

POP CORE ROUND 24 LED

PENDANT DIRECT/INDIRECT



Shown with 3.5" optic



Shown with 5" optic

PROJECT: _____

TYPE: _____

NOTES: _____



DESCRIPTION

POP Core features a simple, uniformly luminous diffuser and delivers up to 122 LPW. The diffuser and light engine form a fully enclosed unit with no exposed hardware.

ORDER GUIDE

up to 122 lm/W performance

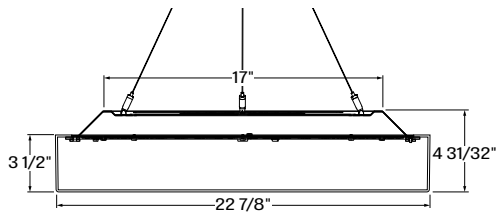
POROPDI	24IN	ULO		SW		
LUMINAIRE ID	SIZE	OPTIC	HEIGHT	LIGHT SOURCE	CRI	DIRECT LUMEN PACKAGE
POROPDI - Pop Round Pendant Direct/Indirect	24IN - Ø 24"	ULO - Uniform Lambertian Optic	3H - 3.5" optic 5H - 5" optic	SW - Static white	80 - 80CRI 90 - 90CRI	2500 - Min. low output 2500lm 3500 - Medium output 3500lm 4500 - Max. high output 4500lm (80CRI only) #### - Other required lm

					5WAC36
INDIRECT LUMEN PACKAGE	COLOR TEMP.	VOLTAGE	DRIVER	ELECTRICAL	MOUNTING
900 - Min. medium output 900lm 1100 - Max. high output 1100lm #### - Other required lm	27 - 2700K 30 - 3000K 35 - 3500K 40 - 4000K	120 - 120V 277 - 277V UNV - 120V-277V 347 - 347V	D1 - 1% 0-10V DA - DALI LDE1 - Lutron Hi-lume 1% Eco	1 - 1 circuit 2 - 2 circuits +GTD - Generator transfer device	5WAC36 - Power 5" white canopy (36" aircraft cable) For all other options refer to our Pendant Mounting Guide

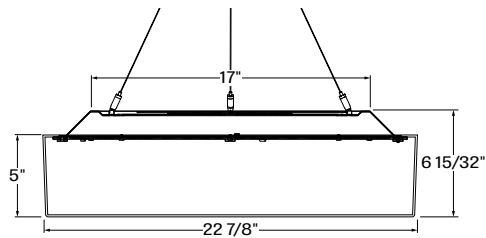
FINISH	OPTIONS
W - Matte white CF# - Custom finish specify RAL#	FU120 - Fuse 120V FU277 - Fuse 277V

See page 3 for ordering code detailed information

CROSS SECTION



POROPDI + 3H - Pop Round Pendant Direct/Indirect with 3.5" optic

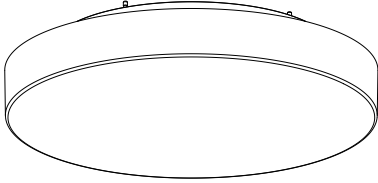


POROPDI + 5H - Pop Round Pendant Direct/Indirect with 5" optic

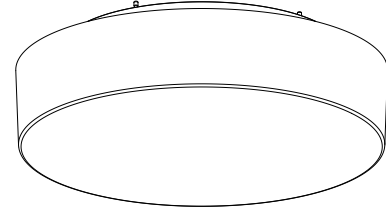
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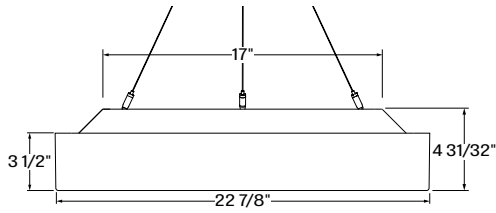
POP ROUND 3H - 3.5" OPTIC



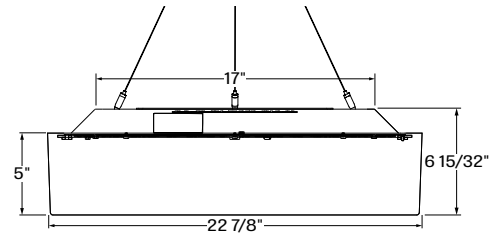
POP ROUND 5H - 5" OPTIC



POROPDI + 3H - Pop Round Pendant with 3.5" optic



POROPDI + 5H - Pop Round Pendant with 5" optic



POP CORE ROUND 24 LED

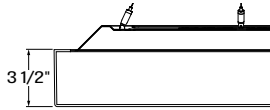
PENDANT DIRECT/INDIRECT

OPTIC

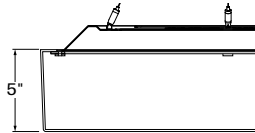
Uniform Efficiency Lambertian Optic (ULO) - Made of formed impact modified white PMMA, the optic provides an even light distribution with up to 88% transmission. Its unique enclosed shell design protects LEDs against Electrostatic Discharge and dust while its back surface project a soft glow on the mounting surface.

OPTICS HEIGHT

Pop Round Pendant 24 is available with both 3.5" and 5" diffuser.



POROPDI + 3H - Pop Round Pendant Direct/Indirect with 3.5" optic



POROPDI + 5H - Pop Round Pendant Direct/Indirect with 5" optic

LIGHT SOURCE

Custom array of mid-flux LEDs are mounted directly to the housing for optimal thermal performance. 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.

PERFORMANCE AT 4000K

High Indirect Output (1100 Lumens)

LED output	Color Temp	Watts	Direct Lumens	Indirect Lumens	Total Nominal Delivered Lumens	Efficacy LPW
Low output	4000K	30	2500	1100	3600	121
Medium output	4000K	38.5	3500	1100	4600	120
High output	4000K	48.5	4500	1100	5600	116

Medium Indirect Output (900 Lumens)

LED output	Color Temp	Watts	Direct Lumens	Indirect Lumens	Total Nominal Delivered Lumens	Efficacy LPW
Low output	4000K	28	2500	900	3400	122
Medium output	4000K	36.5	3500	900	4400	120
High output	4000K	46.5	4500	900	5400	116

ELECTRICAL

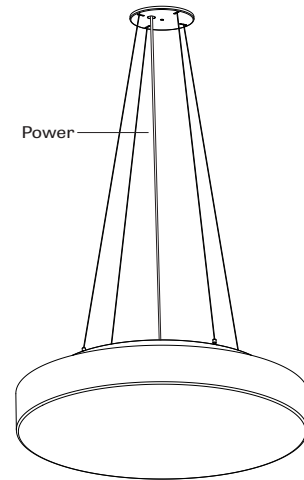
Factory-set, adjustable output current LED driver with universal (120-277VAC) input. Dimmable from 100% to 1% with 0-10V dimming control. Rated life (90% survivorship) of 50,000 hours at 50°C max. ambient (and 70°C max. case) temperature. At maximum driver load: Efficiency > 84%, PF > 0.9, THD < 20%. Other specifiable options include Hi-Lume 1% Eco and DALI protocol drivers. All of our standard 0-10V drivers are NEMA 410 compliant.

MOUNTING OPTIONS

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

For cable-mounted fixtures - 5WAC36, 5" white canopy with a 36" cable.

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



FINISH

Interior - 95% reflective, matte white powder coating

Exterior - Matte white powder coating.

CONSTRUCTION

Housing - 16 gauge spun aluminum, matte white powder coating

Diffuser - Uniform Lambertian Optic, thermoformed impact modified acrylic, completely enclosed

WEIGHT

RD 24 X 3.5 - 13.42lbs - 6.1kg

RD 24 X 5 - 14.32lbs - 6.51kg

CERTIFICATIONS

ETL - Rated for Indoor Dry/Damp locations.

Conforms to UL Standard 1598 and certified to CAN/CSA Standard C22.2 No. 250.0.

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WARRANTY

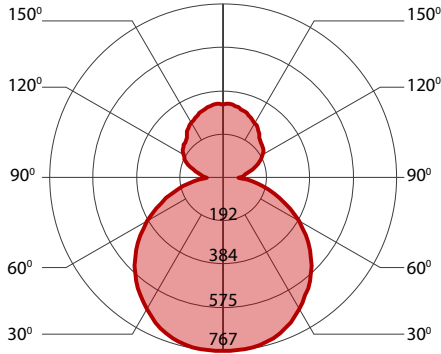
Lumenwerx provides a five-year limited warranty of electrical and mechanical performance of the luminaires, including the LED boards, drivers, and auxiliary electronics. Lumenwerx will repair or replace defective luminaires or components at our discretion, provided they have been installed and operated in accordance with our specifications. Other limitations apply, please refer to the full warranty on our website.

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PERFORMANCE AT INDIRECT 900 LUMEN

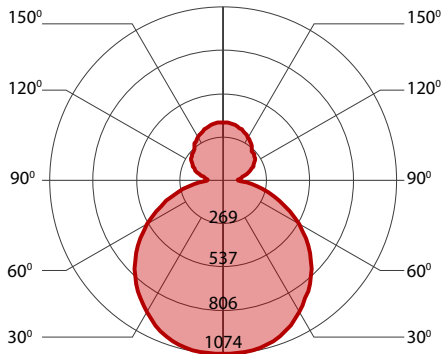
2500 LUMEN AT 80CRI - LOW OUTPUT



PERFORMANCE

LED output	Color Temp	Watts	Direct Lumens	Indirect Lumens	Total Nominal Delivered Lumens	Efficacy LPW
Low output	2700K	30.5	2500	900	3400	112
Low output	3000K	30	2500	900	3400	114
Low output	3500K	29	2500	900	3400	118
Low output	4000K	28	2500	900	3400	122

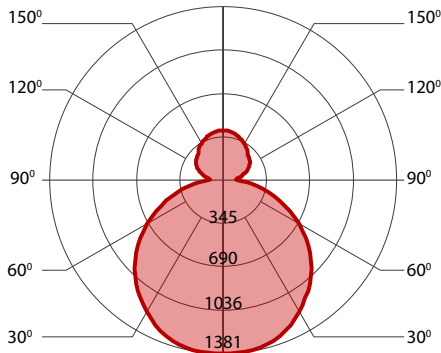
3500 LUMEN AT 80CRI - MEDIUM OUTPUT



PERFORMANCE

LED output	Color Temp	Watts	Direct Lumens	Indirect Lumens	Total Nominal Delivered Lumens	Efficacy LPW
Medium output	2700K	40	3500	900	4400	110
Medium output	3000K	39.5	3500	900	4400	112
Medium output	3500K	38	3500	900	4400	116
Medium output	4000K	36.5	3500	900	4400	120

4500 LUMEN AT 80CRI - HIGH OUTPUT



PERFORMANCE

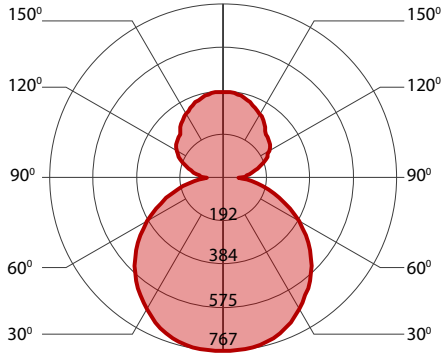
LED output	Color Temp	Watts	Direct Lumens	Indirect Lumens	Total Nominal Delivered Lumens	Efficacy LPW
High output	2700K	50.5	4500	900	5400	107
High output	3000K	49.5	4500	900	5400	109
High output	3500K	48	4500	900	5400	113
High output	4000K	46.5	4500	900	5400	116

POP CORE ROUND 24 LED

PENDANT DIRECT/INDIRECT

PERFORMANCE AT INDIRECT 1100 LUMEN

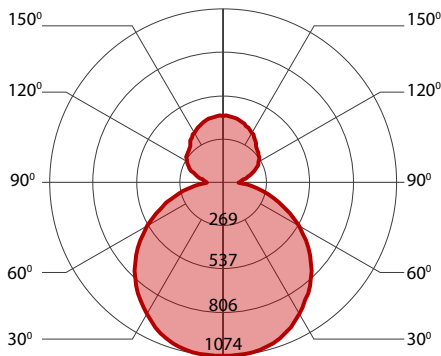
2500 LUMEN AT 80CRI - LOW OUTPUT



PERFORMANCE

LED output	Color Temp	Watts	Direct Lumens	Indirect Lumens	Total Nominal Delivered Lumens	Efficacy LPW
Low output	2700K	32.5	2500	1100	3600	111
Low output	3000K	31.5	2500	1100	3600	114
Low output	3500K	31	2500	1100	3600	117
Low output	4000K	30	2500	1100	3600	121

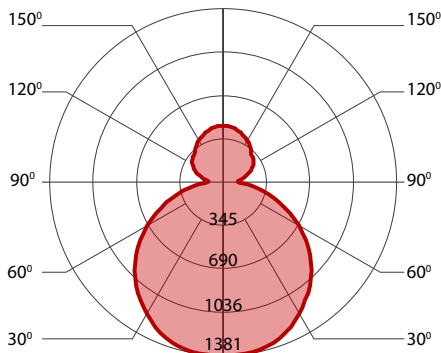
3500 LUMEN AT 80CRI - MEDIUM OUTPUT



PERFORMANCE

LED output	Color Temp	Watts	Direct Lumens	Indirect Lumens	Total Nominal Delivered Lumens	Efficacy LPW
Medium output	2700K	42	3500	1100	4600	110
Medium output	3000K	41	3500	1100	4600	112
Medium output	3500K	39.5	3500	1100	4600	116
Medium output	4000K	38.5	3500	1100	4600	120

4500 LUMEN AT 80CRI - HIGH OUTPUT



PERFORMANCE

LED output	Color Temp	Watts	Direct Lumens	Indirect Lumens	Total Nominal Delivered Lumens	Efficacy LPW
High output	2700K	52.5	4500	1100	5600	107
High output	3000K	51.5	4500	1100	5600	109
High output	3500K	49.5	4500	1100	5600	113
High output	4000K	48.5	4500	1100	5600	116