

ORY

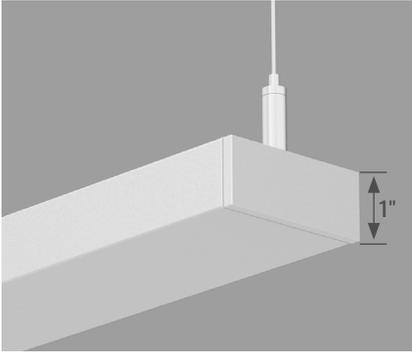
PENDANT INDIRECT



LUMENWERX

WWW.LUMENWERX.COM

WITH INDIRECT WIDESPREAD



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.

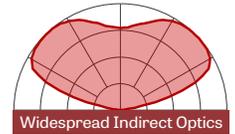
Utilizing the Lumenwerx Widespread Indirect Optic (WIO2), Ory delivers peak intensity at 110° while suppressing direct uplight. This produces noticeably smoother ceiling brightness than a typical lambertian uplight distribution, permitting generally wider spacing as well.

Ory is available as an indirect pendant, an indirect asymmetric wall luminaire (ADA compliant), and pendant patterns.

PROJECT: _____

TYPE: _____

NOTES: _____



up to 145 lm/W performance

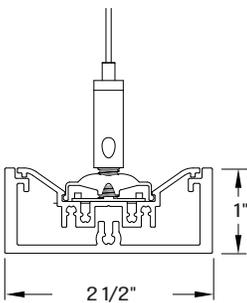
ORDER GUIDE

ORYPI	WIO2	SW				
LUMINAIRE ID	INDIRECT OPTICS	LIGHT SOURCE	CRI	INDIRECT LUMEN PACKAGES	COLOR TEMP.	LUMINAIRE LENGTH
ORYPI - Ory Pendant Indirect	WIO2 - Widespread Indirect Optic	SW - Static white	80 - 80CRI 90 - 90CRI	350 - Ultra low output 350lm/ft 500 - Low output 500lm/ft 750 - Medium output 750lm/ft 1000 - High output 1000lm/ft #### - other required lm/ft	27 - 2700K 30 - 3000K 35 - 3500K 40 - 4000K	Standard sections - 2', 4', 6' & 8' #FT - nominal length in feet Continuous Run - for luminaires over 8' Minimum Individual section 2'

VOLTAGE	DRIVER	RDB	ELECTRICAL	MOUNTING
120 - 120V 277 - 277V UNV - 120V-277V 347 ¹ - 347V	D1 - 1% dimming 0-10V DA ² - DALI LTEA2W - Lutron 1% - 2 wire FP 120V LDE1 ² - Lutron Hi-lume 1% Eco	RDB - Remote Driver Box	1 - 1 circuit EM - Emergency light circuit NL - Night light circuit	53WAC36 53WAC36 - power 5" + non power 3" white canopy (36" aircraft cable) For all other options refer to our Pendant Mounting Guide
¹ Available with D1 only.	² On-site commissioning is required.			

FINISH	OPTIONS
W - Matte white B - Matte black CF# - Custom finish, specify RAL#	TB# - T-bar caddy clip specify grid size TG# - Tegular caddy clip specify grid size ST - Screw Slots caddy clip

CROSS SECTION



ORYPI - Aircraft cable



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PERFORMANCE

INDIRECT OPTICS

Delivered lumens at 35K at 80 CRI.



LM/FT	TOTAL LM/4FT	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 Optic (WIO2)

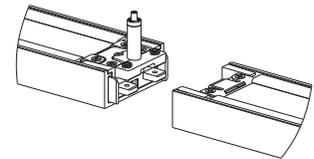
The Widespread Indirect Optic (WIO2) is a horizontal LED array with a widespread indirect micro prismatic optic that offers an impressive 160° spread. WIO2 creates an even illumination for smooth brightness on the ceiling that can achieve uniformity ratios of up to 2:1.

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.

LUMINAIRE LENGTH

Ory is made up of standard 2, 4, 6 and 8 foot sections that may be joined together to create longer continuous run lengths. Exact run length must be noted in the product code. The minimum individual section available is 2 foot. All individual sections are joined together onsite using the joiner kits provided. Lumenwerx offers joiner kits that are extremely simple to work with in the field and result in a fixture that appears virtually seamless with no light leak at any connection.

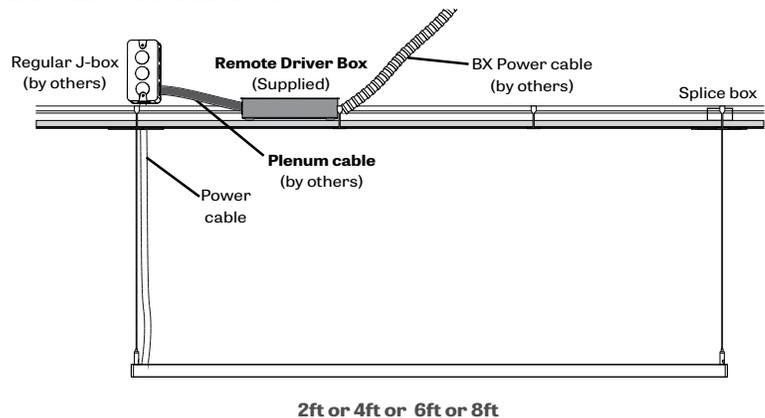


Joining system for Ory Indirect Widespread

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



WITH INDIRECT WIDESPREAD

MOUNTING OPTIONS

Fixtures can be pendant-mounted, using aircraft cables. Unless otherwise specified, Lumenwerx provides the following hardware:

For cable-mounted fixtures - 53WAC36 (5" white canopy for all power mounting point, 3" white canopy for non power mounting point, and a 36" cable)

[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.

CONSTRUCTION

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

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 4ft - 5.69lbs - 2.58kg

Ory 8ft - 11.17lbs - 5.07kg

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.