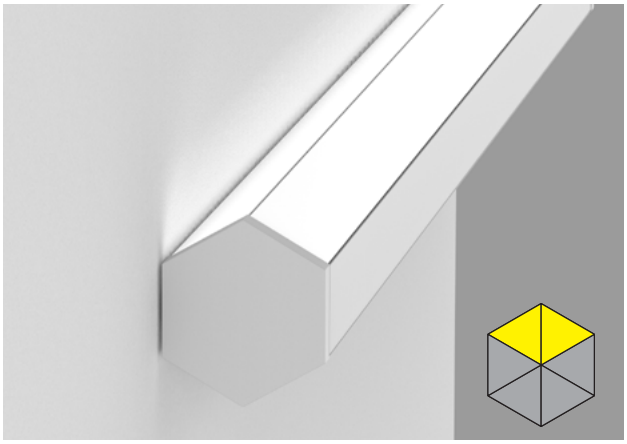
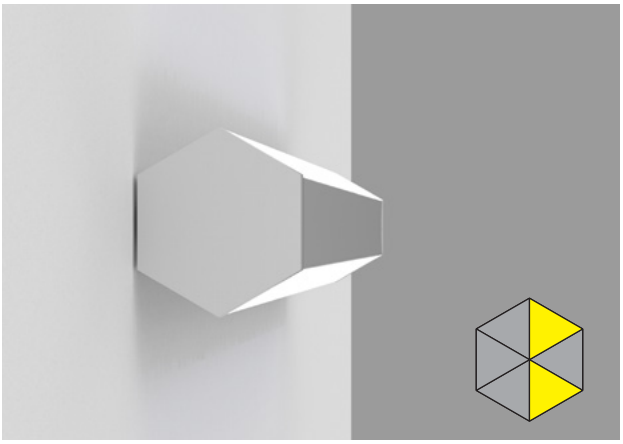
HEX HORIZONTAL MOUNTING

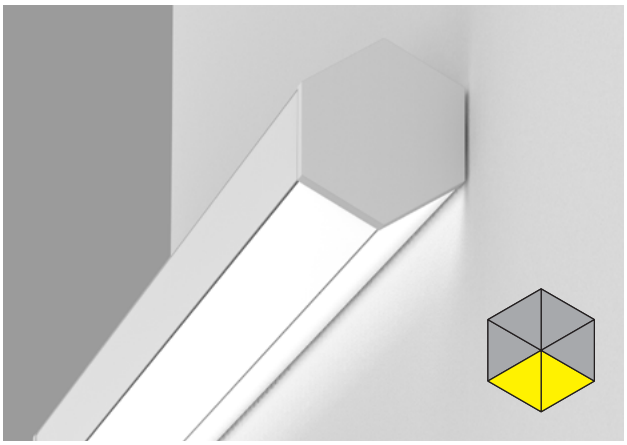
HEX VERTICAL MOUNTING



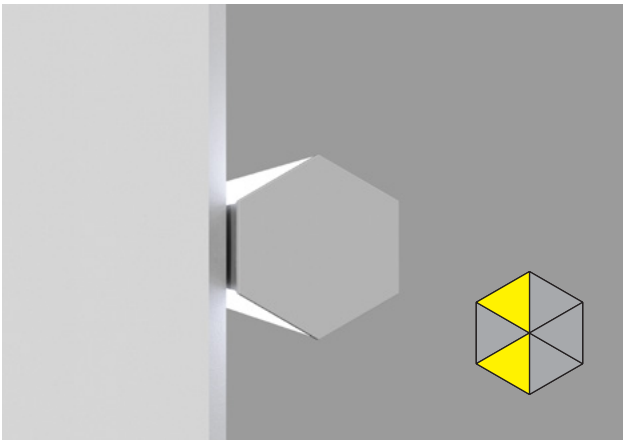
HEX2WI - wall with 2 indirect cells



HEX2WASYA - wall with 2 cells asymmetric A



HEX2WD - wall with 2 direct cells



HEX2WASYB - wall with 2 cells asymmetric B

2018 PROGRESS Report SELECTION

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HEX LED

WALL

5 YEARS WARRANTY

LUMENWERX
WWW.LUMENWERX.COM

DESCRIPTION

Hex is the distinctive and flexible six-sided luminaire for creative designs. Hex Wall mounts vertically or horizontally with four cell configurations. 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. HEX wall mounts directly a 2" wide outlet box and is ADA compliant.

PROJECT: _____

TYPE: _____

NOTES: _____

ORDER GUIDE

up to 135 lm/w performance

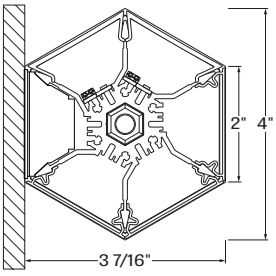
	HLO	LED			
LUMINAIRE ID	**OPTICS**	**LIGHT SOURCE**	**CRI**	**LUMEN PACKAGES**	**COLOR TEMP.**
HEX2WI - Hex wall 2 cell indirect **HEX2WD** - Hex wall 2 cell direct **HEX2WASYA** - Hex wall 2 cells asymmetric A **HEX2WASYB** - Hex wall 2 cells asymmetric B	**HLO** - High-Efficiency Lambertian Optic	**LED** - high performance LED	**80** - 80CRI **90** - 90CRI	**500** - min. low output 500lm/ft **750** - medium output 750lm/ft **1000** - high output 1000lm/ft	**27** - 2700k **30** - 3000k **35** - 3500k **40** - 4000k

LUMINAIRE LENGTH	VOLTAGE	DRIVER	ELECTRICAL	FINISH
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 **LTEA2W** - Lutron 1% - 2 wire FF 120V **LDE1** - Lutron Hi-lume 1% Eco **LDE5** - Lutron 5% EcoSystem	**1** - 1 circuit **2** - 2 circuit **+#EM** - emergency light circuit (please consult factory) **+#NL** - night light circuit	**W** - matte white **AL** - aluminum **B** - matte black **CF#** - custom finish specify RAL#

See page 3 for ordering code detailed information

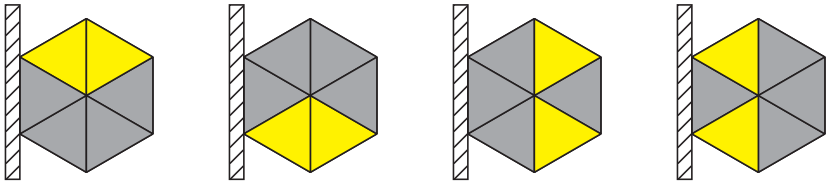
OPTIONS
FU - fuse **CU** - custom

CROSS SECTION



HEX2WI - wall

DISTRIBUTION



HEX2WI **HEX2WD** **HEX2WASYA** **HEX2WASYB**

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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

DIRECT DISTRIBUTION HEX2WD - 2 cells direct

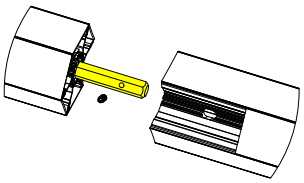
LED output	Color Temp	Watts	Nominal Delivered Lumens	Efficacy LPW
low output	4000K	15	2000	135
medium output	4000K	22.5	3000	132
high output	4000K	31	4000	130

ASYMETRIC DISTRIBUTIONS HEX2WASYA - 2 cells asymmetric A

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

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 Wall 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 may be horizontally or verticly mounted directly to the wall. For long runs, a minimum of 6" from adjacent walls is required.

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
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.

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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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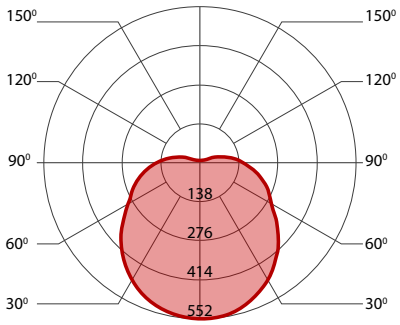
SINGLE DISTRIBUTION - HEX2WD - 2 CELLS DIRECT

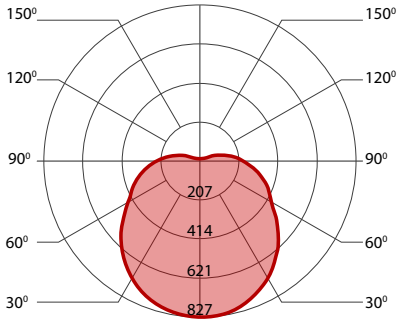
500 LUMEN AT 80CRI - LOW OUTPUT



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

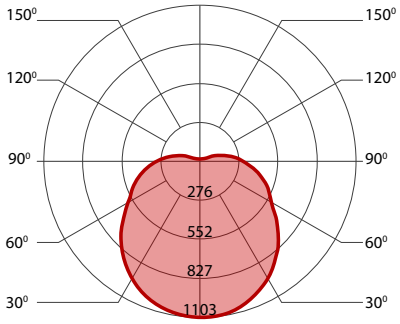
750 LUMEN AT 80CRI - MEDIUM OUTPUT



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

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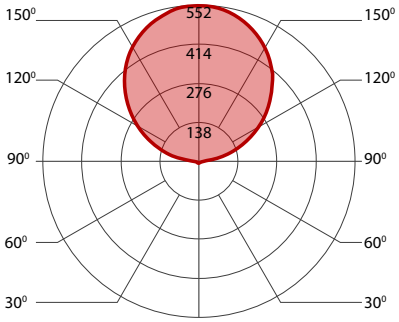
SINGLE DISTRIBUTION - HEX2WI - 2 CELLS INDIRECT

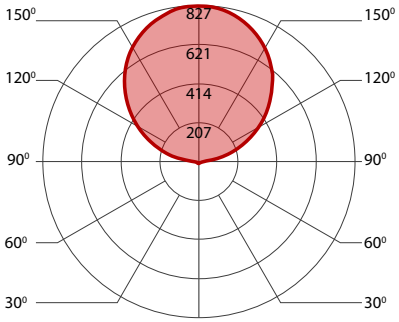
500 LUMEN AT 80CRI - LOW OUTPUT



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

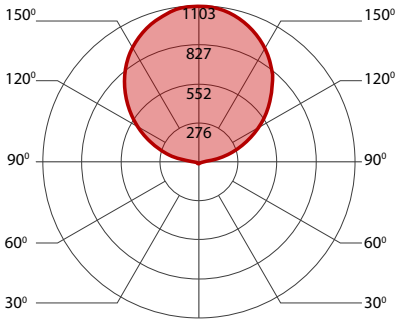
750 LUMEN AT 80CRI - MEDIUM OUTPUT



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

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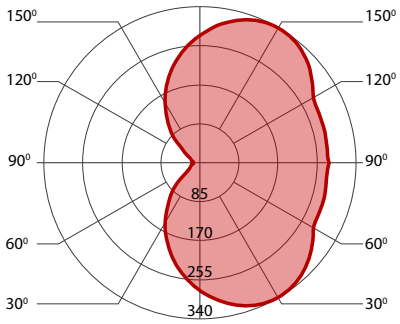
MULTIPLE DISTRIBUTION - HEX2WASYA - 2 CELLS ASYMMETRIC A

500 LUMEN AT 80CRI - LOW OUTPUT



PERFORMANCE PER 4'

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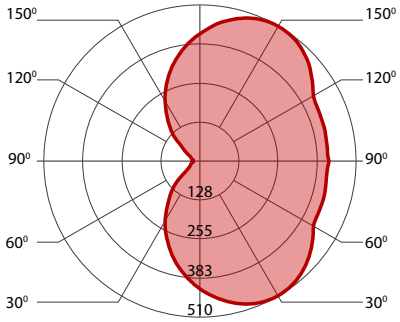
low output	2700K	17	2000	118
low output	3000K	15.5	2000	128
low output	3500K	15.5	2000	131
low output	4000K	15	2000	135

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
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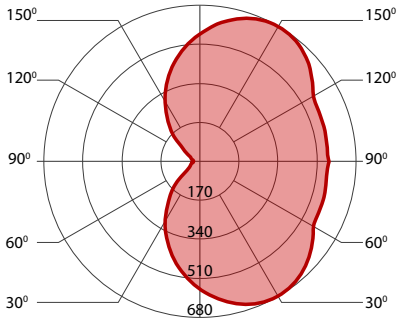

PERFORMANCE PER 4'

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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

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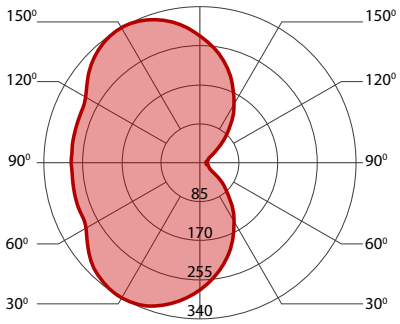
MULTIPLE DISTRIBUTION - HEX2WASYB - 2 CELLS ASYMMETRIC B

500 LUMEN AT 80CRI - LOW OUTPUT



PERFORMANCE PER 4'

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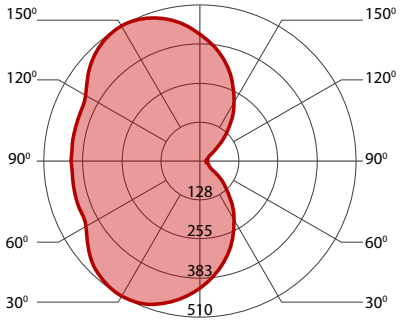
low output	2700K	17	2000	118
low output	3000K	15.5	2000	128
low output	3500K	15.5	2000	131
low output	4000K	15	2000	135

750 LUMEN AT 80CRI - MEDIUM OUTPUT



PERFORMANCE PER 4'

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medium output	2700K	25	3000	120
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medium output	3500K	23.5	3000	128
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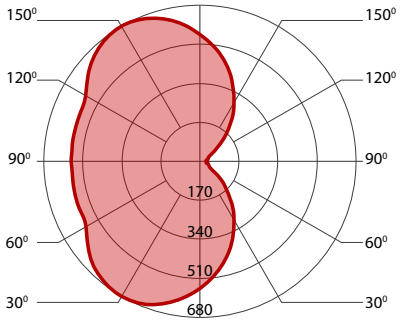
1000 LUMEN AT 80CRI - HIGH OUTPUT



PERFORMANCE PER 4'

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