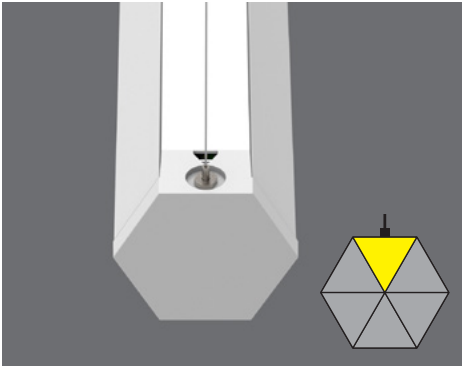
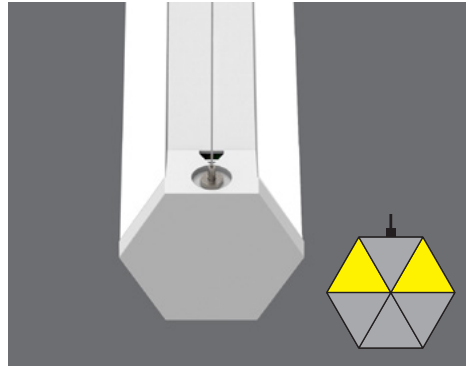


# HEX LED

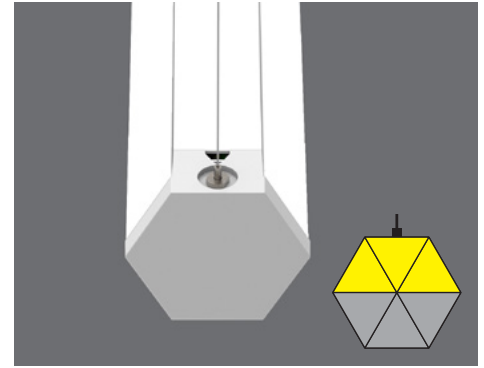
## PENDANT



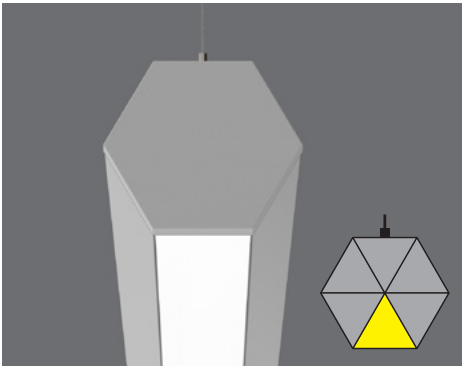
HEX1PI - pendant with 1 indirect cell



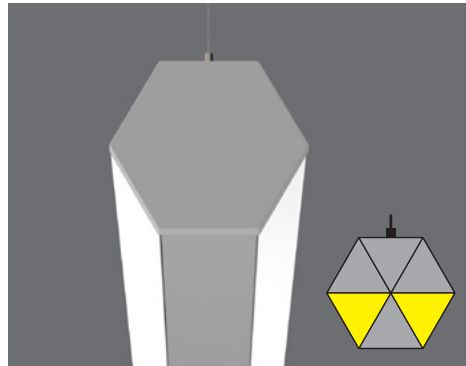
HEX2PI - pendant with 2 indirect cells



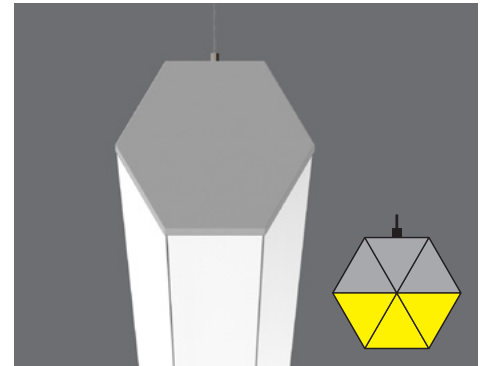
HEX3PI - pendant with 3 indirect cells



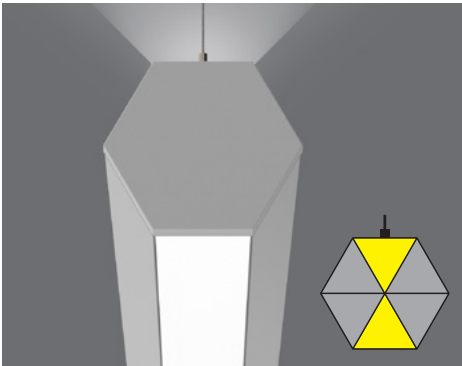
HEX1PD - pendant with 1 direct cell



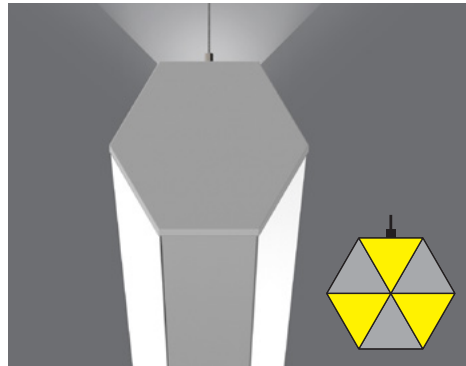
HEX2PD - pendant with 2 direct cells



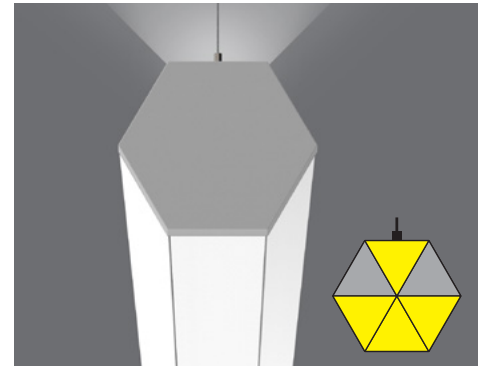
HEX3PD - pendant with 3 direct cells



HEX2PDI - pendant with 1 cell direct, 1 cell indirect



HEX3PDI - pendant with 2 cells direct, 1 cell indirect



HEX4PDI - pendant with 3 cell direct, 1 cell indirect



# HEX LED

PENDANT



**LUMENWERX**  
WWW.LUMENWERX.COM

## 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

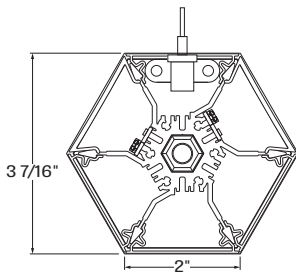
LUMINAIRE ID	HLO	LED	CRI	LUMEN PACKAGES
<b>HEX1PI</b> - Hex pendant 1 cell indirect <b>HEX1PD</b> - Hex pendant 1 cell direct <b>HEX2PI</b> - Hex pendant 2 cells indirect <b>HEX2PD</b> - Hex pendant 2 cells direct <b>HEX3PI</b> - Hex pendant 3 cells indirect <b>HEX3PD</b> - Hex pendant 3 cells direct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

COLOR TEMP.	LUMINAIRE LENGTH	VOLTAGE	DRIVER	ELECTRICAL
<b>27</b> - 2700k <b>30</b> - 3000k <b>35</b> - 3500k <b>40</b> - 4000k	Standard sections - 2', 4', 5', 6' & 8' <b>#FT</b> - nominal length in feet Continuous Run - for luminaires over 8' Minimum Individual section 2' Increments of 1'	<b>120</b> - 120V <b>277</b> - 277V <b>UNV</b> - 120V-277V <b>347</b> - 347V (not available with Lutron)	<b>D1</b> - 1% dimming 0-10V <b>DA</b> - Dali <b>LTEA2W</b> - Lutron 1% - 2 wire FF 120V <b>LDE1</b> - Lutron Hi-lume 1% Eco <b>LDE5</b> - Lutron 5% EcoSystem	<b>1</b> - 1 circuit <b>+ #EM</b> - emergency light circuit (please consult factory) <b>+ #NL</b> - night light circuit

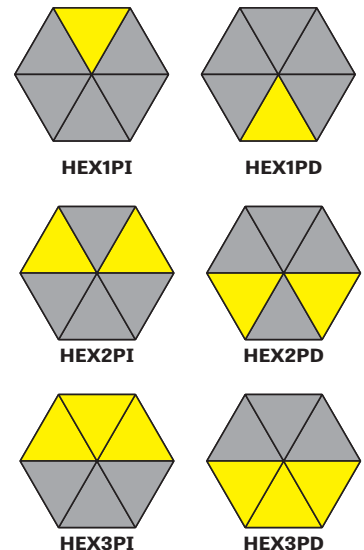
See page 4 for ordering code detailed information

MOUNTING	FINISH	OPTIONS
<b>53WAC36</b> - power 5" + non power 3" white canopy (36" air craft cable) <a href="#">For all other options refer to our Pendant Mounting Guide</a>	<b>W</b> - matte white <b>AL</b> - aluminum <b>B</b> - matte black <b>CF#</b> - custom finish specify RAL#	<b>FU</b> - fuse <b>TB#</b> - T-bar caddy clip specify grid size <b>TG#</b> - Tegular caddy clip specify grid size <b>ST</b> - Screw Slots caddy clip <b>CU</b> - custom

### CROSS SECTION



### SINGLE DISTRIBUTION



# HEX LED

PENDANT



**LUMENWERX**  
WWW.LUMENWERX.COM

## 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

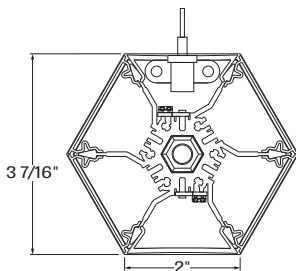
LUMINAIRE ID	HLO	LED	CRI	DIRECT LUMEN PACKAGES
<b>HEX2PDI</b> - Hex pendant 1 cell direct, 1 cell indirect	<b>HLO</b> - High-Efficiency Lambertian Optic	<b>LED</b> - high performance LED	<b>80</b> - 80CRI	<b>###lm/ft</b> - 350lm/ft min to 750lm/ft-max (1 cell only)
<b>HEX3PDI</b> - Hex pendant 2 cells direct 1 cell indirect			<b>90</b> - 90CRI	<b>###lm/ft</b> - 500lm/ft min to 1000lm/ft-max (for 2 cells only)
<b>HEX4PDI</b> - Hex pendant 3 cells direct 1 cell indirect				<b>###lm/ft</b> - 750lm/ft min to 1000lm/ft-max (for 3 cells only)

INDIRECT LUMEN PACKAGES	COLOR TEMP.	LUMINAIRE LENGTH	VOLTAGE	DRIVER
<b>###lm/ft</b> - 350lm/ft min to 750lm/ft-max (for 1 cell only)	<b>27</b> - 2700k <b>30</b> - 3000k <b>35</b> - 3500k <b>40</b> - 4000k	Standard sections - 2', 4', 5', 6' & 8' <b>#FT</b> - nominal length in feet Continuous Run - for luminaires over 8' Minimum Individual section 2' Increments of 1'	<b>120</b> - 120V <b>277</b> - 277V <b>UNV</b> - 120V-277V <b>347</b> - 347V (not available with Lutron)	<b>D1</b> - 1% dimming 0-10V <b>DA</b> - Dali <b>LTEA2W</b> - Lutron 1% - 2 wire FF 120V <b>LDE1</b> - Lutron Hi-lume 1% Eco <b>LDE5</b> - Lutron 5% EcoSystem

ELECTRICAL	MOUNTING	FINISH	OPTIONS
<b>1</b> - 1 circuit <b>2</b> - 2 circuits <b>+ #EM</b> - emergency light circuit <b>+ #NL</b> - night light circuit	<b>53WAC36</b> - power 5" + non power 3" white canopy (36" air craft cable) <a href="#">For all other options refer to our Pendant Mounting Guide</a>	<b>W</b> - matte white <b>AL</b> - aluminum <b>B</b> - matte black <b>CF#</b> - custom finish specify RAL#	<b>FU</b> - fuse <b>TB#</b> - T-bar caddy clip specify grid size <b>TG#</b> - Tegular caddy clip specify grid size <b>ST</b> - Screw Slots caddy clip <b>CU</b> - custom

See page 4 for ordering code detailed information

### CROSS SECTION



HEX2PDI - air craft cable

### MULTIPLE DISTRIBUTION



HEX2PDI

HEX3PDI

HEX4PDI

### 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

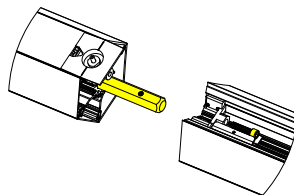
#### MULTIPLE DISTRIBUTIONS HEX2PDI - 1 cell direct, 1 cell indirect (500 lm/ft)

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% (specify 2-wire, or Ecosystem Dim-to-Off), Lutron 5-Series (5% Ecosystem), DMX (RDM compatible) 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 air craft 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.

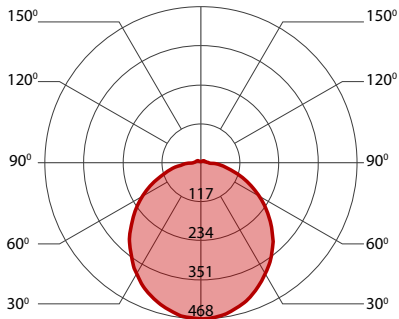
### WARRANTY

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.



### SINGLE DISTRIBUTION - HEX1PD - 1 CELL DIRECT

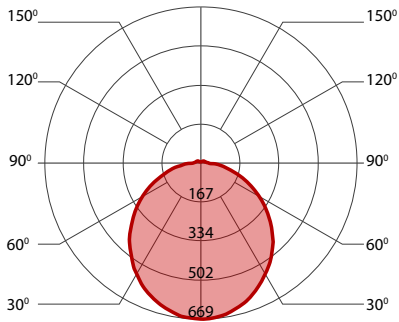
#### 350 LUMEN AT 80CRI - LOW OUTPUT



##### 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

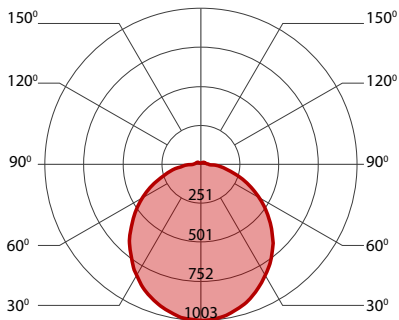
#### 500 LUMEN AT 80CRI - MEDIUM OUTPUT



##### 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



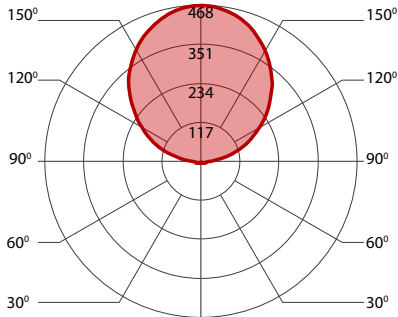
##### PERFORMANCE PER 4'

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



### SINGLE DISTRIBUTION - HEX1PI - 1 CELL INDIRECT

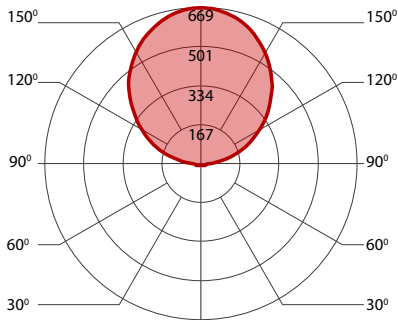
#### 350 LUMEN AT 80CRI - LOW OUTPUT



#### 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

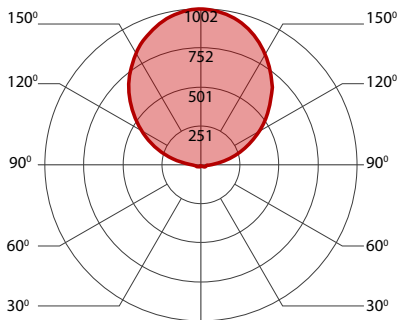
#### 500 LUMEN AT 80CRI - MEDIUM OUTPUT



#### 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

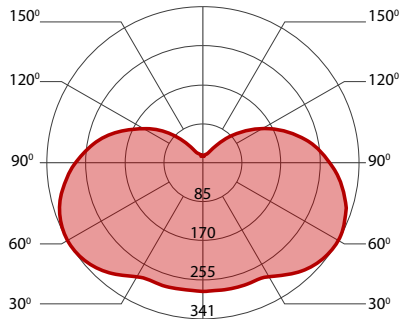
# HEX LED

PENDANT



## SINGLE DISTRIBUTION - HEX2PD - 2 CELLS DIRECT

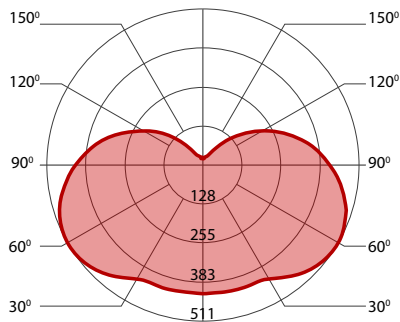
### 500 LUMEN AT 80CRI - LOW OUTPUT



#### 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

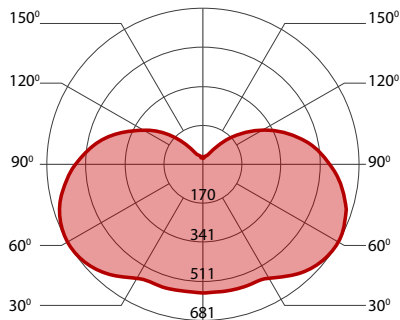
### 750 LUMEN AT 80CRI - MEDIUM OUTPUT



#### 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'

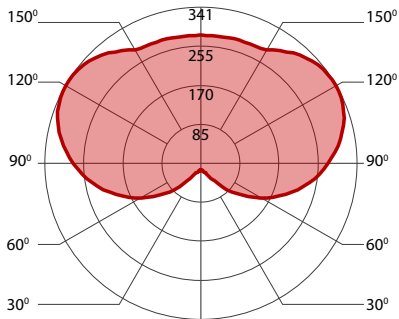
LED output	Color Temp	Watts	Nominal Delivered Lumens	Efficacy LPW
high output	2700K	34	4000	117
high output	3000K	32.5	4000	124
high output	3500K	31.5	4000	126
high output	4000K	31	4000	130





### SINGLE DISTRIBUTION - HEX2PI - 2 CELLS INDIRECT

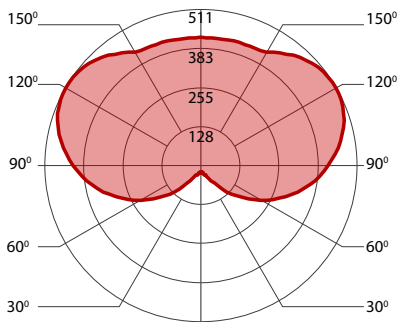
#### 500 LUMEN AT 80CRI - LOW OUTPUT



##### 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

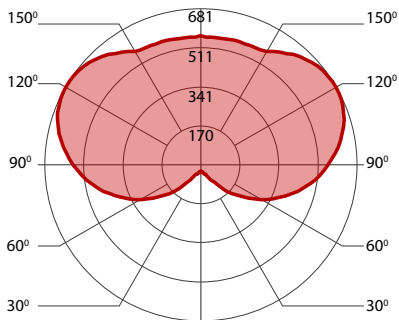
#### 750 LUMEN AT 80CRI - MEDIUM OUTPUT



##### 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



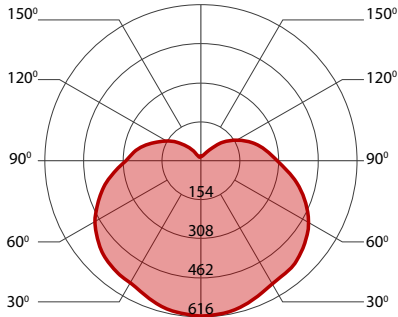
##### PERFORMANCE PER 4'

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



### SINGLE DISTRIBUTION - HEX3PD - 3 CELLS DIRECT

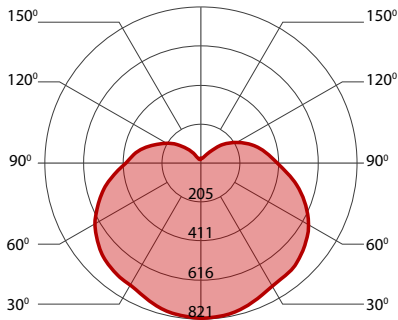
#### 750 LUMEN AT 80CRI - LOW OUTPUT



##### 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

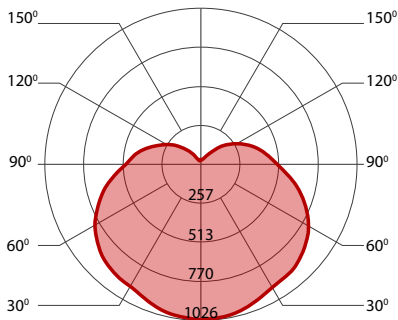
#### 1000 LUMEN AT 80CRI - MEDIUM OUTPUT



##### 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



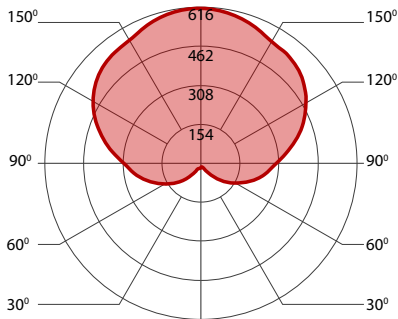
##### PERFORMANCE PER 4'

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

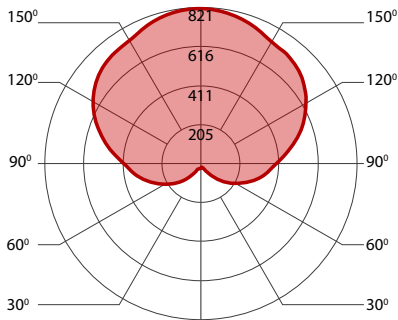
#### 750 LUMEN AT 80CRI - LOW OUTPUT



##### 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

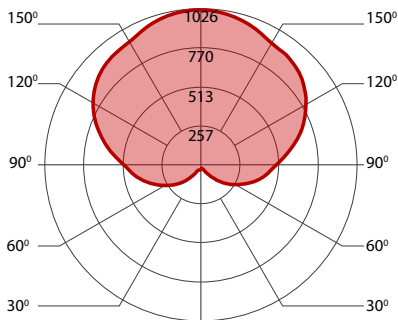
#### 1000 LUMEN AT 80CRI - MEDIUM OUTPUT



##### 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

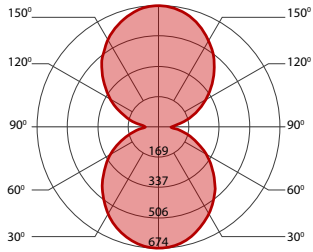
# HEX LED

PENDANT



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

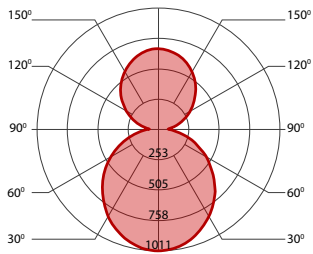
### 500 LUMEN AT 80CRI - LOW OUTPUT



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

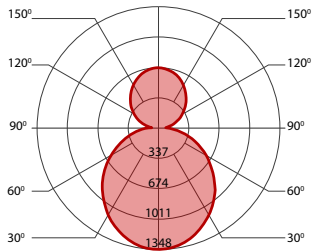
### 750 LUMEN AT 80CRI - MEDIUM OUTPUT



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

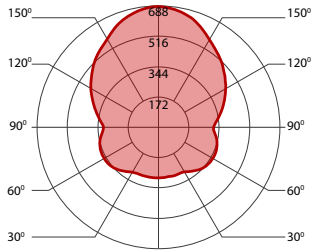
# HEX LED

PENDANT



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

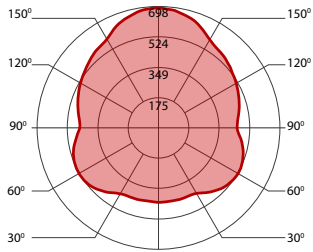
### 500 LUMEN AT 80CRI - LOW OUTPUT



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

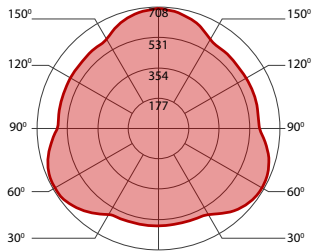
### 750 LUMEN AT 80CRI - MEDIUM OUTPUT



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

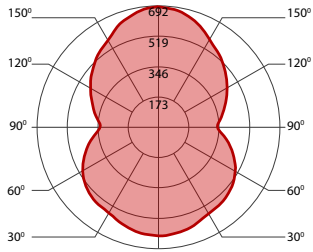
# HEX LED

PENDANT



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

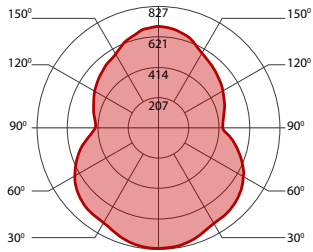
### 750 LUMEN AT 80CRI - LOW OUTPUT



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

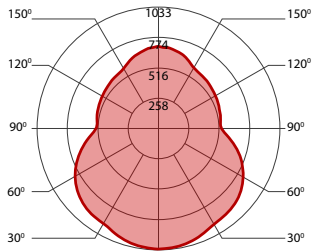
### 1000 LUMEN AT 80CRI - MEDIUM OUTPUT



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