

Avenue® 6

LED FOR TECHZONE™ CEILING SYSTEMS



corrugated regressed trim



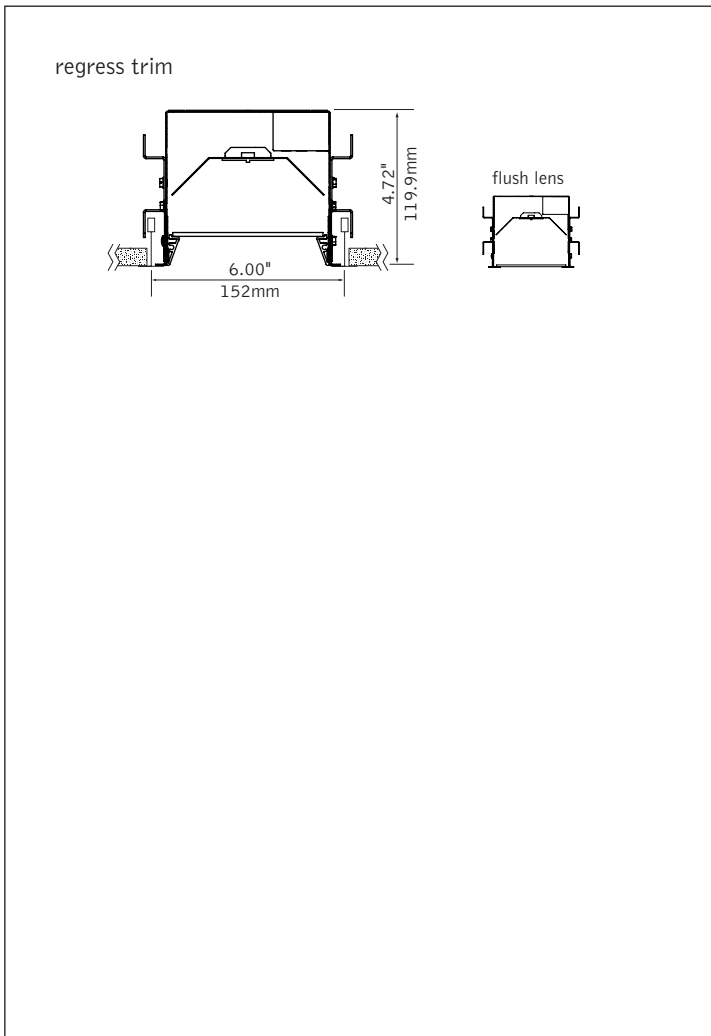
solid regressed trim



flush lens



DIMENSIONAL DATA



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

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

625 Lumens per foot
4' Housing with Flush Lens

Delivered Lumens: 2500lm

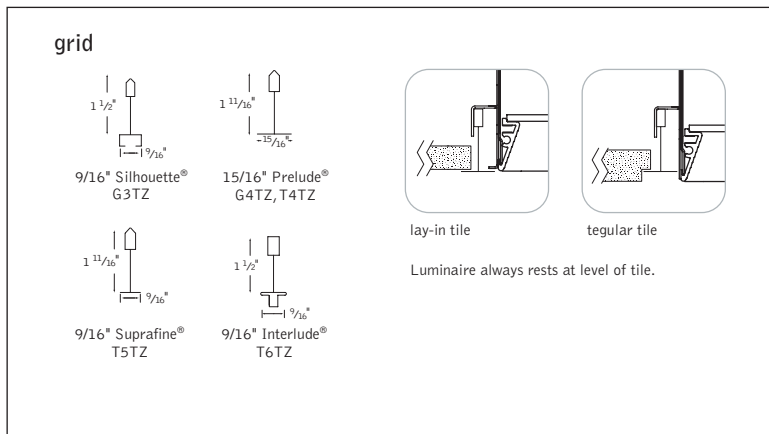
Total System Watts: 34W

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

fixture:

project:

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 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 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 > 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%.

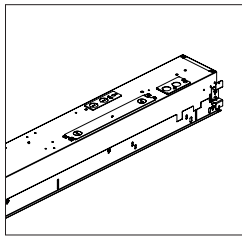
ORDERING

| | |
|--|--------------|
| 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 for ENCELUM systems - 1% Dimming (Compatible with Osram ENCELUM and ENCELUM EDGE systems only) | CLM1 |
| Osram Connected Lighting Module for ZigBee Wireless Networks - 1% Dimming (Not compatible with Osram ENCELUM systems) | CLMZ1 |
| 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' |



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

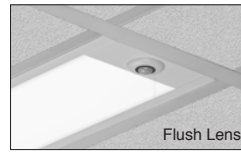
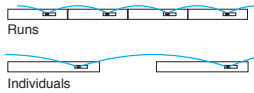
Focal Point provides flexibility in meeting the needs of each project by integrating with several building lighting control systems. A variety of sensors, drivers and other components can be specified that allow the luminaires to communicate with wired and wireless networks. All zoning can be digitally 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.†



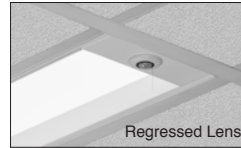
nLight® provides a two-way wired digital lighting system allowing for on/off and dimming functionality, occupancy sensing, and multi-zone daylight harvesting.

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

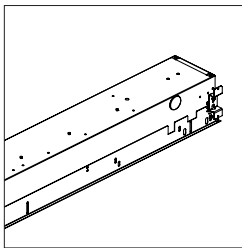


Regressed Lens



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

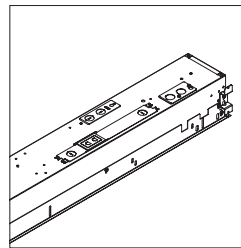
Enlighted Smart Sensor - 1% Dimming (ENL1)
Enlighted Model #SU-4E-01



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 & CLMZ1)
Osram Model #ZBHA-CLM DIM

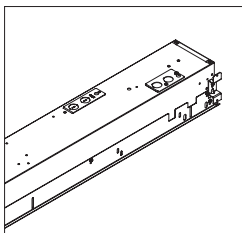
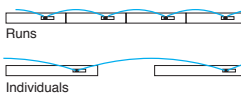
Serial labels will be provided on outside of luminaires and control unit.



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.

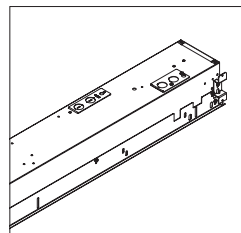
Wattstopper DLM - 1% Dimming (DLM1)
Wattstopper Model #LMFC-011

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 | eldoLED ECOdrive , eldoLED SOLOdrive |
| Crestron (L11) | Specified Driver | 0-10V | Crestron Züm Wireless & SpaceBuilder | Enabled | Enabled | No | Wired | Philips Xitanium |
| Enlighted Smart Sensor (ENL1) | SU-4E-01** | Enlighted RF | Enlighted | Integrated | Integrated | Yes | Wireless | Osram Optotronic , Philips SimpleSet |
| Legrand Wattstopper DLM (DLM1) | LMFC-011** | DLM | DLM | Enabled | Enabled | No | Wired | Osram Optotronic , Philips SimpleSet |
| 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 for ENCELIUM systems (CLM1) | ZBHA-CLM** | ZigBee HA | Osram ENCELIUM & ENCELIUM EDGE | Enabled | Enabled | No | Wireless | Osram Optotronic |
| Osram CLM for ZigBee Wireless Networks (CLMZ1) | ZBHA-CLM** | ZigBee HA | Daintree Networks & open ZigBee 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.