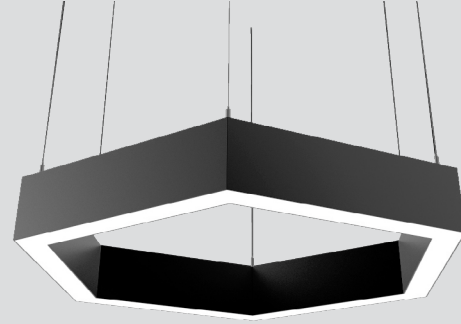




# VECTOR™ HEX PENDANT

Ambient Linear LED

Client: \_\_\_\_\_ Order #: \_\_\_\_\_  
Project Name: \_\_\_\_\_ Type: \_\_\_\_\_ Qty: \_\_\_\_\_



### Performance Data

#### CRI

95 min with R9 of 69 or better

#### CCT

2700K, 3000K, 3500K, 4000K,  
5 Channel Color Tuning

#### Projected Lifetime

240,000 Hours (L80);  
110,000 Hours (L90)

#### Dimming

0-10V dimming standard

#### Operating Temperature

-30°C to +55°C (-22°F to +131°F)

#### ETL Listed

Approved for dry and damp  
locations



### Description

The Vector Hex is a 2 7/16" wide ambient linear architectural luminaire. Featuring a slim profile and robust construction, it provides a bold, design-driven lighting solution for modern offices, themed public areas, laboratories, libraries, and other indoor spaces. The Hex is available in standard widths of 4', 5', and 7' (measured edge to edge) with a range of lumen packages and color temperatures available, including 5-Channel Color Tuning.

### Features

#### PERFORMANCE

- Selected by IES for the 2017 Progress Report
- Up to 1200 lm/ft direct, 1,400 lm/ft indirect at 4000K

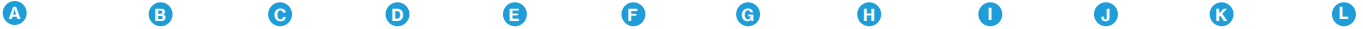
#### PHYSICAL

- Profile Dimensions: 2.44" wide x 5" high
- End Caps: Die cast aluminum with powder coat finish

- Housing: Extruded Aluminum with powder coat finish
- Direct Lens: Extruded Satin Acrylic
- Indirect Lens: Extruded clear Acrylic
- Light Engine: Aluminum core LED board mounted to a white extruded chassis with integral driver and quick electrical disconnects for rapid tool-less servicing

## HX2P

## U



### Ordering Information

#### A FIXTURE SERIES

HX2P Vector Hex 2 Pendant

#### B DISTRIBUTION

I Direct/Indirect  
D Direct

#### C WIDTH

4 4'  
5 5'  
7 7'

#### D OUTPUT DOWN

L 7.5W/ft  
M 10W/ft  
H 15W/ft

#### E OUTPUT UP\*

L 7.5W/ft  
M 10W/ft  
H 15W/ft

#### F CCT DOWN

27	2700K
30	3000K
35	3500K
40	4000K
5W	5 Channel Color Tuning <sup>1</sup>

#### G CCT UP\*

27	2700K
30	3000K
35	3500K
40	4000K
5W	5 Channel Color Tuning <sup>1</sup>

#### H VOLTAGE

U 120-277V

#### I MOUNTING STYLE

C Cable in Corner  
M Monopoint

#### J CABLE LENGTH

A	24" Cable
B	48" Cable
D	60" Cable
F	72" Cable
G	96" Cable

#### K FINISH<sup>2</sup>

W	Textured White
S	Textured Silver
B	Textured Black
C	Textured Custom Colors

#### L OPTIONS

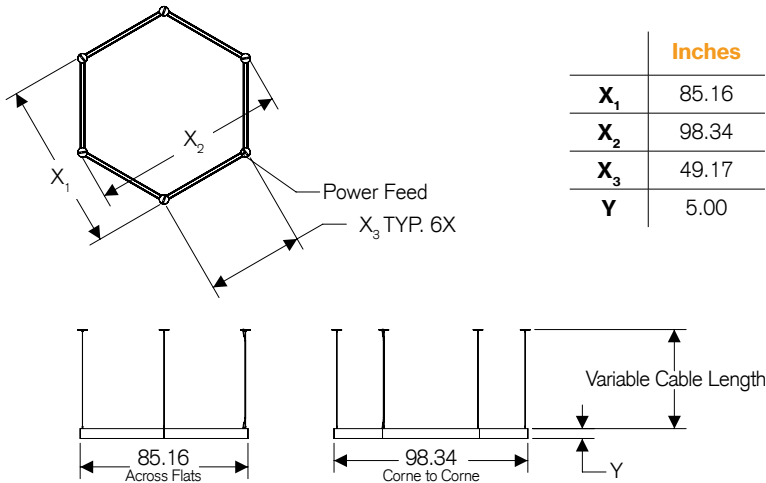
DC	Dual Circuit for Up/Down*
E	Emergency
T	Daylight Sensor
U	Occupancy Sensor
V	Daylight/Occupancy Sensor
VW0	Lutron Vive System Enabled Fixture (External RF only) Standard 0-10V X% Driver (also available with FCJS-ECO module for ES1, ES5 options)
VWS0	Lutron Vive System Enabled Fixture (External RF w/Occ & Daylight Sensor) Standard 0-10V X% Driver (also available with FCJS-ECO module for ES1, ES5 options)
ES1	Lutron LDE1 Series EcoSystem 1% Dimming with Soft On Fade to Black
ES5	Lutron LDE5 Series EcoSystem 5% Dimming

\*Only available when direct/indirect distribution is selected

<sup>1</sup>5 Channel Color Tuning only available at High Output setting. Controlled using DMX system (provided by customer or other vendor)

<sup>2</sup>All finishes are textured unless specified otherwise by the customer

**Dimensions**



**Lutron Options**

**VW0** Lutron Vive System Enabled Fixture(External RF only) Standard 0-10V X% Driver

**VWS0** Lutron Vive Wireless Fixture (External RF w/Occ & Daylight Sensor) Standard DALI X% Driver

**ES1** EcoSystem digital control, Hi-lume 1% EcoSystem LED driver with Soft-on, Fade-to- Black. Ideal for conference rooms, restaurants, lobbies, ballrooms, and lecture halls. Benefits include: All benefits of the ES5 series plus beautiful, smooth flicker-free dimming down to 1% and a Soft-on, Fade-to- Black™ feature, which provides an incandescent-like experience when transitioning from off to 1% and vice versa.

**ES5** ES5 - EcoSystem digital control, 5-Series EcoSystem LED driver. Flicker-free dimming from 100% to 5%.

Lutron Vive Lighting Control System (applies to VW0 and VWS0 options)

Lutron Vive is a revolutionary wireless lighting control solution for new and existing commercial buildings, combining a variety of lighting control strategies with controls and sensors to maximize efficiency and system flexibility. A Lutron Vive lighting control solution can reduce energy consumption by 60% or more by employing the following strategies:

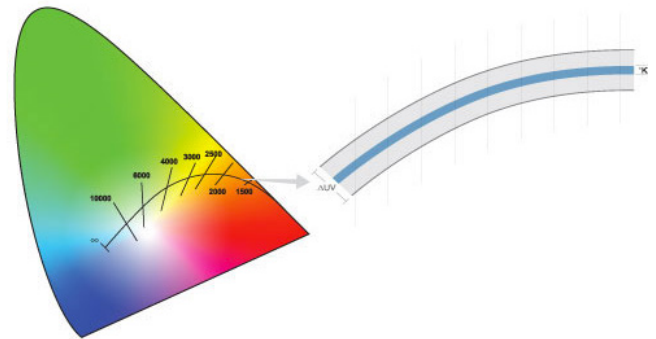
- Occupancy/vacancy sensing turns lights on when occupants are in a space and off when they vacate the space.
- Daylight harvesting dims electric lights when daylight is available to light the space.
- Scheduling provides pre-programmed changes in light levels based on time of day.
- Demand response automatically reduces lighting loads during peak electricity usage times.
- Plug load control automatically turns off loads after occupants leave a space.
- Personal dimming control gives occupants the ability to adjust the light level.
- HVAC integration controls heating,ventilation, and air conditioning systems through contact closure, or BACnet protocol.
- System Optimization Service from Lutron identifies important lighting control adjustments to save additional energy and create a more productive work environment on an ongoing basis.
- High-end trim sets the maximum light level based on customer requirements in each space.



**5 Channel Color Tuning**

The benefits of Deco Spectrum™ include:

- Perfectly natural white light.
- On-Planckian tuning from 1650K to 8000K.
- Dimming from 100% to 1% while maintaining CCT, or variable CCT from 3050K down to 1800K to match traditional incandescent or MR-16 lamp dimming
- Industry-leading color rendering (Ra) greater than 90, throughout the tuning range.
- Gamut control for unlimited control and customization of lighting design using the Saturation and Hue controls.
- Consistent color of 2 SDCM about the Planckian Curve over the life of the module.



### Five-Channel Tuning

The number of control channels deployed in a color tuning system impacts the quality of the light and consistency of color. It also affects the color tuning range, the level of gamut control and the efficacy of the solution.

Deco Spectrum™ mixes five different colors of high brightness, broad spectrum LEDs – none of which are white – to deliver light that is 2 MacAdam ellipses about the Planckian curve at 90+ CRI across the tuning range.

The result: light that accurately depicts – across the full tuning range – the object's color as compared to its color in true sunlight.

