

# ORY 1x1

PENDANT INDIRECT



**LUMENWERX**  
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## WITH INDIRECT WIDESPREAD



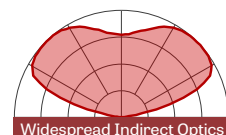
PROJECT: \_\_\_\_\_

TYPE: \_\_\_\_\_

NOTES: \_\_\_\_\_

### DESCRIPTION

**Ory** offers widespread, energy efficient lighting from a luminaire just 1" high x 2.5" wide. A remote driver, accessible through the suspension canopy, provides power. Utilizing the Lumenwerx Widespread Indirect Optic (WIO2), Ory delivers peak intensity at 110° while suppressing direct uplight. This produces noticeably smoother ceiling brightness than a typical lambertian uplight distribution, permitting generally wider spacing as well. Ory is available as an indirect pendant, an indirect asymmetric wall luminaire (ADA compliant), and pendant patterns.



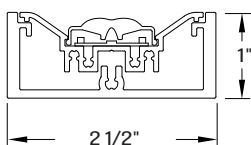
### ORDER GUIDE

up to 145 lm/W performance

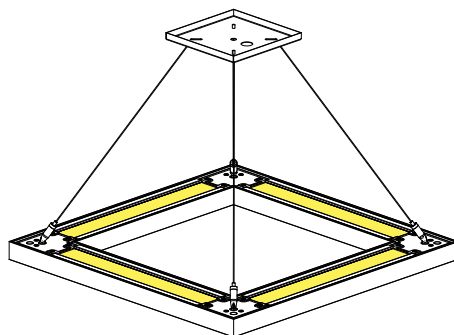
ORYIPAT	11	WIO2	SW			
LUMINAIRE ID	SIZE	INDIRECT OPTICS	LIGHT SOURCE	CRI	INDIRECT LUMEN PACKAGES	COLOR TEMP.
ORYIPAT - Ory Pendant Indirect Pattern	11 - 1'x1'	WIO2 - Widespread Indirect Optic	SW - Static white	80 - 80 CRI 90 - 90 CRI	1400 - Ultra low output 1400lm 2000 - Low output 2000lm 3000 - Medium output 3000lm 4000 - High output 4000lm #### - other required lm	27 - 2700K 30 - 3000K 35 - 3500K 40 - 4000K

		RDB	1	5SAC36	
VOLTAGE	DRIVER	REMOTE DRIVER BOX	ELECTRICAL	MOUNTING	FINISH
120 - 120V 277 - 277V UNV - 120V-277V 347 <sup>1</sup> - 347V	D1 - 1% dimming 0-10V DA <sup>2</sup> - DALI LTEA2W - Lutron 1% - 2 wire FP 120V LDE1 <sup>2</sup> - Lutron Hi-lume 1% Eco	RDB - Remote Driver Box	1 - 1 circuit	5SAC36 - 5" square canopy (36" aircraft cable) <a href="#">For all other options refer to our Pendant Mounting Guide</a>	W - Matte white B - Matte black CF# - Custom finish, specify RAL#
<sup>1</sup> Available with D1 only.	<sup>2</sup> On-site commissioning is required.				

### CROSS SECTION



### 3D VIEW



ORYIPAT - Aircraft cable

ORYIPAT - 1'x1'

ORY11-PENDANT-INDIRECT-SPEC-REV1

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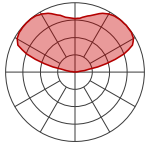
## WITH INDIRECT WIDESPREAD

## PERFORMANCE

## INDIRECT OPTICS

Delivered lumens at 35K at 80 CRI.

WIO2



LM/FT	TOTAL LM	INPUT WATTS	LPW
350	1400	9.7	145
500	2000	14.2	141
750	3000	22.1	136
1000	4000	30.8	130

## MULTIPLIER TABLES

Use these tables to get results for different color temperatures and CRI.

## Multiplier - CCT/CRI

CCT (K)	Watts		LPW	
	CRI80	CRI90	CRI80	CRI90
2700	1.05	1.26	0.95	0.79
3000	1.01	1.23	0.99	0.81
3500	1.00	1.20	1.00	0.84
4000	1.00	1.17	1.00	0.85

## INDIRECT OPTICS

## Widespread Indirect Optics (WIO2)

The Widespread Indirect Optic (WIO2) is a horizontal LED array with a widespread indirect micro prismatic optic that offers an impressive 160° spread. WIO2 creates an even illumination for smooth brightness on the ceiling that can achieve uniformity ratios of up to 2:1.

## LIGHT SOURCE - LED

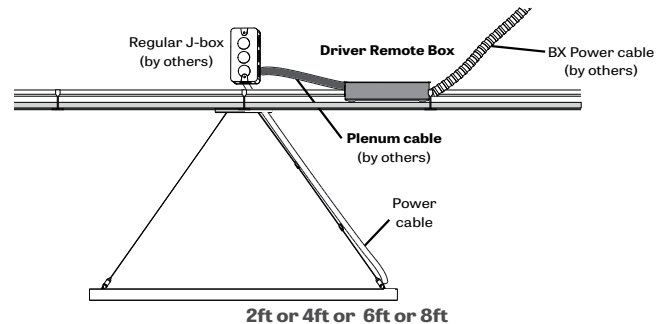
Custom linear array of mid-flux LEDs are cartridge-mounted with thermal management. Available in 2700K, 3000K, 3500K and 4000K with a minimum 80 CRI and an option for 90 CRI with elevated R9 value. Color consistency maintained to within 3 SDCM. LEDs operated at reduced drive current to optimize efficacy 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 REMOTE

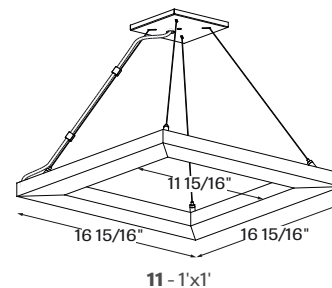
Remote-mounted driver is accessible through ceiling canopy and is provided with factory enclosure. Driver features factory-set adjustable output current with universal (120-277VAC) input. Dimmable from 100% to 1% with 0-10V dimming control. Rated life (90% survivorship) of 50,000 hours at 50°C max. ambient (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), and DALI protocol drivers. All of our standard 0-10V drivers are NEMA 410 compliant.

## RDB - REMOTE DRIVER BOX



## LUMINAIRE SIZE

Ory patterns is offered in 5 standard sizes.



## MOUNTING OPTIONS

Ory pattern mounts from a 5" square canopy using four aircraft cables. Canopy installation determines luminaire alignment.

[For all other options, see our website for a detailed Pendant Mounting Guide](#)

## FINISH

**Interior** - 95%, reflective matte powder coated white paint

**Exterior** - matte white or black powder coating.

Custom finishes are also available.

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#### CONSTRUCTION

**Housing** - Extruded aluminum (0.095" nominal) up to 90% recycled content

**Interior brackets** - Die formed cold rolled sheet steel 16 gauge thick

**Joining system** - Die cast zinc (0.95" nominal)

**Reflectors** - Extruded aluminum (0.075" nominal) up to 95% reflective matte

**Light guide** - Clear PMMA laminated with microstructure film formed into optical TIR/extraction form

**End caps** - Die cast aluminum (0.95" nominal)

**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

**Ory 1x1** - 6.79lbs - 3.08kg

#### CERTIFICATIONS

**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 of 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.