Avenue® 6

LED

FOCAL POINT®

corrugated regress trim

solid regress trim

flush lens

DIMENSIONAL DATA

grid mount (regress trim shown)

4.72" / 119.9mm

6.00" / 152mm

flush lens

drywall flange

frame width
6.875" max - 6.75" min

Mounting yoke must be installed prior to drywall.

4.60" / 116.8mm

6.20" / 157.5mm

8.73" / 219mm
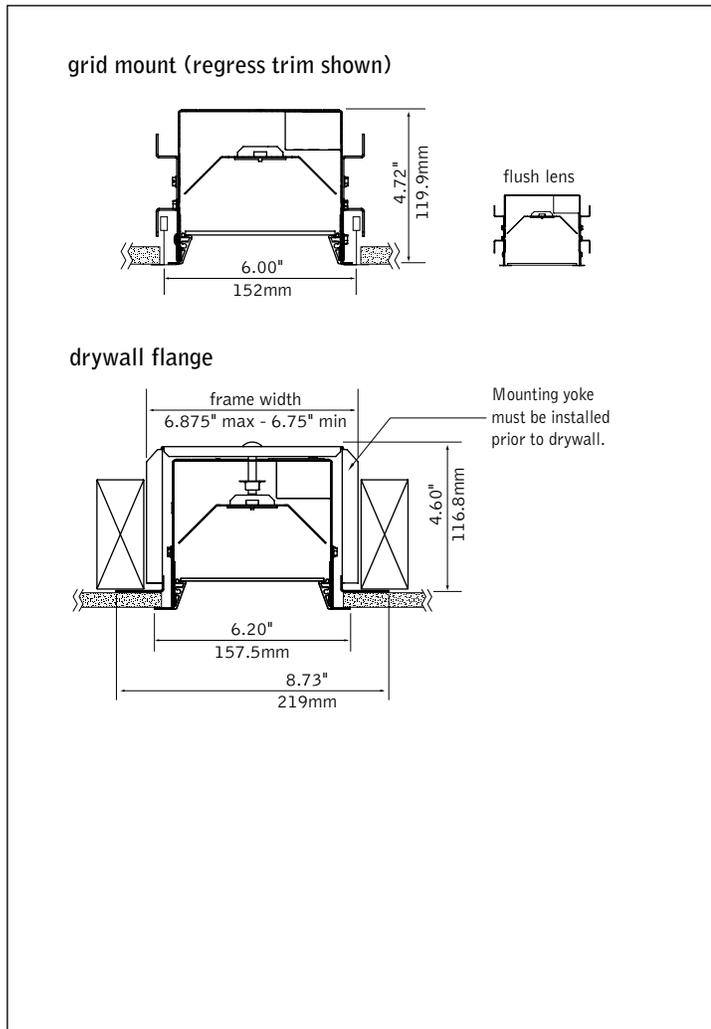
FEATURES

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
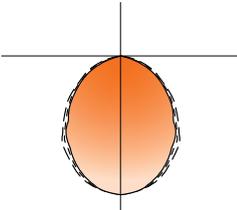
PRODUCT OVERVIEW

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

grid

1 1/2"   —15/16"—
Standard
G1, T1

1 1/2"   9/16"
Standard
G2, T2

1 1/2"   9/16"
Slot tee
G3

1 11/16"   —15/16"—
Tall
G4, T4

1 11/16"   9/16"
Tall
G5, T5

1 1/2"   9/16"
Node
T6

lay-in tile

tegular tile

Luminaire always rests at level of tile.

drywall

4' unit (cutout dimension: 5.625" x 47.6")

8' unit (cutout dimension: 5.625" x 95.6")
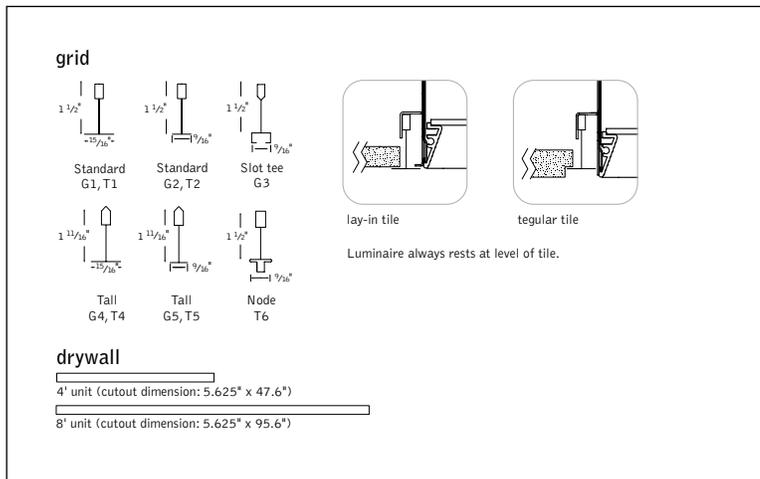
SPECIFICATIONS

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 regress 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

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		_____
3000K	30K	
3500K	35K	
4000K	40K	
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	
(875 & 1000 Lumens 4' housing only)		
Lutron 5-Series EcoSystem (LDE5) - 5% Dimming	LU5	
(875 & 1000 Lumens 4' housing only)		
Step Dimming	SD5	
Enlighted Smart Sensor - 1% Dimming	ENL1	
Wattstopper DLM - 1% Dimming	DLM1	
Ceiling Configurations		_____
Drywall Flange	F	
(Not available with CLM1, DLM1 or ENL1)		
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	T6	
Factory Options		
Chicago Plenum	CP	_____
Emergency Battery	EM	_____
(DLM1 and ENL1 8' length only)		
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' Nominal Housing	4'	
8' Nominal Housing	8'	

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.

CONNECTED SOLUTIONS

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.

enlighted

Flush Lens

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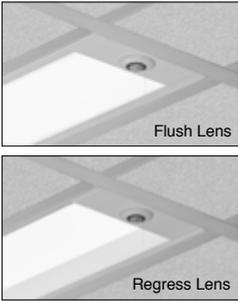
Enlighted smart sensor allows for occupancy sensing, daylight harvesting, energy usage, temperature and light level control. Communicates wirelessly with the Enlighted network.

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

legrand® WATTSTOPPER®

Runs

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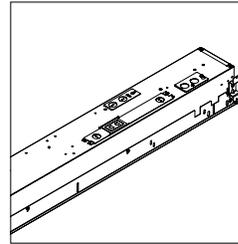
A Digital Lighting Management (DLM) system that provides two-way wired communication between networked luminaires and control system to allow for on/off and dimming functionality, occupancy sensing and multi-zone daylight harvesting.

Wattstopper DLM - 1% Dimming (DLM1)
Wattstopper Model #LMFC-011
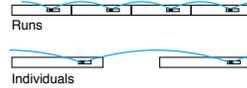
CAT-5 Cable provided by others. Serial labels will be provided on outside of luminaires and control unit.
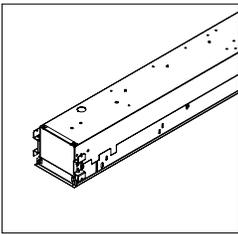
LUTRON®

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

CONNECTED SOLUTIONS DETAILS

Connected Solution	Model #	Protocol	Compatible Networks*	Occupancy	Daylight	Temperature Reporting	Communication to Luminaire	Drivers
Enlighted Smart Sensor (ENL1)	SU-4E-01**	Enlighted RF	Enlighted	Integrated	Integrated	Yes	Wireless	**Philips SimpleSet**, Osram Optotronic
Legrand Wattstopper DLM (DLM1)	LMFC-011**	DLM	DLM	Enabled	Enabled	No	Wired	**Philips SimpleSet**, Osram Optotronic
Lutron EcoSystem (LH1 & LU5)	LDE1;** LDE5**	EcoSystem	Quantum, Energi Savr Node, Energi TriPak	Enabled	Enabled	No	Wired	**Lutron Hi-Lume** **Lutron 5-Series**

*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.

Avenue®6

LED - FLUSH LENS

FAV6-FL-625LF-35K-LD1-G3-WH

Filename: FAV6LFL625LF35K.IES

Lumens: 2555lm
System Watts: 29W
LPW: 88

CANDLEPOWER DISTRIBUTION
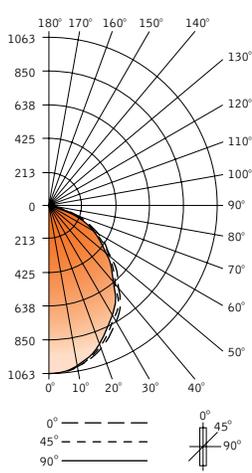
Vertical Angle	Horizontal Angle				
	0°	22.5°	45°	67.5°	90°
0°	1063	1063	1063	1063	1063
5°	1089	1057	1057	1055	1055
15°	1001	1000	994	988	988
25°	902	899	886	874	868
35°	786	778	763	746	739
45°	612	604	589	572	569
55°	446	436	424	415	407
65°	293	287	279-	271	270
75°	141	141	136	134	132
85°	31	31	31	31	31
90°	0	0	0	0	0
95°	0	0	0	0	0
105°	0	0	0	0	0
115°	0	0	0	0	0
125°	0	0	0	0	0
135°	0	0	0	0	0
145°	0	0	0	0	0
155°	0	0	0	0	0
165°	0	0	0	0	0
175°	0	0	0	0	0
180°	0	0	0	0	0

LUMEN SUMMARY

	Zone	Lumens	% Fixture
	0-30°	788	30.8
	0-40°	1259	49.3
	0-60°	2094	82.0
	0-90°	2555	100.0
Total Luminaire	0-180°	**2555**	**100.0**

LUMINANCE DATA (CD/M²)

Vertical Angle	0°	45°	90°
45°	6905	6650	6425
55°	6199	5903	5663
65°	5526	5274	5099
75°	4347	4183	4060
85°	2801	2801	2801

Go to www.focalpointlights.com for additional photometric data.

Avenue®6

LED - SOLID REGRESSED TRIM

FAV6-SR-625LF-35K-LD1-F-WH

Filename: FAV6LSR625LF35K.IES

Lumens: 3322lm
System Watts: 29W
LPW: 115

CANDLEPOWER DISTRIBUTION
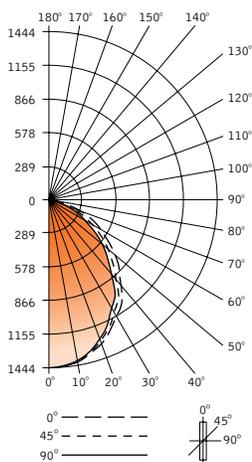
Vertical Angle	Horizontal Angle				
	0°	22.5°	45°	67.5°	90°
0°	1444	1444	1444	1444	1444
5°	1440	1435	1735	1433	1433
15°	1362	1361	1356	1351	1348
25°	1236	1232	1216	1191	1181
35°	1081	1069	1032	995	978
45°	852	833	780	731	715
55°	622	594	540	490	473
65°	408	380	326	284	271
75°	200	175	135	113	107
85°	44	28	24	24	24
90°	0	0	0	0	0
95°	0	0	0	0	0
105°	0	0	0	0	0
115°	0	0	0	0	0
125°	0	0	0	0	0
135°	0	0	0	0	0
145°	0	0	0	0	0
155°	0	0	0	0	0
165°	0	0	0	0	0
175°	0	0	0	0	0
180°	0	0	0	0	0

LUMEN SUMMARY

	Zone	Lumens	% Fixture
	0-30°	1076	32.4
	0-40°	1712	51.6
	0-60°	2801	84.3
	0-90°	3322	100.0
Total Luminaire	0-180°	**3322**	**100.0**

LUMINANCE DATA (CD/M²)

Vertical Angle	0°	45°	90°
45°	8355	7644	7011
55°	7520	6530	5712
65°	6692	5349	4444
75°	5358	3628	2869
85°	3508	1879	1879

Go to www.focalpointlights.com for additional photometric data.