# LITECONTROL
## making light work™
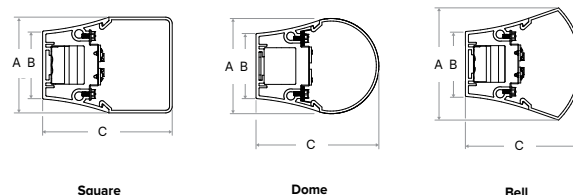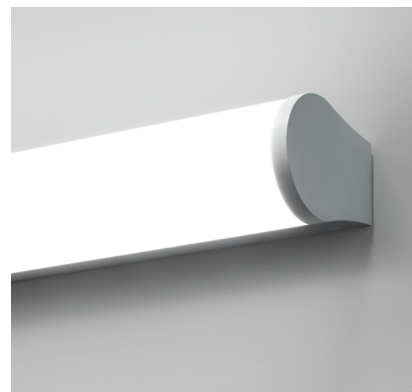
# 67L-W-D
## NOTE LED WALL DIRECT

## FEATURES

- Variable Intensity technology provides a range of specifiable outputs and resulting fixture wattages
- 2 SDCM color consistency
- Up to 127 LPW efficacy
- Output range from 550 to 2000 lumens/ft
- Removable Lens for ease of accessibility and installation

**VI**   **BAA**   **TAA**

## CONTROLS TECHNOLOGY

NX CONNECT   NX WIRED   NX WIRELESS   SpectraSync™ Color Tuning Technology

## SERVICE PROGRAM

**QS10**

Square     Dome     Bell

|   | Square | Dome | Bell |
|---|---|---|---|
| **A** | 3" / 76.2 mm | 3" / 76.2 mm | 3.5" / 88.9 mm |
| **B** | 2" / 50.8 mm | 2" / 50.8 mm | 2" / 50.8 mm |
| **C** | 3.94" / 100.1 mm | 3.88" / 98.4 mm | 3.69" / 93.7 mm |

|   | Weight |
|---|---|
| **67L-W-D** | 2 lbs/ft |

## SPECIFICATIONS

### CONSTRUCTION
- Fixture housing: extruded aluminum
- End caps: die cast aluminum
- Lens: acrylic

### OPTICAL PERFORMANCE
- 2 SDCM color consistency, 80 or 90 CRI

### INSTALLATION
- Installs with anchor screws (by others) for mounting directly to surface with 2x4 junction box
- A 2x4 junction box cover ships separately
- Each row joining uses #8-32 machine screws/nuts for pulling the fixture flush at the end header location
- Lenses ship installed
- End caps must be installed on site

### ELECTRICAL
- 1C (1 Circuit) fixture wired for a single circuit
- Lens, LED Boards and drivers can be accessed and removed from installed fixture
- LED Boards can be replaced as part of a module
- Variable Intensity (VI) technology allows precise specification of fixture output/ wattage. Fixture will be programmed and labeled to specification.
- NX Lighting Controls provides options for standalone and networked integrated sensor with wired or wireless connectivity for NX system deployments

### CERTIFICATIONS
- CSA listed for damp location
- ADA Compliant
- This product meets federal procurement law requirements under the Buy American Act (FAR 52.225-9) and Trade Agreements Act (FAR 52.225-11). See Buy America(n) Solutions.
- Emergency Battery Backup options are California Energy Commission (CEC) Title 20 Compliant.

### WARRANTY
- LED boards - 5 years
- LED drivers (standard) - 5 years
- LED drivers (Lutron) - 3 years

| KEY DATA | |
|---|---|
| Lumen Range Per Foot | 550–2000 |
| Wattage Range Per Foot | 4.2–15.7 |
| Efficacy Range (LPW) | 118–134 |
| Rated Life (Hours) | L70: >61,000 L90: >61,000 |

## Current

# LITECONTROL
## making light work™

## 67L-W-D
### NOTE LED WALL DIRECT

DATE:     LOCATION:

TYPE:     PROJECT:

CATALOG #:

Gray Highlighting = 10-Day Quick Ship Program   **QS10**

## ORDERING GUIDE

**Example:** 67L-W-D-8-8-DM-C1-35K-D150-D01-1C-UNV-FA1

**CATALOG #**

| 67L | — | | — | | — | | — | | — | | — | | — | |
|-----|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Series** | | **Mounting** | | **Fixture Distribution** | | **Row Length (In Feet)** [1] | | **Max Length In Row** | | **Lens Type** | | **Finish/Color** [2] | |
| 67L   Note | | W   Wall | | D   Direct | | __'   Enter in foot increments [1] | | 2   2', 610mm | | DM   Dome | | C1   Matte White (Default) | |
| | | | | | | | | 3   3', 914mm | | BL   Bell | | C2   Textured, Matte White | |
| | | | | | | | | 4   4', 1219mm | | SQ   Square | | C3   Light Silver | |
| | | | | | | | | 6   6', 1829mm | | | | C4   Machined Aluminum | |
| | | | | | | | | 8   8', 2438mm | | | | C5   Carbon Black | |
| | | | | | | | | | | | | C6   Textured, Camera Black | |
| | | | | | | | | | | | | CC   Custom Color | |

| **Color Temperature** | | **Output/ft** [4] | | **Driver** | | **Circuiting** | | **Voltage** | |
|-----------------------|---|-------------------|---|------------|---|----------------|---|-------------|---|
| 27K   2700K | | D055   550 (min) | | D01   1% Dimming, 0–10V | | 1C   1 Circuit | | UNV   Universal Voltage (120V –277V) | |
| 30K   3000K | |        to | | D00   1% Dim-to-Off, 0–10V | | | | 347   347 Volt [8] | |
| 35K   3500K | | D200   2000 (max) | | D05   SpectraSync 5% Dimming, 0–10V [7] | | | | | |
| 40K   4000K | | | | DS1   1% Dimming w/ Soft Start, 0–10V | | | | | |
| 50K   5000K [3] | | | | DS0   1% Dim-to-Off w/ Soft Start, 0–10V | | | | | |
| 27K9   2700K, 90 CRI | | | | LEC   Hi-lume 1% Ecosystem LED Driver | | | | | |
| 30K9   3000K, 90 CRI | | | | DALI   DALI [3] | | | | | |
| 35K9   3500K, 90 CRI | | | | DALIP   Powered by DALI (2.0) [3] | | | | | |
| 40K9   4000K, 90 CRI | | | | NDM   Non-Dimming | | | | | |
| 50K9   5000K, 90 CRI [3] | | | | | | | | | |
| 2230TD   2200K–3000K SpectraSync™ Dim-to-Warm [6] | | | | | | | | | |
| 2750T   2700K–5000K SpectraSync™ Tunable White [6] | | | | | | | | | |
| 2765T   2700K–6500K SpectraSync™ Tunable White [6] | | | | | | | | | |

## OPTIONAL

| **Nightlight** | | **Emergency** | | **Thru-wiring** | |
|----------------|---|---------------|---|-----------------|---|
| NL   Nightlight Circuit Required. Enter quantity. 2NL = 2 nightlight circuits/row | | EF   10W Emergency Battery Pack (CEC Title 20 Compliant) [5, 9] | | W1   No Thru Wire | |
| | | | | W2   Provide Normal and Emergency/Nightlight Thru Wiring [10] | |
| | | | | W3   Provide Normal Thru Wiring Only | |

### Control Options [3]

**NX Networked – Wireless**

| NXWRM | NX Networked Wireless Enabled Integral NXSMP2-LMI PIR Occupancy Sensor with Automatic Dimming Photocell and Bluetooth® Programming [11, 12] |
|-------|---|
| NXW | NX Networked Wireless Radio Module NXRM2 and Bluetooth® Programming, without Sensor [11, 12] |

**NX Networked – Wired**

| NXE | NX Wired Dual RJ45 SmartPORTS, without Sensor [11, 12] |
|-----|---|
| NXERM | NX Wired Dual RJ45 SmartPORTS and Integral NXSMP2-LMI PIR Occupancy Sensor with Automatic Dimming Photocell and Bluetooth® Programming [11, 12] |

**Sensors**

| SD1 | Daylight Sensor Required |
|-----|---|
| SO4 | Occupancy Sensor Required |

### Notes:

1. 200' max for 10 Day Quick Ship orders.
2. Visit currentlighting.com/litecontrol for details.
3. Additional lead time may be applicable. Contact factory.
4. Specifiable in 50 lumen increments. Reference the Performance Data Table for full performance offering and exceptions.
5. Some configurations may require drawings for approval.
6. *Must be ordered with D05 Driver option; excludes 2' and 3' lengths; excludes D160-D200 output options.
7. Must be ordered with 2230TD, 2750T or 2765T option.
8. Excludes Emergency Battery Pack Option and D05, DALI, DALIP and Lutron (LEC) Dimming Drivers.
9. Excludes 2' and 3' lengths and D160-D200 Driver options. To determine the lumen output in emergency mode, multiply the battery pack wattage by the fixture lumens per watt (LPW). For example: 10W x XXX LPW = XXX lumens in emergency mode.
10. Only applicable when specified with Emergency/Nightlight.

**NX In-Fixture Control Options:**

11. Not available for row mounting. Only available with 0–10V Driver options. Contact factory for Length restrictions.
12. Refer to NX Integrated Controls Reference Table for Functionality of Options.

## Current ⊙

**currentlighting.com/litecontrol**

| DATE: | LOCATION: |
|---|---|
| TYPE: | PROJECT: |
| CATALOG #: | |

# 67L-W-D
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## CONTROLS OPTIONS AND FUNCTIONALITY

NX LIGHTING CONTROLS™

| | Control Option Ordering Logic & Description | | | Control Option Functionality | | | | | | | | | | Control Option Components |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Sensor | Networkable | Grouping | Scheduling | Occupancy/ Motion | Daylight Harvesting | 0–10V Dimming | On/Off Control | Bluetooth® App Programming | Sensor Height | | |
| NX Wired | NXE | NX Wired Dual RJ45 SmartPORTS, without Sensor | N/A | ✓ | ✓ | ✓ | – | – | ✓ | ✓ | Requires NXBTC dongle¹ | – | | NXDSP |
| NX Wired | NXERM | NX Wired Dual RJ45 SmartPORTS and Integral NXSMP2-LMI PIR Occupancy Sensor with Automatic Dimming Photocell and Bluetooth® Programming | NXSMP2-LMI | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | Max: 12' | | NXSMP2-LMI  NXDSP |
| NX Wireless | NXWRM | NX Networked Wireless Enabled Integral NXSMP2-LMI PIR Occupancy Sensor with Automatic Dimming Photocell and Bluetooth® Programming | NXSMP2-LMI | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | Max: 12' | | NXSMP2-LMI |
| NX Wireless | NXW | NX Networked Wireless Radio Module NXRM2 and Bluetooth® Programming, without Sensor | N/A | ✓ | ✓ | ✓ | – | – | ✓ | ✓ | ✓ | – | | NXRM2-H |

1   NXBTC needs to be plugged into an available NX SmartPort™ on the fixture network

### SpectraSync™ Color Tuning Technology:
Control your space based on the needs of the application, specific activities throughout the day and preferences of the occupants with distinct SpectraSync™ Color Tuning Technologies.

SpectraSync
Color Tuning Technology

| SPECTRASYNC™ COLOR TUNING TECHNOLOGY | | |
|---|---|---|
| Mode | Kelvin Range | Description |
| Dim to Warm | 2200K–3000K | Mimics the familiar warming effect that occurs with traditional incandescent sources as they are dimmed |
| Tunable White | 2700K–5000K  2700K–6500K | Offers users the ability to tailor CCT to their personal preference, enhancing task visibility, material and colors or the aesthetics of the space |
| Scheduled White | 2700K–5000K  2700K–6500K | Mimics the rhythm of natural light or follows an alternative user-defined schedule throughout the day, enhancing an occupant's mood and well-being |

### CONTROLS TECHNICAL SUPPORT

1-800-888-8006 (7:00 am–7:00 pm est)

### APP INFORMATION

**NX Lighting Controls App**

The NX Lighting Controls App is a free to use mobile application for programming both an NX Lighting Controls System or Standalone Bluetooth Sensors. The mobile app allows you to configure devices, discover and setup wireless enabled luminaires and program your NX system settings.

Android          Apple iOS

**NX Connect App**

The NX Connect mobile App is a free to use mobile application for programming a NX Connect System. The mobile App allows you to discover, configure and share your NX Connect system.
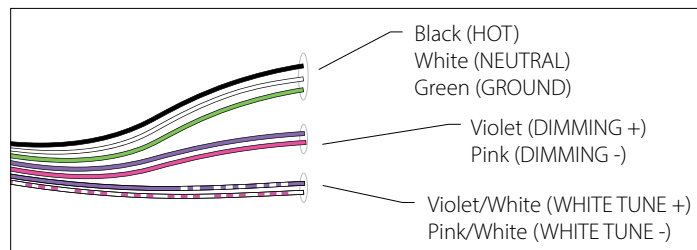
Apple iOS

Current ⊙

**currentlighting.com/litecontrol**

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## CONTROLS OPTIONS AND FUNCTIONALITY (CONTINUED)

### SpectraSync Tunable White
Available in two options: 2750T (2700K–5000K) or 2765T (2700K–6500K).
Requires two 0–10V controllers, one for intensity and one for CCT.
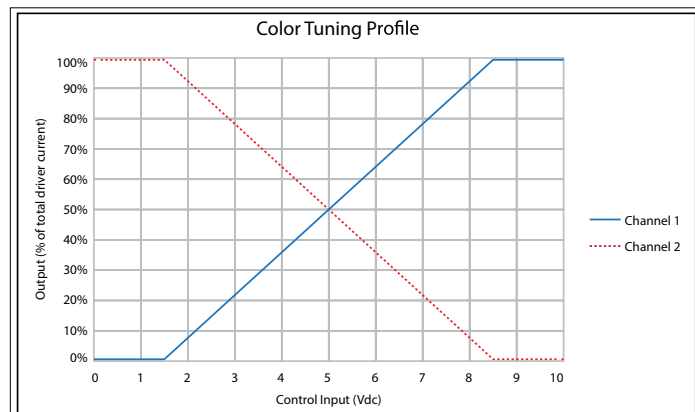Minimum 5% dimming.



Black (HOT)
White (NEUTRAL)
Green (GROUND)

Violet (DIMMING +)
Pink (DIMMING -)

Violet/White (WHITE TUNE +)
Pink/White (WHITE TUNE -)

SpectraSync Tunable White luminaires are provided with two 0–10V circuits. The violet and pink circuit is for wiring to any qualified 0–10V controller for dimming. The violet/white and pink/white circuit is for wiring to any qualified 0–10V controller for Tunable White CCT control.

### Controller Manufacturer Data
SpectraSync Tunable White was designed to be used with sinking style dimmers (provided by others) and is compatible with:
- Current: NX Lighting Controls Room Controllers (NXRCFX2) and In-fixture Controllers (NXFM2)
- Lutron: DVTV, DVSTV, and NFTV dimmers
- Wattstopper: ADF120277 and CD4BL (Titan) dimmers



**Color Tuning Profile**

— Channel 1
···· Channel 2

Output (% of total driver current)

Control Input (Vdc)

## Current⊙

**67L-W-D**
NOTE LED WALL DIRECT

DATE:         LOCATION:

TYPE:         PROJECT:

CATALOG #:

## PERFORMANCE DATA TABLE

The table below shows the delivered lumens for the various lumen outputs. Use this chart in connection with the output multiplier capability to deliver any output required.

| Nomenclature | Lumens/Ft | W/Ft | Efficacy |
|---|---|---|---|
| D055 | 550 | 4.2 | 130 |
| D060 | 600 | 4.7 | 128 |
| D065 | 650 | 4.9 | 132 |
| D070 | 700 | 5.4 | 131 |
| D075 | 750 | 5.8 | 129 |
| D080 | 800 | 6.0 | 133 |
| D085 | 850 | 6.5 | 131 |
| D090 | 900 | 6.7 | 134 |
| D095 | 950 | 8.0 | 118 |
| D100 | 1000 | 8.5 | 118 |
| D105 | 1050 | 8.7 | 121 |
| D110 | 1100 | 8.9 | 123 |
| D115 | 1150 | 9.2 | 126 |
| D120 | 1200 | 9.4 | 128 |
| D125 | 1250 | 9.6 | 130 |
| D130 | 1300 | 9.8 | 132 |
| D135 | 1350 | 10.1 | 134 |
| D140 | 1400 | 10.6 | 132 |
| D145 | 1450 | 11.2 | 129 |
| D150 | 1500 | 11.6 | 129 |
| D155 | 1550 | 11.8 | 131 |
| D160 | 1600 | 12.5 | 128 |
| D165 | 1650 | 12.7 | 130 |
| D170 | 1700 | 13.6 | 125 |
| D175 | 1750 | 14.1 | 124 |
| D180 | 1800 | 14.3 | 126 |
| D185 | 1850 | 14.7 | 126 |
| D190 | 1900 | 15.0 | 127 |
| D195 | 1950 | 15.3 | 127 |
| D200 | 2000 | 15.7 | 128 |

(Data shown is for a Dome Lens fixture. Wattage may vary up to 5% from published)

Output Multiplier Table
Photometrics for the 67L are published here at a nominal 3500K temperature. This table may be used to approximate the lumen values at different Kelvin temperatures. Power consumption would stay the same.

| Option | 2700K | 3000K | 3500K | 4000K | 5000K | 2700K 90 CRI | 3000K 90 CRI | 3500K 90 CRI | 4000K 90 CRI | 5000K 90 CRI |
|---|---|---|---|---|---|---|---|---|---|---|
| Multiplier | 0.95 | 0.98 | 1.00 | 1.03 | 1.05 | 0.83 | 0.85 | 0.88 | 0.90 | 0.93 |

# 67L-W-D
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## DIMENSIONS

3.00"
(76.2mm)

2.00"
(50.8mm)

3.94"
(100.1mm)

**Square**

2.00"
(50.8mm)

3.00"
(76.2mm)

3.88"
(98.4mm)

**Dome**

3.50"
(88.9mm)

2.00"
(50.8mm)

3.69"
(93.7mm)

**Bell**

WALL REFERENCE

FIXTURE LENGTH
MINUS .75"

FIXTURE
LENGTH

FEED

.38"
TYP

AIRCRAFT
CABLE

AIRCRAFT
CABLE

AIRCRAFT
CABLE

AIRCRAFT
CABLE

AIRCRAFT
CABLE

EORL
(END OF ROW LEFT)

INT
(INTERMEDIATE)

INT
(INTERMEDIATE)

EORR
(END OF ROW RIGHT)

END CAP
⅜" THICKNESS

END CAP
⅜" THICKNESS
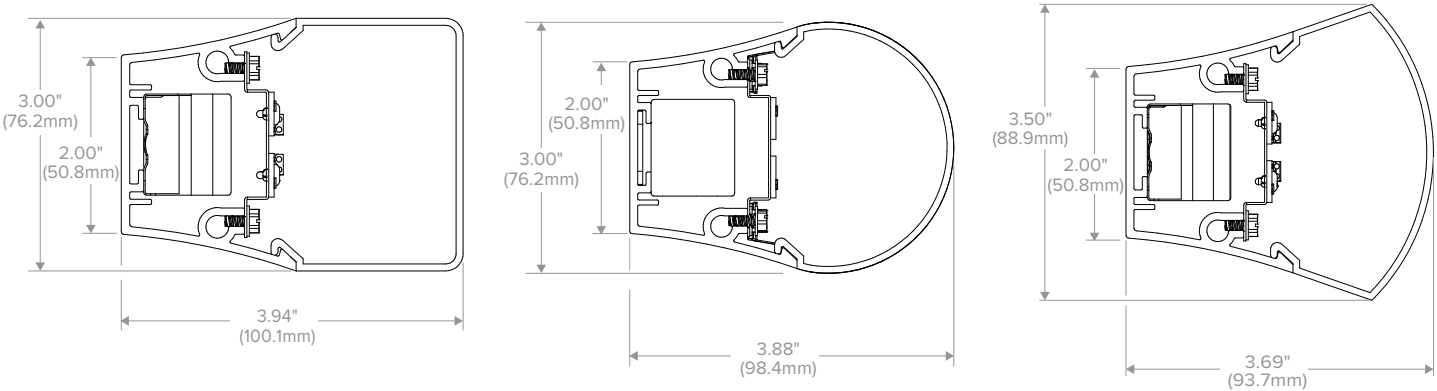
**Side View - Row Mounted**
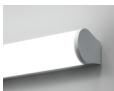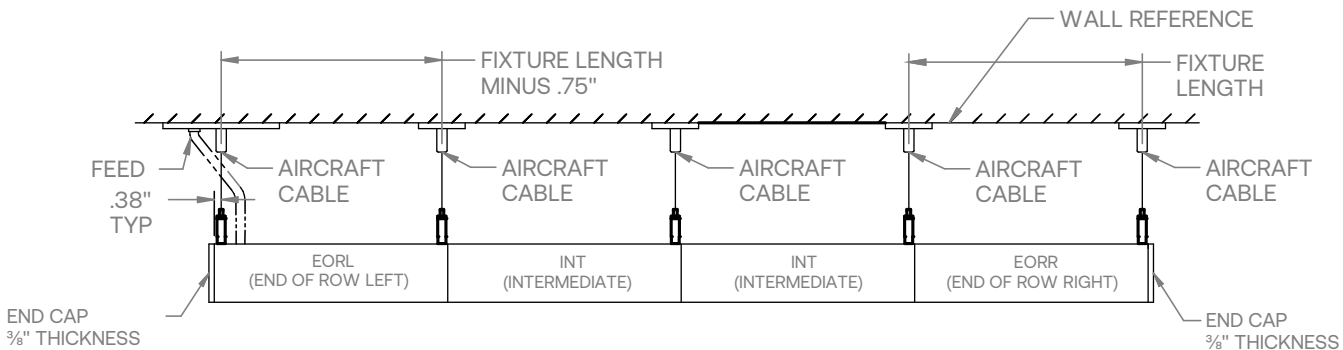
# 67L-W-D
## NOTE LED WALL DIRECT

## PHOTOMETRY

### 67L-W-D-4-4-DM-C1-35K-D060

#### LUMINAIRE DATA

| Test No. | R16.01696-01 |
|---|---|
| Description | 67L Note Dome Wall Direct |
| Delivered Lumens | 2404 |
| Watts | 17.9W |
| Efficacy | 134 |
| Mounting | Wall |

#### ZONAL LUMEN SUMMARY

| Zone | Lumens | % Luminaire |
|---|---|---|
| 0–40 | 270 | 11.2 |
| 0–60 | 606 | 25.2 |
| 0–90 | 1209 | 50.3 |
| 0–180 | 2404 | 100.0 |

#### POLAR GRAPH



——— Vertical Plane Through Horizontal Angles (180° - 0°)
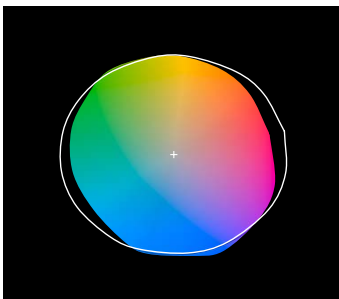— — — Vertical Plane Through Horizontal Angles (270° - 90°)
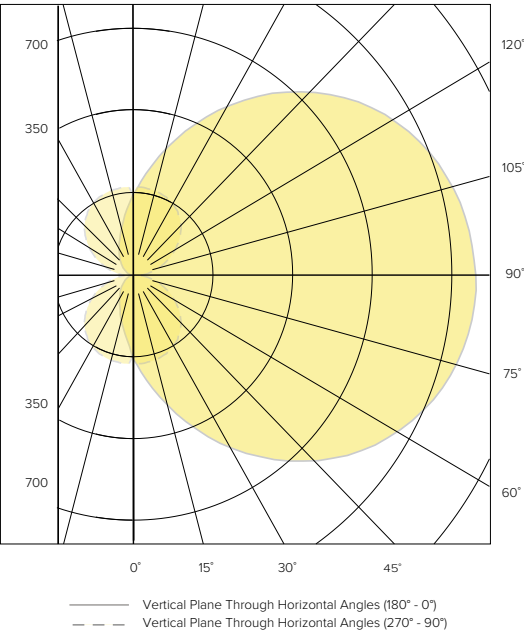
## TM-30 DATA

#### COLOR VECTOR GRAPHIC
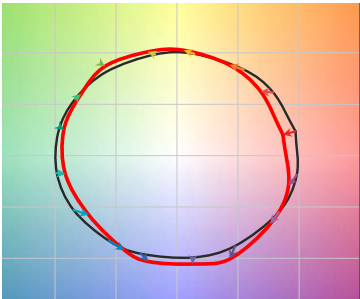


*Graphics shown are at 35K

——— Reference Illuminant    ——— Test Source

#### COLOR DISTORTION GRAPHIC



| TEST RESULTS - 3500K | |
|---|---|
| Value | 80+ CRI |
| CCT (K) | 3479 |
| CIE $R_a$ | 83 |
| $D_{UV}$ | -0.0009 |
| $R_f$ | 82 |
| $R_g$ | 98 |
| x | 0.4055 |
| y | 0.3888 |

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# 67L-W-D
NOTE LED WALL DIRECT

## ADDITIONAL INFORMATION

### Output (VI Technology)
Variable Intensity (VI) technology allows precise specification of fixture output/wattage. Fixture will be programmed and labeled to specification. See output section for available increments.
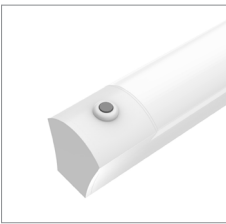
### Driver

| | |
|---|---|
| D01 | 100%–1% dimming range. Fixture will be wired for low voltage 0–10V dimming control. |
| D00 | Dim-to-Off 100%–1% dimming range. Fixture will be wired for low voltage 0–10V dimming control. |
| D05 | 100%–5% dimming range, Fixture will be wired for low voltage 0–10V dimming control. Only applicable if either 2230TD, 2750T or 2765T is selected. |
| DS1 | Soft-Start 100%–1% dimming range. Fixture will be wired for low voltage 0–10V dimming control. |
| DS0 | Soft-Start Dim-to-Off 100%–1% dimming range. Fixture will be wired for low voltage 0–10V dimming control. |
| LEC | Hi-Lume 1% EcoSystem LED Driver with Soft-On, Fade-to-Black dimming technology. |
| DALI | DALI compatible. |
| DALIP | Self-Powered DALI bus (e.g. DEXAL) |
| NDM | Non-dimming. Fixture will be wired for fixed light output. |

### Sensor

| | |
|---|---|
| SD1 | Daylight sensor (Wattstopper part #FD301). Installs on integrated sleeve. |
| SO4 | Occupancy sensor (Wattstopper part #FS205). Installs on integrated sleeve. |

See separate LC-Controls spec sheet for additional details.

### Rated Life
Test in accordance to the LM79-2008 and derived from EPA TM-21 calculator

L70: 257,000 (calculated per TM-21 extrapolated curve)

L70: >61,000 (reported per TM-21/LM80 6x's limitation)

L90: 66,000 (calculated per TM-21 extrapolated curve)

L90: >61,000 (reported per TM-21/LM80 6x's limitation)

### Fixture Weight
2 lbs/ft.

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