



E420LED EURO SERIES

LED

EPA
0.94 (ft²)
WEIGHT
50 LBS

7 YEAR
WARRANTY

LUMEN
RANGE
11,705 -
3,695

LIFE
SPAN
L70
UP TO
100,000
HOURS

UL
LISTED

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 See Arm Spec Sheets	Pole See Pole Spec Sheets	Finish

Mounting Configuration

(Click here to view mounting configuration sheet)

- 1W
- 1A
- 2A
- 2A90
- 3A
- 3A90
- 4A
- 1AM
- 2AM
- SH28¹
- CH28¹

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

¹ Include Stem/Chain length in inches after designation (IE: CH44-36").

Fixture

- E420LED
- E420LEDSM

LED

- 16L
- 21L
- 28L

CCT - Color Temperature (K)

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

Type

- T2
- T3
- T4
- T5

Driver

- MDL10² (120v-277v, 1000mA)
- MDL14² (120v-277v, 1400mA)
- MDH10³ (347v-480v, 1000mA)
- MDH14³ (347v-480v, 1400mA)

² For use with 16L or 21L system.

³ 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)

- R⁴ 3-Pin control receptacle only
- R5⁴ 5-Pin control receptacle only
- R7⁴ 7-Pin control receptacle only
- PE⁵ Twist-Lock Photocontrol (120v-277v)
- PE3⁵ Twist-Lock Photocontrol (347v)
- PE4⁵ Twist-Lock Photocontrol (480v)
- SC⁵ Shorting Cap
- FHD⁶ Double Fuse and Holder
- HSHS⁷ Standard Horizontal Hangstraight, Spike Finial

- HSHN⁷ Standard Horizontal Hangstraight, No Finial
- HSHB⁷ Standard Horizontal Hangstraight, Ball Finial
- EZ Vertical Hangstraight, Large, "EZ" Mount
- HSV Vertical Hangstraight, Standard
- HSS 120° House Side Shield

⁴ For use with "HSH_" hangstraights only.

⁵ Requires control receptacle.

⁶ Ships loose for installation in base.

⁷ Not for use with "E420LEDSM" unit.

Arm (Click here to view arm website page)

See Arms & Wall Brackets specification sheets.

- CA
- DAG
- SMA
- CSA
- R3⁸
- RSA
- GRA
- OB
- RA
- CAF
- FFA
- 478
- R2⁸

⁸ 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 Finishes⁹

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

⁹ Smooth finishes are available upon request.

Custom Finishes¹⁰

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

¹⁰ 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 (E420LEDSM) 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

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.

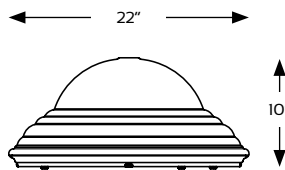
Warranty

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

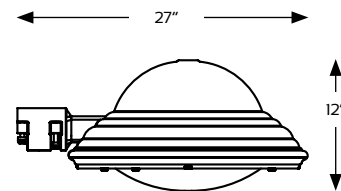
Finish

Refer to website for details.

Fixtures



E420LED-FL



E420LED5M-SG
Side Mount

Performance

MODEL #	T2 DELIVERED LUMENS	EFFICACY (LPW)	T3 DELIVERED LUMENS	EFFICACY (LPW)	T4 DELIVERED LUMENS	EFFICACY (LPW)	T5 DELIVERED LUMENS	EFFICACY (LPW)	WATTAGE
28L27T_-MDL14	8390	63.1	8390	63.1	8095	90.9	9015	67.8	133
28L35T_-MDL14	10025	75.4	10025	75.4	9675	72.7	10770	81.0	133
28L45T_-MDL14	10895	81.9	10895	81.9	10515	79.1	11705	88.0	133
21L27T_-MDL14	6450	60.3	6570	61.4	6385	59.7	7240	67.7	107
21L35T_-MDL14	7705	72.0	7850	73.4	7630	71.3	8655	80.9	107
21L45T_-MDL14	8375	78.3	8535	79.8	8295	77.5	9405	87.9	107
21L27T_-MDL10	5150	70.5	4880	66.8	4775	65.4	5250	71.9	73
21L35T_-MDL10	6155	84.3	5835	79.9	5705	78.2	6270	85.9	73
21L45T_-MDL10	6690	91.6	6340	86.8	3200	84.9	6815	93.4	73
16L27T_-MDL10	3905	71.0	3760	68.4	3695	67.2	4135	75.2	55
16L35T_-MDL10	4665	84.8	4490	81.6	4415	80.3	4940	89.8	55
16L45T_-MDL10	5070	92.2	4880	88.7	4800	87.3	5370	97.6	55