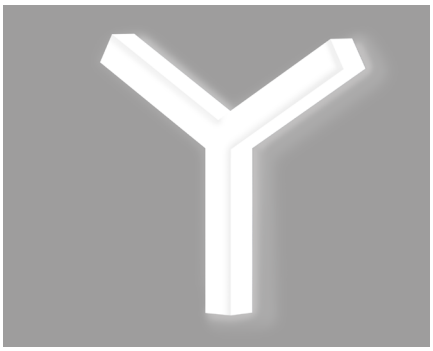
POLY Y LED

WALL



DESCRIPTION

Poly's geometric forms, appropriately scaled for use as discrete luminaires, offer new opportunities for creative approaches to general lighting. Poly Y-shaped wall can distinguish a variety of special areas. The open form is airy and features a compact 2.5" profile (drivers are remote). Poly can be used comfortably in either regular or free-form arrangements. Efficacies up to 126 LPW, multiple lumen outputs and electrical options make Poly practical, as well as creative.e.

PROJECT: _____

TYPE: _____

NOTES: _____

5 YEAR WARRANTY 5 YEAR WARRANTY

up to 126 lm/w performance

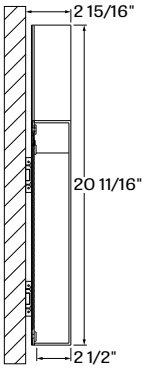
ORDER GUIDE

POLW	Y	ULO	SW				
LUMINAIRE ID	**SHAPE**	**OPTIC**	**LIGHT SOURCE**	**CRI**	**LUMEN PACKAGES**	**COLOR TEMP.**	**VOLTAGE**
POLW - poly wall	**Y** - Y formed	**ULO** - Uniform Lambertian Optic	**SW** - Static white	**80** - 80CRI **90** - 90CRI	**900** - min. low output 900lm **1500** - medium output 1500lm **####** - other required lm	**27** - 2700k **30** - 3000k **35** - 3500k **40** - 4000k	**120** - 120V **277** - 277V **UNV** - 120V-277V **347** [1] - 347V [1] Available with D1 driver only.

	RDB	1	DMB		
DRIVER	**REMOTE DRIVER BOX**	**ELECTRICAL**	**MOUNTING**	**FINISH**	**OPTION**
D1 - 1% 0-10V **DA** [2] - DALI **LDE1** [2] - Lutron Hi-lume 1% Eco [2] On-site commissioning is required.	**RDB** - Remote driver box	**1** - 1 circuit	**DMB** - drywall mounting bracket	**W** - matte white **CF#** - custom finish specify RAL#	**FU120** - Fuse 120V **FU277** - Fuse 277V **CU** - custom

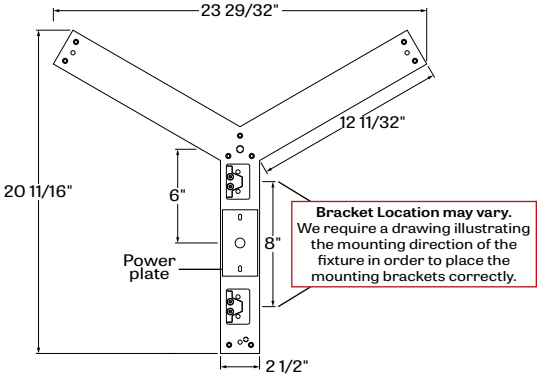
See page 2 for ordering code detailed information

SECTION VIEW



POLW-Y - wall

TOP VIEW



POLW-Y - wall

POLY Y LED

WALL

OPTIC
The **Uniform Luminous Optic (ULO)** drop lens of thermoformed acrylic provides three luminous faces with subtle uplight.

LIGHT SOURCE - LED
Custom array of mid-flux LED's 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.

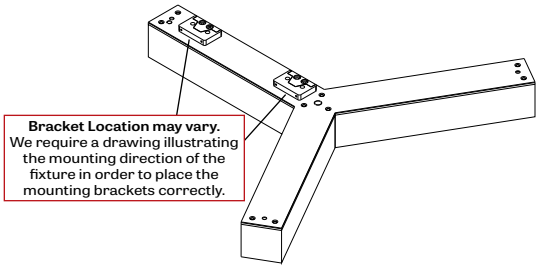
PERFORMANCE AT 4000K

LED output	Color Temp	Watts	Nominal Delivered Lumens	Efficacy LPW
low output	4000K	7	900	126
medium output	4000K	12.5	1500	122

ELECTRICAL REMOTE
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% Eco and DALI protocol drivers. All of our standard 0-10V drivers are NEMA 410 compliant.

REMOTE DRIVER
The factory-provided remote driver enclosure is accessible from below both drywall and grid ceilings.

MOUNTING OPTIONS
Fixtures may be mounted to the wall using a bracket.



FINISH
95% reflective, matte white powder coating

CONSTRUCTION
Reflector plate (LED holder) - Die formed cold rolled sheet steel 18 gauge thick, 95% reflective matte white painted
Lens - white acrylic
Wall bracket - die cast aluminum, matte white powder coating

WEIGHT
POLY Y - 3.45lbs - 1.56kg

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 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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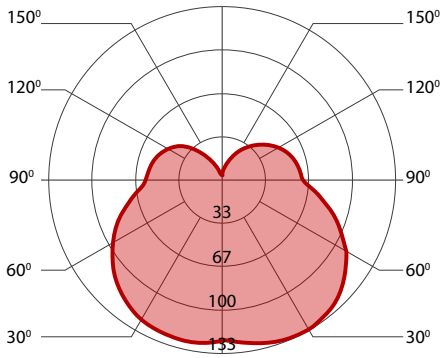
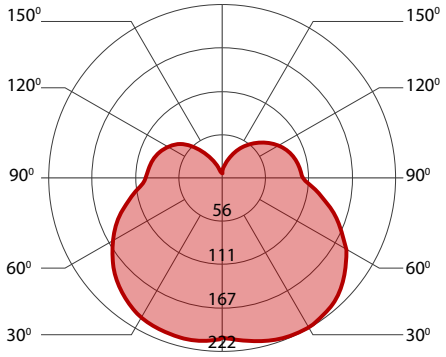
900 LUMEN AT 80CRI - LOW OUTPUT



PERFORMANCE

LED output	Color Temp	Watts	Nominal Delivered Lumens	Efficacy LPW
low output	3000K	7.5	900	120
low output	3500K	7.5	900	122
low output	4000K	7	900	126

1500 LUMEN AT 80CRI - MEDIUM OUTPUT



PERFORMANCE

LED output	Color Temp	Watts	Nominal Delivered Lumens	Efficacy LPW
medium output	3000K	13	1500	116
medium output	3500K	12.5	1500	118
medium output	4000K	12.5	1500	122