



E350LED / E360LED EURO SERIES

LED

EPA
1.0 (ft²)
WEIGHT
42.1 LBS

7 YEAR
WARRANTY

LUMEN
RANGE
1,920 to
5,545

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-E350LED-SF-12L45T5-MDH07-SV1-FHD/EUIPM/3312P5/BCC/BKT**

Mounting Config.	Fixture	Fitter	LED	CCT	Type	Driver	Lens	Option Control Receptacle	Option Control	Option Photocontrol	Option Fuse	Option Term. Block	Option House Side Shield	Arm See Arm Spec Sheets	Pole See Pole Spec Sheets	Finish

Mounting Configuration

(Click here to view mounting configuration sheet)

- IW • 2A • 3A90 • 1AM
- PT • 2A90 • 3APT • 2AM
- 1A • 2APT • 4A • 45OPB
- 1APT • 3A • 4APT

W = Wall Mount PT = Post Top APT = Post Top Arm Mid-Mount
A = Arm Mount AM = Arm Mid-Mount PB = Pier Base

Fixture

- E350LED • E360LED

Fitter

- SF (Standard Fitter) • UF (Utility Fitter)

LED

- 16L • 12L

CCT - Color Temperature (K)

- 27(00) • 35(00) • 45(00)

Type

- T2 • T3 • T4 • T5

Driver

- MDL07¹ (120v-277v, 700mA)
- MDL10 (120v-277v, 1000mA)
- MDL14² (120v-277v, 1400mA)
- MDH07¹ (347v-480v, 700mA)
- MDH10 (347v-480v, 1000mA)
- MDH14² (347v-480v, 1400mA)

¹ For use with 12L system only.

² For use with 16L system only.

Lens

- CA³ (Clear Acrylic)
- FA³ (Frosted Acrylic)
- FL⁴ (Flat Acrylic Lens)
- SG⁴ (Sag Glass)
- FSG⁴ (Frosted Sag Glass)
- SVI⁴ (Flat Soft Vue Medium Diffused Acrylic)
- SV2⁴ (Flat Soft Vue Heavy Diffused Acrylic)

³ For use with E360LED only.

⁴ For use with E350LED only.

Options (Click here to view accessories sheet)

- R⁵ 3-Pin control receptacle only
- R5⁵ 5-Pin control receptacle only
- R7⁵ 7-Pin control receptacle only
- PE⁶ Twist-Lock Photocontrol (120v-277v)
- PE3⁶ Twist-Lock Photocontrol (347v)
- PE4⁶ Twist-Lock Photocontrol (480v)
- SC⁶ Shorting Cap
- PEC⁷ Electronic Button Photocontrol (120v-277v)
- PEC4⁷ Electronic Button Photocontrol (480v)
- FHD⁸ Double Fuse and Holder
- TB⁵ Terminal Block
- HSS 120° House Side Shield

⁵ For use with "UF" utility fitter only.

⁶ Requires control receptacle.

⁷ For use with "UF" utility fitter, or remote mount on pole.

⁸ Ships loose for installation in base.

Arm (Click here to view arm website page)

See Arms & Wall Brackets specification sheets.

- EU1 • HMS • OLS • OMS • VCS • VFS • VLS

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 medium scale contemporary fixture includes a permanent mold aluminum roof, fitter and (4) sweeping support legs. The unit is provided with an acrylic tapered cylindrical molded lens matching the profile of the support legs (E360LED), or a flat acrylic lens allowing for an open body (E350LED). The top mounted ballast mounting plate shall be cast aluminum and provide tool-less removal from the housing. The Luminaire shall be UL listed in US and Canada.

Fitter - Standard

Cast aluminum fitter slips a 3" OD x 3" tall tenon or pole.

Fitter - Utility

The utility fitter shall be heavy wall cast aluminum for high tensile strength. It shall slip a 3" OD x 3" tall tenon or pole. It shall have an entry door that provides open access to all of the components, secured with stainless steel hardware. The fitter shall have an optional terminal block for ease of wiring and an optional Twist-Lock Photocontrol receptacle or button photocell.

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 downward facing 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 50,000 hours with not less than 70% of original brightness

See next page

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(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.

Electronic Driver

The LED driver shall be U.L. Recognized. It shall be securely mounted inside the fixture, for optimized performance and longevity. It shall

be supplied with a quick-disconnect electrical connector on the power supply, providing easy power connections and fixture installation. It shall have overload as well as short circuit protection, and have a DC voltage output, constant current design, 50/60HZ. It shall be supplied with line-ground, line-neutral and neutral-ground electrical surge protection in accordance with IEEE/ANSI C62.41.2 guidelines. It shall be dimmable using a 0-10v signal.

For sources over 50w: The driver shall have a minimum efficiency of 90%. The driver shall be rated at full load with THD<20% and a power factor of greater than 0.90. The driver shall contain over-heat protection.

For sources under 50w: The driver shall have a minimum efficiency of 88%.

Photocontrols

Button Style: The photocontrol shall be mounted on the utility fitter or in the pole shaft

on an access plate. The electronic button type photocontrol is instant on with a 5-10 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.

Twist-Lock Style: The photocontrol shall be mounted in the utility fitter 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.

Performance

MODEL #	T2 DELIVERED LUMENS	EFFICACY (LPW)	T3 DELIVERED LUMENS	EFFICACY (LPW)	T4 DELIVERED LUMENS	EFFICACY (LPW)	T5 DELIVERED LUMENS	EFFICACY (LPW)	WATTAGE
16L27T_-MDL14	4225	52.2	3945	48.7	3700	45.7	4270	52.7	81
16L35T_-MDL14	5045	62.3	4715	58.2	4420	54.6	5100	63.0	81
16L45T_-MDL14	5485	67.7	5125	63.3	4805	59.3	5545	68.5	81
16L27T_-MDL10	3190	57.0	3005	53.7	2940	52.5	3285	58.7	56
16L35T_-MDL10	3815	68.1	3595	64.2	3510	62.7	3925	70.1	56
16L45T_-MDL10	4145	74.0	3905	69.7	3815	68.1	4265	76.2	56
12L27T_-MDL10	2410	56.0	2290	53.3	2225	51.7	2445	56.9	43
12L35T_-MDL10	2880	67.0	2735	63.6	2660	61.9	2920	67.9	43
12L45T_-MDL10	3130	72.8	2975	69.2	2890	67.2	3175	73.8	43
12L27T_-MDL07	1735	62.0	1640	58.6	1600	57.1	1765	63.0	28
12L35T_-MDL07	2075	74.1	1960	70.0	1915	68.4	2105	75.2	28
12L45T_-MDL07	2255	80.5	2130	76.1	2080	74.3	2290	81.8	28

Fixtures

