



# E420LED EURO SERIES



EPA  
0.94 (ft<sup>2</sup>)  
WEIGHT  
50 LBS

7 YEAR  
WARRANTY

LUMEN  
RANGE  
11,705 -  
3,695

LIFE  
SPAN  
L70  
UP TO  
100,000  
HOURS



CLICK  
FOR FAQ'S

RATED  
IP65

JOB NAME \_\_\_\_\_

FIXTURE TYPE \_\_\_\_\_

MEMO \_\_\_\_\_

## BUILD A PART NUMBER

ORDERING EXAMPLE: **2A-E420LED-21L45T5-MDL10-SV1-HSHS/CA6/3320P5/SCC/BKT**

Mounting Config.	Fixture	LED	CCT	Type	Driver	Lens	Option Control Receptacle	Option Control	Option Fuse	Option Hang-straight	Option House Side Shield	Arm <small>See Arm Spec Sheets</small>	Pole <small>See Pole Spec Sheets</small>	Finish

### Mounting Configuration

[\(Click here to view mounting configuration sheet\)](#)

- 1W
- 1A
- 2A
- 2A90
- 3A
- 3A90
- 4A
- 1AM
- 2AM
- SH28<sup>1</sup>
- CH28<sup>1</sup>

W = Wall Mount A = Arm Mount AM = Arm Mid-Mount  
SH = Stem Hung CH = Chain Hung

<sup>1</sup> Include overall drop length in inches after designation for Stem/Chain (IE: CH44-48").

### Fixture

- E420LED
- E420LED5M

### LED

- 16L
- 21L
- 28L

### CCT - Color Temperature (K)

- 27(00)
- 35(00)
- 45(00)

### Type

- T2
- T3
- T4
- T5

### Driver

- MDL10<sup>2</sup> (120v-277v, 1000mA)
- MDL14<sup>3</sup> (120v-277v, 1400mA)
- MDH10<sup>2</sup> (347v-480v, 1000mA)
- MDH14<sup>3</sup> (347v-480v, 1400mA)

<sup>2</sup> For use with 16L or 21L system.

<sup>3</sup> For use with 21L or 28L system.

### Lens

- FL (Flat Acrylic Lens)
- SG (Sag Glass)
- FSG (Frosted Sag Glass)
- SV1 (Flat Soft Vue Medium Diffused Acrylic)
- SV2 (Flat Soft Vue Heavy Diffused Acrylic)

### Options [\(Click here to view accessories sheet\)](#)

- R<sup>4</sup> 3-Pin control receptacle only
- R5<sup>4</sup> 5-Pin control receptacle only
- R7<sup>4</sup> 7-Pin control receptacle only
- PE<sup>5</sup> Twist-Lock Photocontrol (120v-277v)
- PE3<sup>5</sup> Twist-Lock Photocontrol (347v)
- PE4<sup>5</sup> Twist-Lock Photocontrol (480v)
- SC<sup>5</sup> Shorting Cap
- FHD<sup>6</sup> Double Fuse and Holder

- HSHS<sup>7</sup> Standard Horizontal Hangstraight, Spike Finial
- HSHN<sup>7</sup> Standard Horizontal Hangstraight, No Finial
- HSHB<sup>7</sup> Standard Horizontal Hangstraight, Ball Finial
- EZ Vertical Hangstraight, Large, "EZ" Mount
- HSS 120° House Side Shield

<sup>4</sup> For use with "HSH\_" hangstraights only.

<sup>5</sup> Requires control receptacle.

<sup>6</sup> Ships loose for installation in base.

<sup>7</sup> Not for use with "E420LED5M" unit.

### Arm [\(Click here to view arm website page\)](#)

See Arms & Wall Brackets specification sheets.

- CA
- R5A
- CAF
- DAG
- GRA
- FFA
- SMA
- OB
- 478
- CSA
- RA
- R2<sup>8</sup>

<sup>8</sup> Luminaires above grade height to be 2' higher than pole height, REQUIRES "EZ" hangstraight.

### Pole [\(Click here to view pole website page\)](#)

See Pole specification sheets.

### Finish [\(Click here to view paint finish sheet\)](#)

#### Standard Finishes<sup>9</sup>

- BKT Black Textured
- WHT White Textured
- PGT Park Green Textured
- ABZT Architectural Medium Bronze Textured
- DBT Dark Bronze Textured

<sup>9</sup> Smooth finishes are available upon request.

#### Custom Finishes<sup>10</sup>

- CM Custom Match
- OI Old Iron
- RT Rust
- WBR Weathered Brown
- CD Cedar
- WBK Weathered Black
- TT Two Tone

<sup>10</sup> Custom colors require upcharge.

#### Sternberg Select Finishes

- VG Verde Green
- SI Swedish Iron
- OWGT Old World Gray Textured

## Specifications

### Fixture

This large scale contemporary downlight fixture made from cast aluminum. Standard unit should be supplied with a hangstraight (E420LED). Optional side mount version (E420LED5M) available with an integral slipfitter to slip fit a 2-3/8" OD horizontal tenon. The Luminaire shall be UL listed in US and Canada.

### LED's

The luminaire shall use high output, high brightness LED's. They shall be mounted in arrays, on printed circuit boards designed to maximize heat transfer to the heat sink surface. The arrays shall be roof mounted to minimize up-light. The LED's and printed circuit boards shall be 100% recyclable; they shall also be protected from moisture and corrosion by a conformal coating of 1 to 3 mils. They shall not contain lead, mercury or any other hazardous substances and shall be RoHS compliant. The LED life rating data shall be determined in accordance with IESNA LM-80. The High Performance white LED's will have a life expectancy of approximately 100,000 hours with not less than 70% of original brightness (lumen maintenance), rated at 25°C. The High Brightness, High Output LED's shall be 4500K (3500K or 2700K option) color temperature with a minimum CRI of 70. Consult factory for custom color CCT. The luminaire shall have a minimum \_\_\_\_\_ (see table) delivered initial lumen rating when operated at steady state with an average ambient temperature of 25°C (77°F).

### Optics

The luminaire shall be provided with individual, refractor type optics applied to each LED. The luminaire shall provide Type \_\_\_\_ (2, 3, 4 or 5) light distribution per the IESNA classifications. Testing shall be done in accordance with IESNA LM-79.

See next page

# E420LED EURO SERIES

LED

## Photocontrols

**Twist-Lock Style:** The photocontrol shall be mounted on the hang-straight and pre-wired to driver. The twist lock type photocontrol is instant on with a 3-6 second turn off, and shall turn on at 1.5 footcandles with a turn-off at 2-3 footcandles. Photocontrol is 120-277 volt and warranted for 6 years.

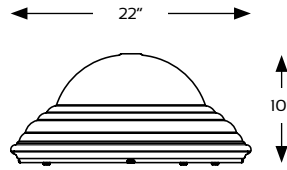
## Warranty

Seven-year limited warranty. See product and finish warranty guide for details.

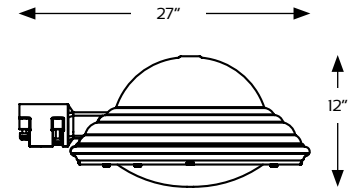
## Finish

Refer to website for details.

## Fixtures



E420LED-FL



E420LED5M-SG  
Side Mount

## Performance

MODEL #	T2 LUMENS	BUG	EFFICACY (LPW)	T3 LUMENS	BUG	EFFICACY (LPW)	T4 LUMENS	BUG	EFFICACY (LPW)	T5 LUMENS	BUG	EFFICACY (LPW)	WATTS
28L45T_-MDL14	10895	B3U0G3	81.9	10895	B3U0G3	81.9	10515	B2U0G2	79.1	10705	B4U0G2	80.5	133
28L35T_-MDL14	10230	B3U0G3	76.9	10230	B3U0G3	76.9	9875	B2U0G2	74.2	10055	B4U0G2	75.6	133
28L27T_-MDL14	8980	B3U0G3	67.5	8980	B2U0G2	67.5	8670	B2U0G2	65.2	8825	B4U0G2	66.4	133
21L45T_-MDL14	8375	B3U0G3	78.3	8535	B2U0G2	79.8	8295	B2U0G2	77.5	9405	B4U0G2	87.9	107
21L35T_-MDL14	7865	B3U0G3	73.5	8015	B2U0G2	74.9	7790	B2U0G2	72.8	8835	B4U0G2	82.6	107
21L27T_-MDL14	6905	B2U0G2	64.5	7035	B2U0G2	65.7	6840	B2U0G2	63.9	7755	B3U0G2	72.5	107
21L45T_-MDL10	6690	B2U0G2	91.6	6340	B2U0G2	86.8	6200	B2U0G2	84.9	6815	B3U0G2	93.4	73
21L35T_-MDL10	6285	B2U0G2	86.1	5955	B2U0G2	81.6	5825	B2U0G2	79.8	6400	B3U0G2	87.7	73
21L27T_-MDL10	5515	B2U0G2	75.5	5225	B1U0G2	71.6	5110	B1U0G2	70.0	5620	B3U0G2	77.0	73
16L45T_-MDL10	5070	B2U0G2	92.2	4880	B1U0G2	88.7	4800	B1U0G2	87.3	5370	B3U0G1	97.6	55
16L35T_-MDL10	4760	B2U0G2	86.5	4585	B1U0G2	83.4	4510	B1U0G2	82.0	5045	B2U0G1	91.7	55
16L27T_-MDL10	4180	B1U0G1	76.0	4025	B1U0G1	73.2	3955	B1U0G1	71.9	4425	B2U0G1	80.5	55