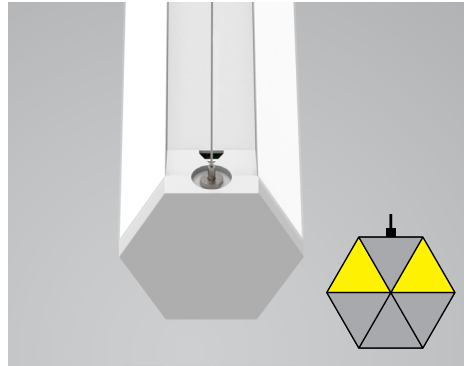
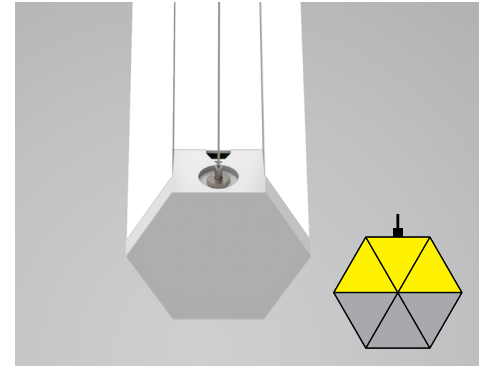


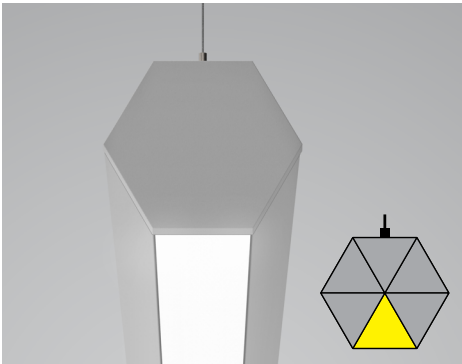
HEX1PI - pendant with 1 indirect cell



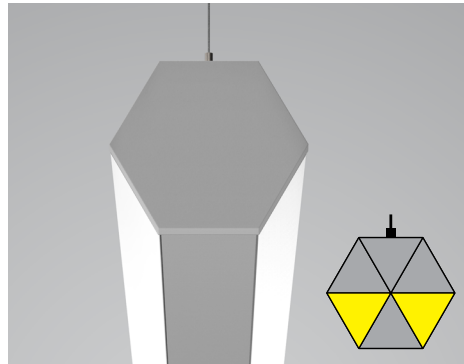
HEX2PI - pendant with 2 indirect cells



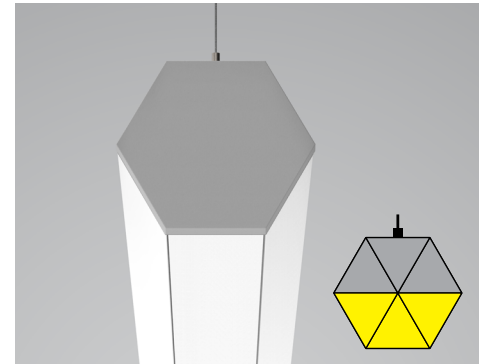
HEX3PI - pendant with 3 indirect cells



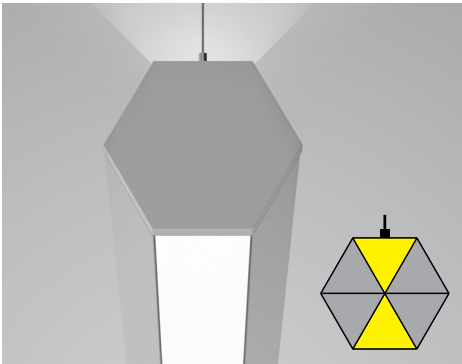
HEX1PD - pendant with 1 direct cell



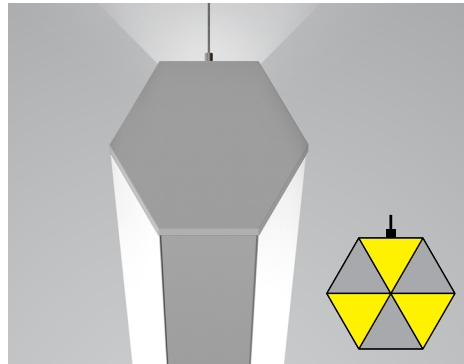
HEX2PD - pendant with 2 direct cells



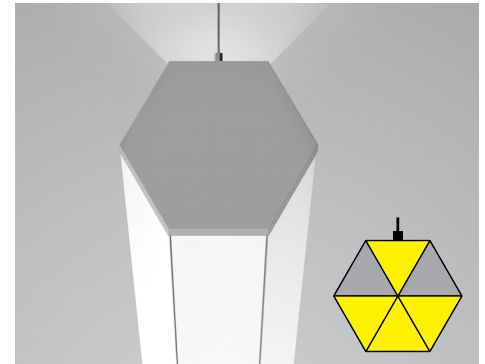
HEX3PD - pendant with 3 direct cells



HEX2PDI - pendant with 1 cell direct, 1 cell indirect



HEX3PDI - pendant with 2 cells direct, 1 cell indirect



HEX4PDI - pendant with 3 cells direct, 1 cell indirect

HEX LED

PENDANT

SINGLE DISTRIBUTION

DESCRIPTION

Hex is the distinctive and flexible six-sided luminaire for creative designs. Cell configuration determines the light distribution and overall light output. Each cell is illuminated by its own LED array with consistent light output and brightness across all cells. The 2" wide panels snap into the core armature providing nearly seamless transition from cell to cell, as well as access to LED arrays and driver. This specification sheet covers direct and indirect light distributions. See HEX multiple for bi-directional options.

PROJECT: _____

TYPE: _____
NOTES: _____



up to 135 lm/w performance

ORDER GUIDE

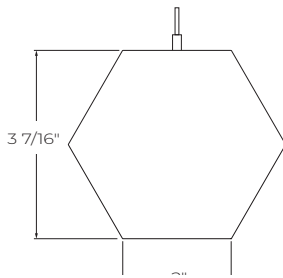
LUMINAIRE ID	HLO	SW	CRI	LUMEN PACKAGES
HEX1PI - Hex pendant 1 cell indirect HEX1PD - Hex pendant 1 cell direct HEX2PI - Hex pendant 2 cells indirect HEX2PD - Hex pendant 2 cells direct HEX3PI - Hex pendant 3 cells indirect HEX3PD - Hex pendant 3 cells direct	HLO - High-Efficiency Lambertian Optic	SW - Static white	80 - 80CRI 90 - 90CRI	###lm/ft - 350lm/ft min to 750lm/ft-max (for 1 cell only) ###lm/ft - 500lm/ft min to 1000lm/ft-max f (for 2 cells only) ###lm/ft - 750lm/ft min to 1250lm/ft-max (for 3 cells only)

COLOR TEMP.	LUMINAIRE LENGTH	VOLTAGE	DRIVER	ELECTRICAL
27 - 2700k 30 - 3000k 35 - 3500k 40 - 4000k	Standard sections - 2', 4', 5', 6' & 8' #FT - nominal length in feet Continuous Run - for luminaires over 8' Minimum Individual section 2' Increments of 1'	120 - 120V 277 - 277V UNV - 120V-277V 347 - 347V (not available with Lutron)	D1 - 1% dimming 0-10V DA - Dali LDE1 - Lutron Hi-lume 1% Eco	1 - 1 circuit +#EM - emergency light circuit (please consult factory) +#NL - night light circuit

See page 4 for ordering code detailed information

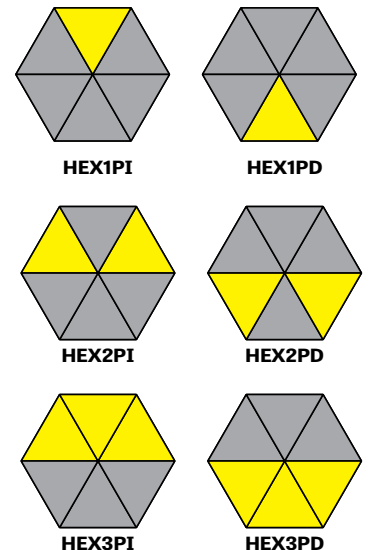
MOUNTING	FINISH	OPTIONS
53WAC36 - power 5" + non power 3" white canopy (36" air craft cable) For all other options refer to our Pendant Mounting Guide	W - matte white AL - aluminum B - matte black CF# - custom finish specify RAL#	FU120 - Fuse 120V FU277 - Fuse 277V TB# - T-bar caddy clip specify grid size TG# - Tegular caddy clip specify grid size ST - Screw Slots caddy clip CU - custom

CROSS SECTION



HEX2PI - air craft cable

SINGLE DISTRIBUTION



HEX LED

PENDANT

MULTIPLE DISTRIBUTIONS

DESCRIPTION

Hex is the distinctive and flexible six-sided luminaire for creative designs. Cell configuration determines the light distribution and overall light output. Each cell is illuminated by its own LED array with consistent light output and brightness across all cells. The 2" wide panels snap into the core armature providing nearly seamless transition from cell to cell, as well as access to LED arrays and driver. This specification sheet covers bi-directional light distributions. See HEX single for direct or indirect options.

PROJECT: _____

TYPE: _____
NOTES: _____



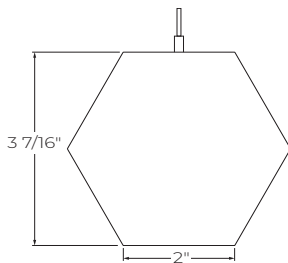
up to 135 lm/w performance

ORDER GUIDE

LUMINAIRE ID	HLO	SW	CRI	DIRECT LUMEN PACKAGES
HEX2PDI - Hex pendant 1 cell direct, 1 cell indirect HEX3PDI - Hex pendant 2 cells direct 1 cell indirect HEX4PDI - Hex pendant 3 cells direct 1 cell indirect	HLO - High-Efficiency Lambertian Optic	SW - Static white	80 - 80CRI 90 - 90CRI	###lm/ft - 350lm/ft min to 750lm/ft-max (1 cell only) ###lm/ft - 500lm/ft min to 1000lm/ft-max (for 2 cells only) ###lm/ft - 750lm/ft min to 1000lm/ft-max (for 3 cells only)
INDIRECT LUMEN PACKAGES	COLOR TEMP.	LUMINAIRE LENGTH	VOLTAGE	DRIVER
###lm/ft - 350lm/ft min to 750lm/ft-max (for 1 cell only)	27 - 2700k 30 - 3000k 35 - 3500k 40 - 4000k	Standard sections - 2', 4', 5', 6' & 8' #FT - nominal length in feet Continuous Run - for luminaires over 8' Minimum Individual section 2' Increments of 1'	120 - 120V 277 - 277V UNV - 120V-277V 347 - 347V (not available with Lutron)	D1 - 1% dimming 0-10V DA - Dali LDE1 - Lutron Hi-lume 1% Eco
53WAC36				
ELECTRICAL	MOUNTING	FINISH	OPTIONS	
1 - 1 circuit 2 - 2 circuits + #EM - emergency light circuit + #NL - night light circuit	53WAC36 - power 5" + non power 3" white canopy (36" air craft cable) For all other options refer to our Pendant Mounting Guide	W - matte white AL - aluminum B - matte black CF# - custom finish specify RAL#	FU120 - Fuse 120V FU277 - Fuse 277V TB# - T-bar caddy clip specify grid size TG# - Tegular caddy clip specify grid size ST - Screw Slots caddy clip CU - custom	

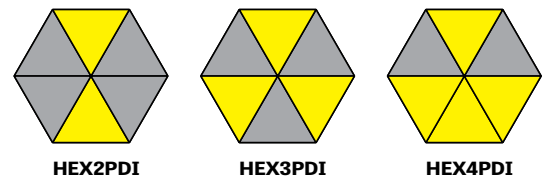
See page 4 for ordering code detailed information

CROSS SECTION



HEX2PDI - air craft cable

MULTIPLE DISTRIBUTION



OPTICS

HIGH EFFICIENCY LAMBERTIAN OPTIC (HLO) - matte white side reflectors combined with High-Efficiency Lambertian Optic (HLO) shielding of diffusing 0.075" thick acrylic with up to 88% transmission and good source obscuration. Luminaire brightness is controlled by the flux-to-shielding area ratio.

LIGHT SOURCE - LED

Custom linear array of mid-flux LED's are cartridge-mounted with quick-connect wiring to facilitate service and thermal management. Available in 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 PER 4' AT 4000K

SINGLE DISTRIBUTION HEX2PD - 2 cells direct

LED output	Color Temp	Watts	Nominal Delivered Lumens	Efficacy LPW
low output	4000K	15	2000	135
medium output	4000K	22.5	3000	132
high output	4000K	31	4000	130

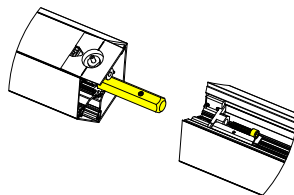
MULTIPLE DISTRIBUTIONS HEX2PDI - 1 cell direct, 1 cell indirect (500 lm/ft)

LED output	Color Temp	Watts	Direct Lumens	Indirect Lumens	Total Nominal Delivered Lumens	Efficacy LPW
low output	4000K	31	2000	2000	4000	130
medium output	4000K	39.5	3000	2000	5000	127
high output	4000K	48.5	4000	2000	6000	124

LUMINAIRE LENGTH

Hex is made up of standard 2, 4, 5, 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.

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.



Hex Pendant joining system

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

MOUNTING OPTIONS

Fixtures can be pendant-mounted, using aircraft cables, or stem-mounted.

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)

Caddy clips, if required specify under **OPTIONS**

[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 matte black powder coating.

CONSTRUCTION

Housing - Extruded Aluminum (0.100" nominal) up to 90% Recycled Content

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

Joining system - Die cast Aluminum

End caps - Die cast Aluminum (0.125" nominal)

Hanger - Chromed Griplock with Safety Nuts securely attached with stainless-steel hardware in end caps and/or joiners

Aircraft cable suspension - 7x7 braids Stainless Steel aircraft cable 1/16" diameter thick

Core Armature - Die-cast aluminum, runs full length of luminaire

WEIGHT

Hex 4ft - 13.22lbs - 6kg

Hex 8ft - 26.45lbs - 12kg

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.

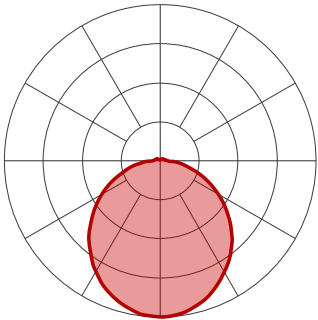
HEX LED

PENDANT



SINGLE DISTRIBUTION - HEX1PD - 1 CELL DIRECT

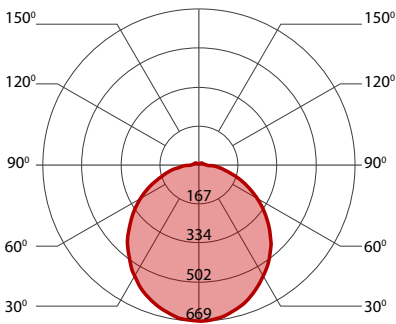
350 LUMEN AT 80CRI - LOW OUTPUT



PERFORMANCE PER 4'

LED output	Color Temp	Watts	Nominal Delivered Lumens	Efficacy LPW
low output	2700K	12	1400	117
low output	3000K	11	1400	127
low output	3500K	11	1400	128
low output	4000K	10.5	1400	133

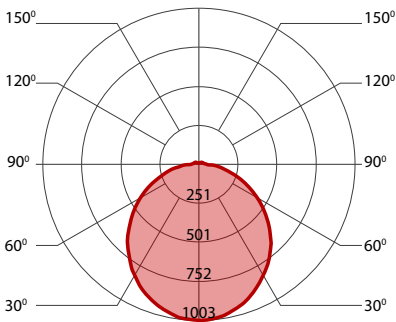
500 LUMEN AT 80CRI - MEDIUM OUTPUT



PERFORMANCE PER 4'

LED output	Color Temp	Watts	Nominal Delivered Lumens	Efficacy LPW
medium output	2700K	17	2000	118
medium output	3000K	16	2000	124
medium output	3500K	16	2000	126
medium output	4000K	15.5	2000	130

750 LUMEN AT 80CRI - HIGH OUTPUT



PERFORMANCE PER 4'

LED output	Color Temp	Watts	Nominal Delivered Lumens	Efficacy LPW
high output	2700K	25	3000	120
high output	3000K	25	3000	120
high output	3500K	24.5	3000	122
high output	4000K	24	3000	126

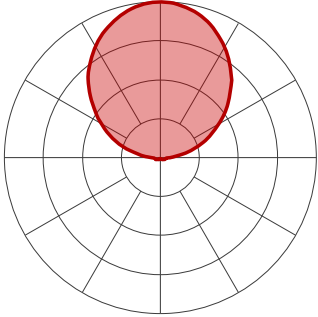
HEX LED

PENDANT



SINGLE DISTRIBUTION - HEX1PI - 1 CELL INDIRECT

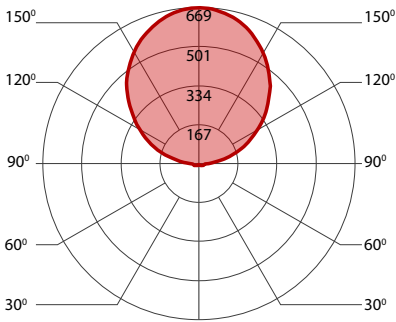
350 LUMEN AT 80CRI - LOW OUTPUT



PERFORMANCE PER 4'

LED output	Color Temp	Watts	Nominal Delivered Lumens	Efficacy LPW
low output	2700K	12	1400	117
low output	3000K	11	1400	127
low output	3500K	11	1400	128
low output	4000K	10.5	1400	133

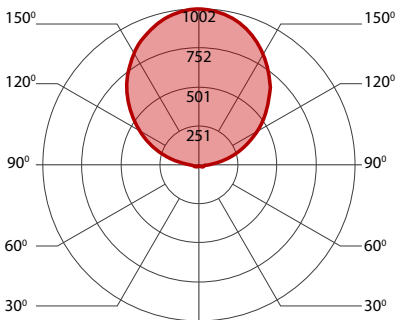
500 LUMEN AT 80CRI - MEDIUM OUTPUT



PERFORMANCE PER 4'

LED output	Color Temp	Watts	Nominal Delivered Lumens	Efficacy LPW
medium output	2700K	17	2000	118
medium output	3000K	16	2000	124
medium output	3500K	16	2000	126
medium output	4000K	15.5	2000	130

750 LUMEN AT 80CRI - HIGH OUTPUT



PERFORMANCE PER 4'

LED output	Color Temp	Watts	Nominal Delivered Lumens	Efficacy LPW
high output	2700K	25	3000	120
high output	3000K	25	3000	120
high output	3500K	24.5	3000	122
high output	4000K	24	3000	126

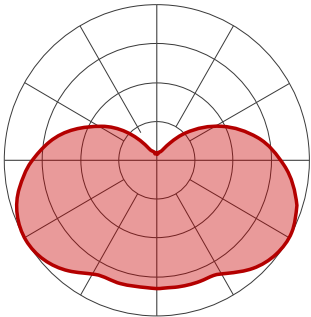
HEX LED

PENDANT



SINGLE DISTRIBUTION - HEX2PD - 2 CELLS DIRECT

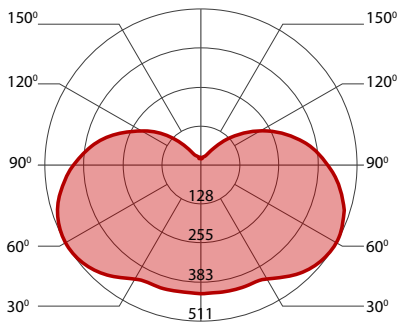
500 LUMEN AT 80CRI - LOW OUTPUT



PERFORMANCE PER 4'

LED output	Color Temp	Watts	Nominal Delivered Lumens	Efficacy LPW
low output	2700K	17	2000	118
low output	3000K	15.5	2000	128
low output	3500K	15.5	2000	131
low output	4000K	15	2000	135

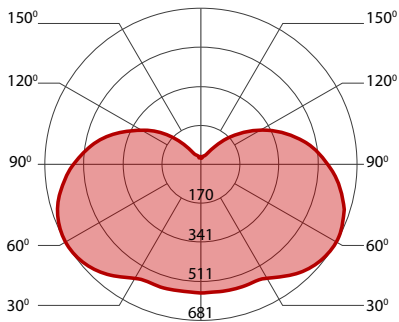
750 LUMEN AT 80CRI - MEDIUM OUTPUT



PERFORMANCE PER 4'

LED output	Color Temp	Watts	Nominal Delivered Lumens	Efficacy LPW
medium output	2700K	25	3000	120
medium output	3000K	24	3000	126
medium output	3500K	23.5	3000	128
medium output	4000K	22.5	3000	132

1000 LUMEN AT 80CRI - HIGH OUTPUT



PERFORMANCE PER 4'

LED output	Color Temp	Watts	Nominal Delivered Lumens	Efficacy LPW
high output	2700K	34	4000	117
high output	3000K	32.5	4000	124
high output	3500K	31.5	4000	126
high output	4000K	31	4000	130

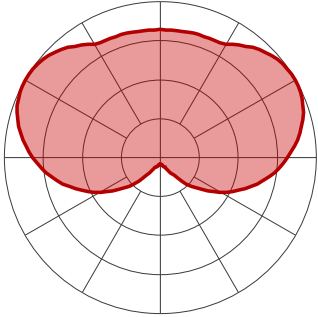
HEX LED

PENDANT



SINGLE DISTRIBUTION - HEX2PI - 2 CELLS INDIRECT

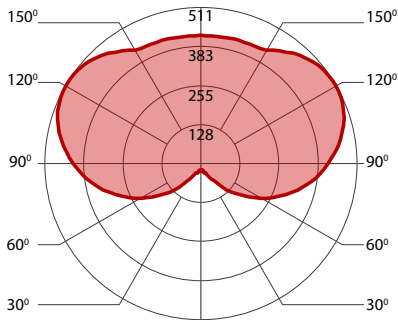
500 LUMEN AT 80CRI - LOW OUTPUT



PERFORMANCE PER 4'

LED output	Color Temp	Watts	Nominal Delivered Lumens	Efficacy LPW
low output	2700K	17	2000	118
low output	3000K	15.5	2000	128
low output	3500K	15.5	2000	131
low output	4000K	15	2000	135

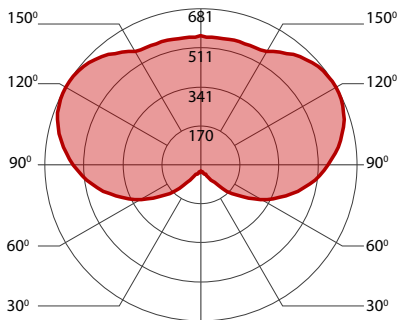
750 LUMEN AT 80CRI - MEDIUM OUTPUT



PERFORMANCE PER 4'

LED output	Color Temp	Watts	Nominal Delivered Lumens	Efficacy LPW
medium output	2700K	25	3000	120
medium output	3000K	24	3000	126
medium output	3500K	23.5	3000	128
medium output	4000K	22.5	3000	132

1000 LUMEN AT 80CRI - HIGH OUTPUT



PERFORMANCE PER 4'

LED output	Color Temp	Watts	Nominal Delivered Lumens	Efficacy LPW
high output	2700K	34	4000	117
high output	3000K	32.5	4000	124
high output	3500K	31.5	4000	126
high output	4000K	31	4000	130

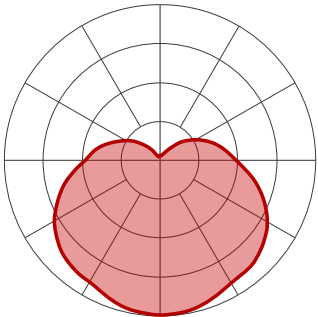
HEX LED

PENDANT



SINGLE DISTRIBUTION - HEX3PD - 3 CELLS DIRECT

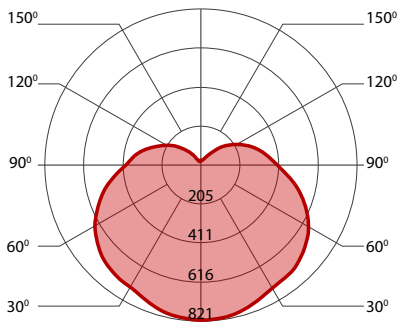
750 LUMEN AT 80CRI - LOW OUTPUT



PERFORMANCE PER 4'

LED output	Color Temp	Watts	Nominal Delivered Lumens	Efficacy LPW
low output	2700K	25	3000	120
low output	3000K	23.5	3000	128
low output	3500K	23	3000	130
low output	4000K	22	3000	135

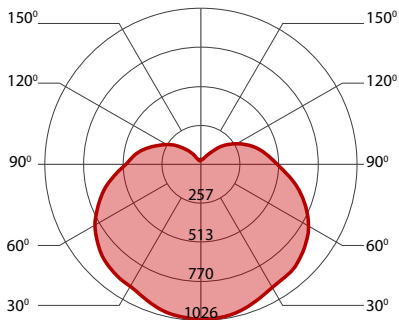
1000 LUMEN AT 80CRI - MEDIUM OUTPUT



PERFORMANCE PER 4'

LED output	Color Temp	Watts	Nominal Delivered Lumens	Efficacy LPW
medium output	2700K	34	4000	118
medium output	3000K	31.5	4000	127
medium output	3500K	31	4000	129
medium output	4000K	30	4000	133

1250 LUMEN AT 80CRI - HIGH OUTPUT



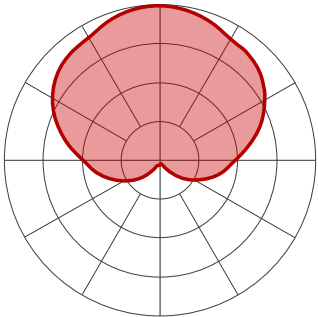
PERFORMANCE PER 4'

LED output	Color Temp	Watts	Nominal Delivered Lumens	Efficacy LPW
high output	2700K	42.5	5000	118
high output	3000K	40	5000	125
high output	3500K	39.5	5000	127
high output	4000K	38	5000	132



SINGLE DISTRIBUTION - HEX3PI - 3 CELLS INDIRECT

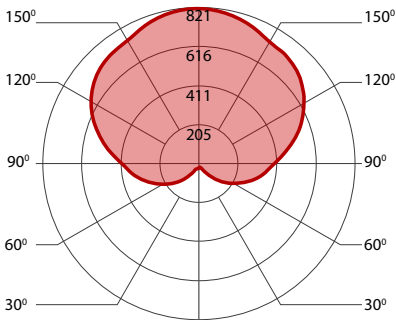
750 LUMEN AT 80CRI - LOW OUTPUT



PERFORMANCE PER 4'

LED output	Color Temp	Watts	Nominal Delivered Lumens	Efficacy LPW
low output	2700K	25	3000	120
low output	3000K	23.5	3000	128
low output	3500K	23	3000	130
low output	4000K	22	3000	135

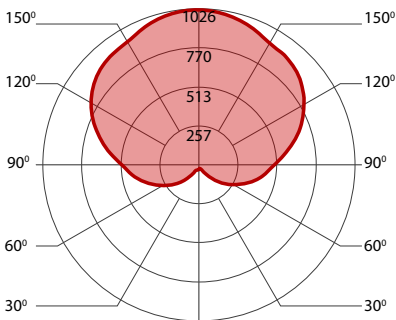
1000 LUMEN AT 80CRI - MEDIUM OUTPUT



PERFORMANCE PER 4'

LED output	Color Temp	Watts	Nominal Delivered Lumens	Efficacy LPW
medium output	2700K	34	4000	118
medium output	3000K	31.5	4000	127
medium output	3500K	31	4000	129
medium output	4000K	30	4000	133

1250 LUMEN AT 80CRI - HIGH OUTPUT



PERFORMANCE PER 4'

LED output	Color Temp	Watts	Nominal Delivered Lumens	Efficacy LPW
high output	2700K	42.5	5000	118
high output	3000K	40	5000	125
high output	3500K	39.5	5000	127
high output	4000K	38	5000	132

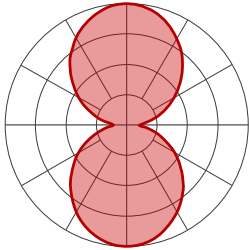
HEX LED

PENDANT



MULTIPLE DISTRIBUTION - HEX2PDI - 1 CELL DIRECT, 1 CELL INDIRECT (500 LM/FT)

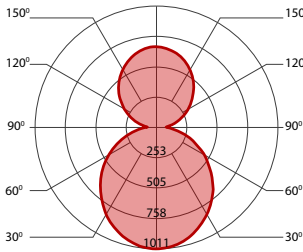
500 LUMEN AT 80CRI - LOW OUTPUT



PERFORMANCE PER 4'

LED output	Color Temp	Watts	Direct Lumens	Indirect Lumens	Total Nominal Delivered Lumens	Efficacy LPW
low output	2700K	34	2000	2000	4000	118
low output	3000K	32.5	2000	2000	4000	124
low output	3500K	31.5	2000	2000	4000	126
low output	4000K	31	2000	2000	4000	130

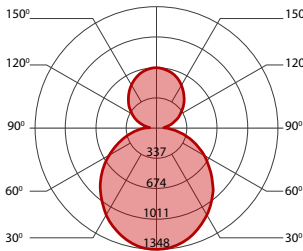
750 LUMEN AT 80CRI - MEDIUM OUTPUT



PERFORMANCE PER 4'

LED output	Color Temp	Watts	Direct Lumens	Indirect Lumens	Total Nominal Delivered Lumens	Efficacy LPW
medium output	2700K	41.5	3000	2000	5000	120
medium output	3000K	41.5	3000	2000	5000	121
medium output	3500K	40.5	3000	2000	5000	123
medium output	4000K	39.5	3000	2000	5000	127

1000 LUMEN AT 80CRI - HIGH OUTPUT



PERFORMANCE PER 4'

LED output	Color Temp	Watts	Direct Lumens	Indirect Lumens	Total Nominal Delivered Lumens	Efficacy LPW
high output	2700K	51	4000	2000	6000	118
high output	3000K	51	4000	2000	6000	118
high output	3500K	50	4000	2000	6000	120
high output	4000K	48.5	4000	2000	6000	124

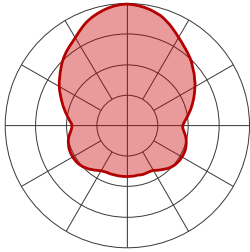
HEX LED

PENDANT



MULTIPLE DISTRIBUTION - HEX3PDI - 2 CELLS DIRECT, 1 CELL INDIRECT (500 LM/FT)

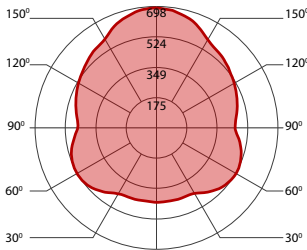
500 LUMEN AT 80CRI - LOW OUTPUT



PERFORMANCE PER 4'

LED output	Color Temp	Watts	Direct Lumens	Indirect Lumens	Total Nominal Delivered Lumens	Efficacy LPW
low output	2700K	34	2000	2000	4000	118
low output	3000K	31.5	2000	2000	4000	126
low output	3500K	31	2000	2000	4000	128
low output	4000K	30.5	2000	2000	4000	132

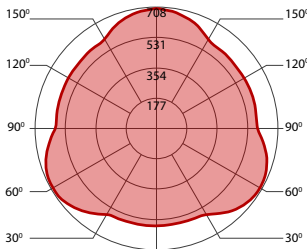
750 LUMEN AT 80CRI - MEDIUM OUTPUT



PERFORMANCE PER 4'

LED output	Color Temp	Watts	Direct Lumens	Indirect Lumens	Total Nominal Delivered Lumens	Efficacy LPW
medium output	2700K	42	3000	2000	5000	119
medium output	3000K	40	3000	2000	5000	125
medium output	3500K	39.5	3000	2000	5000	127
medium output	4000K	38	3000	2000	5000	132

1000 LUMEN AT 80CRI - HIGH OUTPUT



PERFORMANCE PER 4'

LED output	Color Temp	Watts	Direct Lumens	Indirect Lumens	Total Nominal Delivered Lumens	Efficacy LPW
high output	2700K	51.5	4000	2000	6000	117
high output	3000K	48.5	4000	2000	6000	124
high output	3500K	47.5	4000	2000	6000	126
high output	4000K	46	4000	2000	6000	130

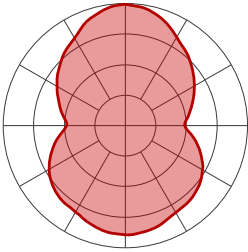
HEX LED

PENDANT



MULTIPLE DISTRIBUTION - HEX4PDI - 3 CELLS DIRECT, 1 CELL INDIRECT (500 LM/FT)

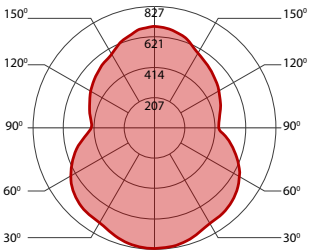
750 LUMEN AT 80CRI - LOW OUTPUT



PERFORMANCE PER 4'

LED output	Color Temp	Watts	Direct Lumens	Indirect Lumens	Total Nominal Delivered Lumens	Efficacy LPW
low output	2700K	42	3000	2000	5000	119
low output	3000K	39.5	3000	2000	5000	127
low output	3500K	39	3000	2000	5000	129
low output	4000K	37.5	3000	2000	5000	133

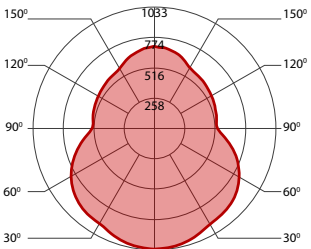
1000 LUMEN AT 80CRI - MEDIUM OUTPUT



PERFORMANCE PER 4'

LED output	Color Temp	Watts	Direct Lumens	Indirect Lumens	Total Nominal Delivered Lumens	Efficacy LPW
medium output	2700K	51	4000	2000	6000	118
medium output	3000K	47.5	4000	2000	6000	126
medium output	3500K	47	4000	2000	6000	128
medium output	4000K	45.5	4000	2000	6000	132

1250 LUMEN AT 80CRI - HIGH OUTPUT



PERFORMANCE PER 4'

LED output	Color Temp	Watts	Direct Lumens	Indirect Lumens	Total Nominal Delivered Lumens	Efficacy LPW
high output	2700K	59.5	5000	2000	7000	118
high output	3000K	56	5000	2000	7000	125
high output	3500K	55	5000	2000	7000	127
high output	4000K	53.5	5000	2000	7000	131