

# Avenue® 6

LED



corrugated regressed trim

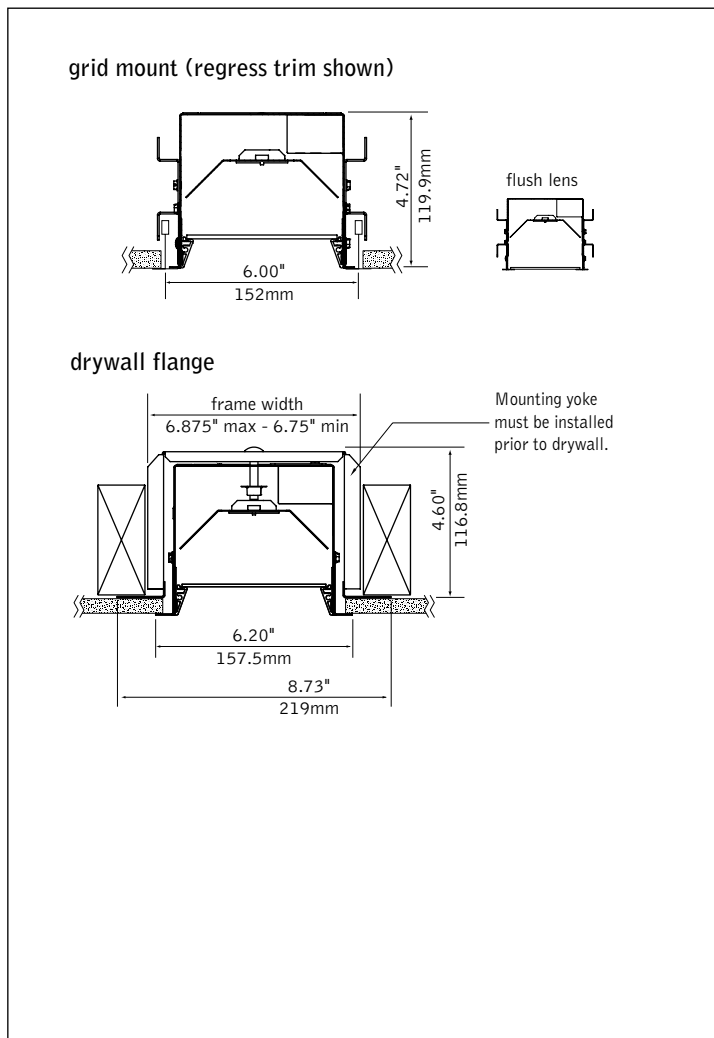


solid regressed trim



flush lens

## DIMENSIONAL DATA



## FEATURES

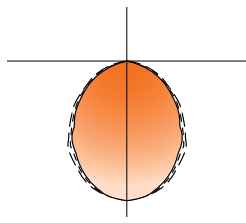
Avenue® 6 LED is designed to function with specialty 6" ceiling systems, standard grid or drywall.

Shielding options include corrugated or solid regressed trim or flush lens.

Avenue® 6 LED provides an integrated lighting solution that complements the ceiling and entire space while providing comfortable general illumination.

Connected Solutions: Integrates with wired and wireless building lighting control systems.

## PERFORMANCE



**PRODUCT OVERVIEW**

Lumen Output: 1500-4000lm

Wattage: 16-48W

LPW: 83-93

SDCM: 3

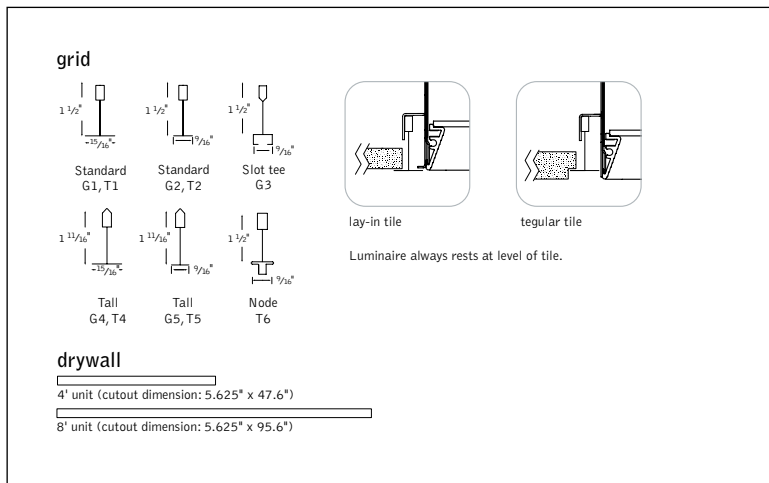
625 Lumens per foot  
4' Housing with Flush Lens

**Delivered Lumens: 2500lm**

**Total System Watts: 87W**

Photometric performance is measured in accordance with IESNA LM-79. Visit focalpointlights.com for complete photometric data.

**MOUNTING INFORMATION**



**SPECIFICATIONS**

**LED System**

Proprietary linear LED module incorporates premium LEDs on a robust platform to achieve excellent thermal management. LEDs are placed to promote a uniform appearance. Available in 3000K, 3500K or 4000K with CRI>80, 3SDCM. LED modules and drivers are replaceable from below.

**Construction**

One-piece 20 Ga. steel housing. Thermally protected housing for new construction applications without direct contact with insulation. Insulation to be kept 3" away from housing. Corrugated and solid regressed trim constructed of 6063-T5 extruded aluminum finished in Matte Satin White. 20 Ga. steel, universal flange rail finished in Matte Satin White. Positional brackets supplied as standard. 4' unit weight: 15 lbs.

**Optic**

22 Ga. steel reflectors finished in High Reflectance White powder coat. Acrylic lens diffuser .118" thick, frosted clear.

**Electrical**

Thru-wiring not available.

**Emergency Battery**

Bodine BSL310-CAN. Emergency output - 10 watts for 90 minutes. Maximum mounting height: 20ft.

**Labels**

UL and cUL Listed. Suitable for Dry or Damp Locations, indoor use only.

**Finish**

Polyester powder coat applied over a multi-stage pre-treatment.

**Lumen Maintenance**

Reported: L70 at >60,000 hours      Calculated: L70 at 68,000 hours  
L90 at 21,000 hours                      L90 at 21,000 hours  
Derived from EPA TM-21 calculator. Based on typical conditions, consult factory for additional data.

**Reliability**

At Focal Point, our products are designed to stand the test of time. Each luminaire is engineered using superior components, manufactured with the utmost care and rigorously tested. Contact us for reliability data.

**Warranty**

LED system rated for operation in ambient environments up to 25°C. 5-year limited warranty.

**4' PERFORMANCE CHART**

Shielding	Lumen Output	Delivered Lumens	System Watts	LPW
Flush Lens	375LF	1500	16	93
	625LF	2500	29	87
	875LF	3500	42	84
	1000LF	4000	48	83

Based on 3500K. Lumen output may vary +/- 5%. Actual wattage may vary +/- 5%. SR multiplier = 1.3

Focal Point LLC reserves the right to change specifications for product improvement without notification.

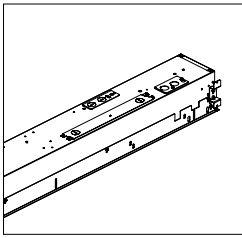
**ORDERING**

		FAV6L
<b>Luminaire Series</b>		
Avenue 6 LED	FAV6L	
<b>Shielding</b>		
Corrugated Regressed Trim Frst.Lns	CR	
Solid Regressed Trim Frosted Lens	SR	
Flush Frosted Lens	FL	
<b>LED Output</b>		
375 Lumens per foot	375LF	
625 Lumens per foot	625LF	
875 Lumens per foot	875LF	
1000 Lumens per foot	1000LF	
<b>Color Temperature</b>		
3000K	30K	
3500K	35K	
4000K	40K	
<b>Circuits</b>		<b>1C</b>
Single Circuit	1C	
<b>Voltage</b>		<b>UNV</b>
120/277 UNV Volt	UNV	
<b>Control System &amp; Dimming Level</b>		
0-10V - 1% Dimming	L11	
0-10V - 10% Dimming	LD1	
Lutron Hi-Lume EcoSystem (LDE1) - 1% Dimming	LH1	
Lutron 5-Series EcoSystem (LDE5) - 5% Dimming	LU5	
Step Dimming	SD5	
Acuity nLight - 1% Dimming (Not available with Chicago Plenum)	NLT1	
Enlighted Smart Sensor - 1% Dimming	ENL1	
Osram Connected Lighting Module - 1% Dimming (Compatible with Daintree Networks & Osram ENCELUM and ENCELUM EDGE systems)	CLM1	
Wattstopper DLM - 1% Dimming	DLM1	
<b>Ceiling Configurations</b>		
Drywall Flange (Not available with CLM1, DLM1 or ENL1)	F	
Std. 15/16" Lay-in	G1	
Std. 15/16" Tegular	T1	
Std. 9/16" Lay-in	G2	
Std. 9/16" Tegular	T2	
9/16" Slot-tee Tegular	G3	
Tall 15/16" Lay-in	G4	
Tall 15/16" Tegular	T4	
Tall 9/16" Lay-in	G5	
Tall 9/16" Tegular	T5	
Node 9/16" Tegular (For TechZone™ compatible luminaires see Avenue 6 TechZone)	T6	
<b>Factory Options</b>		
Chicago Plenum	CP	
Emergency Battery (DLM1 and ENL1 8' length only)	EM	
6' New York City Flex Whip (120V)	FN11	
6' New York City Flex Whip (277V)	FN12	
6' Flex Whip	FW	
<b>Finish</b>		<b>WH</b>
Matte White Housing	WH	
<b>Luminaire Length</b>		
4' Nominal Housing	4'	
8' Nominal Housing	8'	



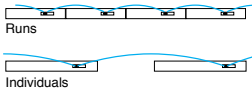
Options in orange qualify for the Quickship program. 10-day up to 100 pieces. Refer to Quickship Guide for complete details.

Focal Point provides flexibility in meeting the needs of each project by integrating with several building lighting control systems. A variety of sensors, drivers and other components can be specified that allow the luminaires to communicate with wired and wireless networks. All zoning can be digitally reconfigured through the application software. Daylight harvesting, occupancy sensing, integration with HVAC systems, and individual controls enable the monitoring and modulating of light levels and temperature in order to save energy, reduce costs and maximize occupants' comfort. All Connected Solutions luminaires require a compatible building control system.†

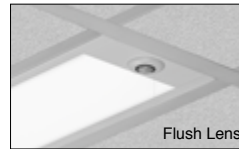


nLight® provides a two-way wired digital lighting system allowing for on/off and dimming functionality, occupancy sensing, and multi-zone daylight harvesting.

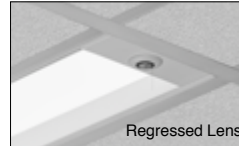
Acuity nLight - 1% Dimming (NLT1)  
Acuity Model #nEPS-60-IO



CAT-5 Cable provided by others. Serial labels will be provided on outside of luminaires and control unit.



Flush Lens

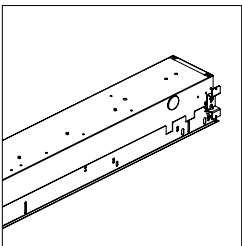


Regressed Lens



Enlighted smart sensor allows for occupancy sensing, daylight harvesting, energy usage, temperature and light level control. Communicates wirelessly with the Enlighted network.

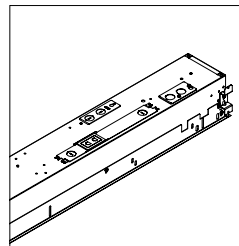
Enlighted Smart Sensor - 1% Dimming (ENL1)  
Enlighted Model #SU-4E-01



Connected Lighting Module (CLM) enables each luminaire to be independently controlled and configured. Communicates wirelessly with Daintree Networks®, Osram ENCELIUM®, Osram ENCELIUM EDGE™, and other networks using the ZigBee® HA communication protocol to allow for on/off and dimming functionality, occupancy sensing and multi-zone daylight harvesting.

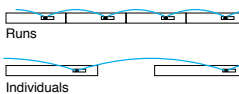
Osram CLM - 1% Dimming (CLM1)  
Osram Model #ZBHA-CLM DIM

Serial labels will be provided on outside of luminaires and control unit.

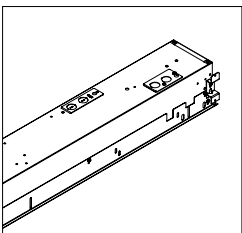


A Digital Lighting Management (DLM) system that provides two-way wired communication between networked luminaires and control system to allow for on/off and dimming functionality, occupancy sensing and multi-zone daylight harvesting.

Wattstopper DLM - 1% Dimming (DLM1)  
Wattstopper Model #LMFC-011

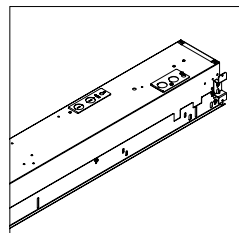


CAT-5 Cable provided by others. Serial labels will be provided on outside of luminaires and control unit.



A two-way digital network that enables on/off and dimming functionality, occupancy sensing, and multi-zone daylight harvesting working with Quantum®, Energi Savr Node™, and Energi TriPak™ using EcoSystem® communication protocol.

Lutron Hi-Lume EcoSystem - 1% Dimming (LH1)  
Lutron Model #LDE1  
Lutron 5-Series EcoSystem - 5% Dimming (LU5)  
Lutron Model #LDE5



A two-way digital network that enables on/off and dimming functionality, occupancy sensing, and multi-zone daylight harvesting. Communicates with Züm wireless and SpaceBuilder working with Züm hub scheduling or FUSION management.

0-10V - 1% Dimming (L11)  
*Note: 0-10V is not a digital network but is compatible with Creston Züm™ system.*

## CONNECTED SOLUTIONS DETAILS

Connected Solution	Model #	Protocol	Compatible Networks*	Occupancy	Daylight	Temperature Reporting	Communication to Luminaire	Drivers
Acuity nLight (NLT1)	nEPS-60-IO**	nLight	nLight	Enabled	Enabled	No	Wired	<b>eldoLED ECOdrive</b> , eldoLED SOLOdrive
Crestron (L11)	Specified Driver	0-10V	Crestron Züm Wireless & SpaceBuilder	Enabled	Enabled	No	Wired	<b>Philips Xitanium</b>
Enlighted Smart Sensor (ENL1)	SU-4E-01**	Enlighted RF	Enlighted	Integrated	Integrated	Yes	Wireless	<b>Osram Optotronic</b> , Philips SimpleSet
Legrand Wattstopper DLM (DLM1)	LMFC-011**	DLM	DLM	Enabled	Enabled	No	Wired	<b>Osram Optotronic</b> , Philips SimpleSet
Lutron EcoSystem (LH1 & LU5)	LDE1,** LDE5**	EcoSystem	Quantum, Energi Savr Node, Energi TriPak	Enabled	Enabled	No	Wired	<b>Lutron Hi-Lume</b> <b>Lutron 5-Series</b>
Osram CLM (CLM1)	ZBHA-CLM**	ZigBee HA	Osram ENCELIUM & ENCELIUM EDGE, Daintree Networks	Enabled	Enabled	No	Wireless	<b>Osram Optotronic</b>

\*Not all compatible networks may be listed. \*\*For performance data and additional control system details please visit the connected solutions manufacturer websites. Primary drivers are listed in bold. To specify a particular driver please consult factory. †Controls systems supplied by others.