ¹² Certain restrictions apply. See page 3 for more details. ¹³ 3 Canopies for all sizes when power cord is specified. Number of canopies will vary with POC, consult factory.	18IN - 18" 24IN - 24" 36IN - 36" 48IN - 48" 60IN - 60" ¹⁴ For single canopy option the minimum required mounting heights are (distance from ceiling to top of fixture in inches): Ø 2Ft - min 15" Ø 3ft - min. 22".	DRC - Drywall ceiling	DTR - Drywall trim DMF - Drywall mud flange	W - Matte white AL - Aluminum B - Matte black CF# - Custom finish, specify RAL#

CURVIA MINI

RING

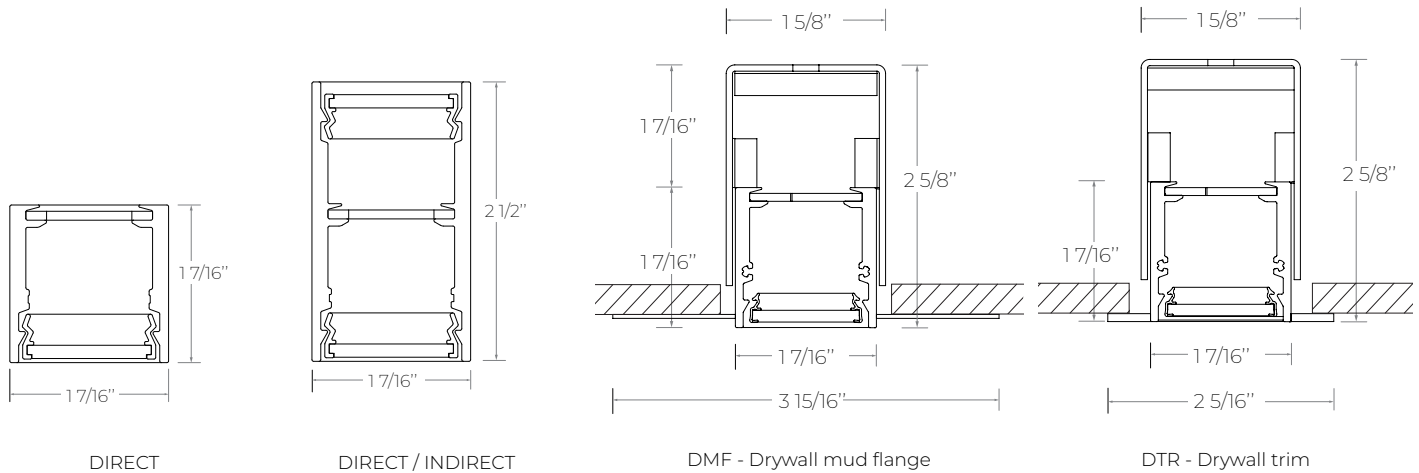
PENDANT - SURFACE - RECESSED

LUMENWERX

Section View

PENDANT, SURFACE

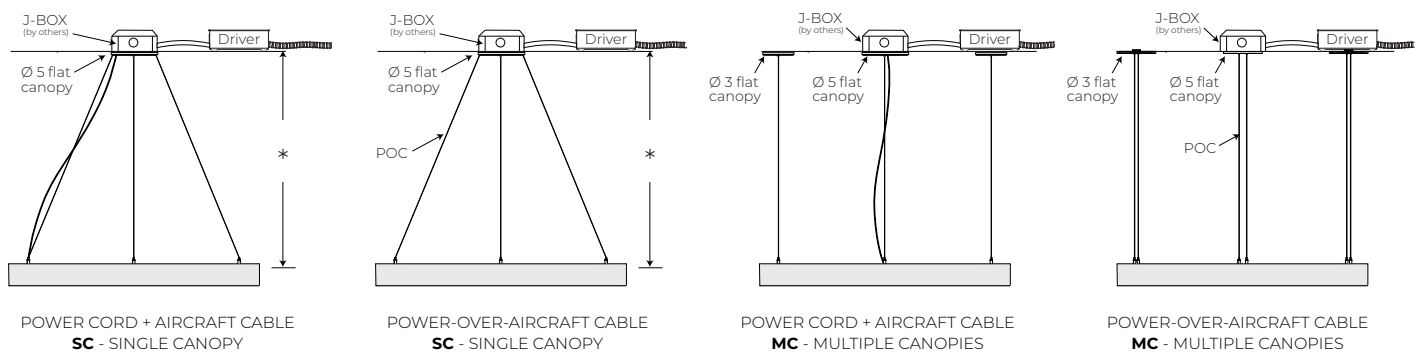
RECESSED



Mounting Options

PENDANT

REMOTE DRIVER



DIRECT

Available with all configurations except for a $\varnothing 6$ fixture at 750 lm/ft.

DIRECT/INDIRECT

Available only with the following configurations:

- $\varnothing 2$
- $\varnothing 3$ at 350 lm/ft - 350 lm/ft
- $\varnothing 3$ at 500 lm/ft - 350 lm/ft
- $\varnothing 3$ at 350 lm/ft - 500 lm/ft
- $\varnothing 3$ at 500 lm/ft - 500 lm/ft
- $\varnothing 4$ at 350 lm/ft - 350 lm/ft

* For single canopy option, the minimum required mounting heights:
 $\varnothing 2$ ft : min 15" | $\varnothing 3$ ft : min 22".

CURVIA MINI

RING

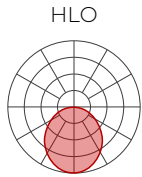
PENDANT - SURFACE - RECESSED

LUMENWERX

Photometrics

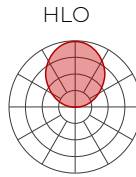
Values calculated based on Curvia Mini Ring ø2 ft at 35K and 90 CRI for all optics.

DIRECT OPTICS



LM/FT	W/FT	LPW
350	4.6	75
500	6.9	72
750	11	68

INDIRECT OPTICS



LM/FT	W/FT	LPW
350	4.5	75
500	6.9	72
750	11	68

MULTIPLIER TABLES

Use these tables to get results for different color temperatures and CRI for all Direct and Indirect photometric tables.

Multiplier - CCT/CRI

CCT (K)	Watts CRI90	LPW CRI90
2700	1.26	0.79
3000	1.23	0.81
3500	1.20	0.84
4000	1.17	0.85

DIRECT/INDIRECT - LPW CALCULATION

For Direct/Indirect performance values, follow the formula.

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

CURVIA MINI

RING

PENDANT - SURFACE - RECESSED

LUMENWERX

Technical Specifications

OPTICS

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 and 4000K 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 (120-277VAC) 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% (specify 2-wire, or Ecosystem Dim-to-Off), eldoLED 1% ECOdrive 0-10V, eldoLED 0.1% SOLOdrive 0-10V, and DALI protocol drivers. All of our standard 0-10V drivers are NEMA 410 compliant.

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, 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 OPTION

Pendant

Pendant fixtures can be mounted with aircraft cable.

Surface

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

Recessed

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

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 and polycarbonate

Hanger - Chromed griplock securely attached with spring steel hardware in end caps and/or joiners

Aircraft cable suspension - 7x7 braids aluminum aircraft cable 0.06" thick

WEIGHT

Direct/Indirect	Direct
Ø 2ft - 5.9 lb (2.7 kg)	Ø 2ft - 4.9 lb (2.2 kg)
Ø 3ft - 8.9 lb (4 kg)	Ø 3ft - 7.3 lb (3.3 kg)
Ø 4ft - 11.8 lb (5.4 kg)	Ø 4ft - 9.7 lb (4.4 kg)
Ø 5ft - 14.8 lb (6.7 kg)	Ø 5ft - 12.1 lb (5.5 kg)
Ø 6ft - 17.8 lb (8 kg)	Ø 6ft - 14.6 lb (6.6 kg)

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.