Avenue® 6

LED FOR TECHZONE™ CEILING SYSTEMS

FOCAL POINT®

corrugated
regressed trim

solid
regressed trim

flush lens

Armstrong®
CEILING & WALL SOLUTIONS

DIMENSIONAL DATA

regress trim

4.72"
119.9mm

flush lens

6.00"
152mm
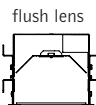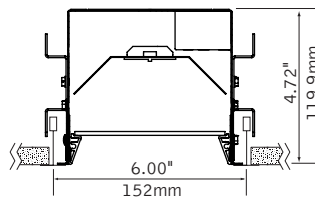
FEATURES

Integrates with TechZone™ Ceiling Systems for a clean, unobtrusive aesthetic.

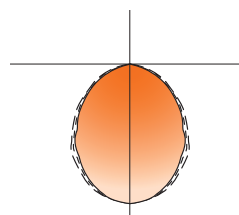Shielding options include corrugated or solid regressed trim or flush lens.

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

625 Lumens per foot
4' Housing with Flush Lens

Delivered Lumens: 2500lm

Total System Watts: 34W

PRODUCT OVERVIEW

Lumen Output:	1500-4000lm
Wattage:	19-56W
LPW:	71-79
SDCM:	3

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

MOUNTING INFORMATION

grid

1 1/2"
9/16"

9/16" Silhouette®
G3TZ

1 11/16"
15/16"

15/16" Prelude®
G4TZ, T4TZ

1 11/16"
9/16"

9/16" Suprafine®
T5TZ

1 1/2"
9/16"

9/16" Interlude®
T6TZ

lay-in tile   tegular tile

Luminaire always rests at level of tile.
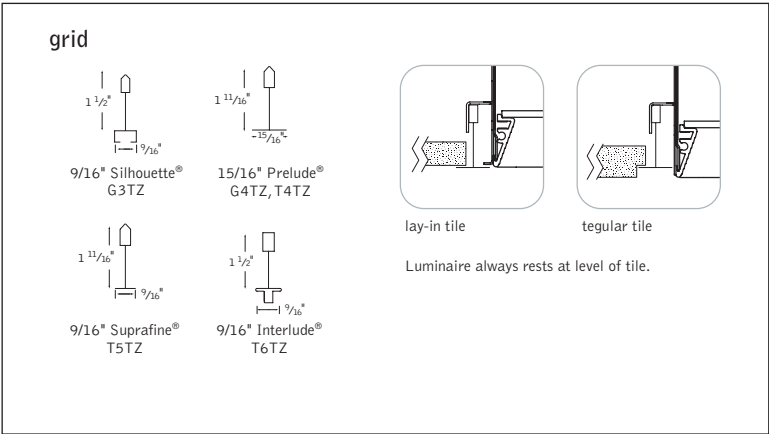
SPECIFICATIONS

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 2700K, 3000K, 3500K or 4000K with CRI>80 or CRI>90, 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

Emergency Battery output - 10 watts for 90 minutes. Maximum mounting height 20ft. Emergency Circuit with Connected Solutions (NLT1, ENL1, CLM1, DLM1) shipped standard with leads to connect UL924 compliant device, by others.

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 > 60,000 hours   Calculated: L70 at > 68,000 hours
          L90 > 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	19	79
	625LF	2500	34	74
	875LF	3500	49	71
	1000LF	4000	56	71

Based on 3500K, 80 CRI, 4' lengths. Lumen Multipliers: Solid Regressed Trim (SR) = 1.3, 90+ CRI = 0.87.
Lumen output may vary +/- 5%. Actual wattage may vary +/- 5%.

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

ORDERING

Luminaire Series		**FAV6L**
Avenue 6 LED	FAV6L	
Shielding		_____
Corrugated Regressed Trim Frst.Lns	CR	
Solid Regressed Trim Frosted Lens	SR	
Flush Frosted Lens	FL	
LED Output		_____
375 Lumens per foot	375LF	
625 Lumens per foot	625LF	
875 Lumens per foot	875LF	
1000 Lumens per foot	1000LF	
Color Temperature		_____
2700K, 80+ CRI **or** 90+ CRI	27K **or** 927K	
3000K, 80+ CRI **or** 90+ CRI	30K **or** 930K	
3500K, 80+ CRI **or** 90+ CRI	35K **or** 935K	
4000K, 80+ CRI **or** 90+ CRI	40K **or** 940K	
Circuits		**1C**
Single Circuit	1C	
Voltage		**UNV**
120/277 UNV Volt	UNV	
Control System & Dimming Level		_____
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 ENCELIUM and ENCELIUM EDGE systems)	CLM1	
Wattstopper DLM - 1% Dimming	DLM1	
TechZone™ Ceiling System Configurations		_____
9/16" Silhouette Slot-tee Tegular	G3TZ	
15/16" Prelude Lay-in	G4TZ	
15/16" Prelude Tegular	T4TZ	
9/16" Suprafine Tegular	T5TZ	
9/16" Interlude Node Tegular	T6TZ	
Factory Options		_____
Chicago Plenum	CP	_____
Emergency Battery Pack (DLM1 and ENL1 8' length only)	EM	_____
6' New York City Flex Whip (120V)	FNY1	_____
6' New York City Flex Whip (277V)	FNY2	_____
6' Flex Whip	FW	_____
Finish		**WH**
Matte White Housing	WH	
Luminaire Length		**4'**
4' Nominal Housing	4'	

QS 10 DAY*

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

For more information visit focalpointlights.com/reference or consult factory.

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.†
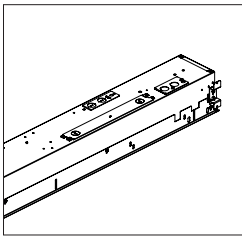
nLIGHT

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

Runs

Individuals

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

enlighted™
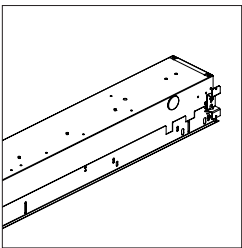A Siemens Company
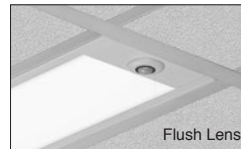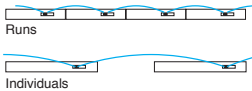
Flush Lens
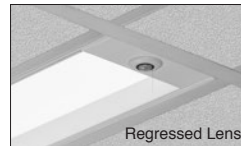
Regressed Lens

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-5E-IOT

OSRAM

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.

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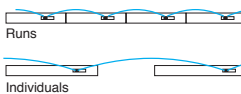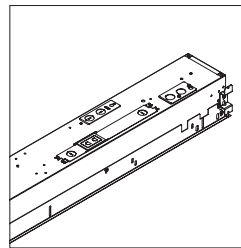
A Digital Lighting Management (DLM) system that provides two-way wired communication between networked luminaires and control system to allow for on/off and dimming functionality, occupancy sensing and multi-zone daylight harvesting.

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

Runs

Individuals

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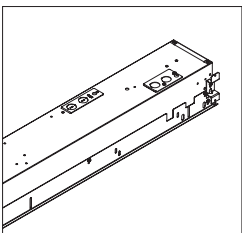
LUTRON®

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
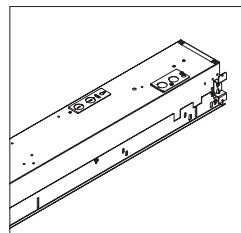
CRESTRON®

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

0-10V - 1% Dimming (L11)
Note: 0-10V is not a digital network but is compatible with Creston Zūm™ 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	**eldoLED ECOdrive,** eldoLED SOLOdrive
Crestron (L11)	Specified Driver	0-10V	Crestron Zūm Wireless & SpaceBuilder	Enabled	Enabled	No	Wired	**Advance by Signify**
Enlighted Smart Sensor (ENL1)	SU-5E-IOT**	Enlighted RF	Enlighted	Integrated	Integrated	Yes	Wireless	**Osram Optotronic,** Advance by Signify
Legrand Wattstopper DLM (DLM1)	LMFC-011**	DLM	DLM	Enabled	Enabled	No	Wired	**Osram Optotronic,** Advance by Signify
Lutron EcoSystem (LH1 & LU5)	LDE1,** LDE5**	EcoSystem	Quantum, Energi Savr Node, Energi TriPak	Enabled	Enabled	No	Wired	**Lutron Hi-Lume Lutron 5-Series**
Osram CLM (CLM1)	ZBHA-CLM**	ZigBee HA	Osram ENCELIUM & ENCELIUM EDGE, Daintree Networks	Enabled	Enabled	No	Wireless	**Osram Optotronic**

*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.