



# E250LED-E260LED EURO SERIES

LED BOLLARDS

**DIMENSIONS**  
50" TALL

**7 YEAR WARRANTY**

**LUMEN RANGE**  
2,005-4,530

**LIFE SPAN**  
L70  
MINIMUM  
100,000  
HOURS

**UL LISTED**

**CLICK FOR FAQ's**

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

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

MEMO \_\_\_\_\_

## BUILD A PART NUMBER

ORDERING EXAMPLE: **E250LED-340B-IRND45T3-MDLO3-SV1/CL2-FHD-PCD/DBT**

Model	LED	CCT	Type	Driver	Lens	Option Chain Loop	Option Fuse	Option Photocell	Finish

### Model

- E250LED-340B
- E250LED-346B
- E250LED-887B
- E260LED-340B
- E260LED-346B
- E260LED-887B

### LED

- IRND
- 3ARC

### CCT - Color Temperature (K)

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

### Type

- T3
- T5

### Driver

- MDLO3 (120V-277V, 350mA)
- MDH03 (347V-480V, 350mA)

### Lens

- SV1<sup>1</sup> (Flat Soft Vue Light Diffused Acrylic)
- SV2<sup>1</sup> (Flat Soft Vue Moderate Diffused Acrylic)
- CA<sup>2</sup> (Clear Acrylic)
- FA<sup>2</sup> (Frosted Acrylic)

<sup>1</sup>For E250LED only.

<sup>2</sup>For E260LED only.

### Options (Click here to view accessories sheet)

- CL1 Single Chain Loop
- CL2 Double Chain Loops at 180°
- FHD<sup>3</sup> Double Fuse and Holder
- PCD<sup>4</sup> Electronic Button Photocontrol, mounted on an access door (120V-277V)
- PCD4<sup>4</sup> Electronic Button Photocontrol, mounted on an access door (480V)

<sup>3</sup>Ships loose for installation in base.

<sup>4</sup>Only available for \_-346B and \_-887B models.

### Finish

Standard Finishes<sup>5</sup> (Click here to view paint finish sheet)

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

<sup>5</sup>Smooth finishes are available upon request.

### Sternberg Select Finishes

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

### Custom Finishes<sup>6</sup>

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

<sup>6</sup>Custom colors require upcharge.

## Specifications

### General

The Euro E250/E260LED are small scale decorative lighted bollards. Three styles feature cylindrical bodies, a decorative aluminum cage and dome roof measuring 6" diameter by 50" maximum height. The bollard shall be UL listed in the US and Canada.

### Construction

The **340B style** features a multi-tube shaft consisting of a 3" diameter 6061T6 extruded aluminum tube having a wall thickness of 1/8". It is surrounded by three 1" diameter 6061T6 extruded aluminum tubes having a wall thickness of 1/4" spaced at 120° and supported by two cast aluminum braces. The anchor foot

base shall be 8" diameter and made of heavy cast aluminum having a wall thickness of 3/4" and welded to center shaft tube.

The **346B style** features a shaft consisting of 6" diameter 6063 extruded aluminum tubing having a wall thickness of 1/4" and tempered to T5 condition. The anchor foot base shall be 6" diameter and made of heavy wall, 356 alloy cast aluminum and shall be vertically fastened to the bollard housing shaft. It shall have a 5/8" thick floor cast as an integral part of the base.

The **887B style** features a shaft consisting of 5" diameter 6061 extruded aluminum tubing having a wall thickness of 1/4" and tempered to T6 condition. The anchor foot base shall be 11-7/8" diameter and made of heavy wall, 356 alloy cast aluminum and shall be vertically fastened to the bollard housing shaft. It shall have a 5/8" thick floor cast as an integral part of the base.

### LEDs

The luminaire shall use high output, high brightness LEDs. The LEDs shall be mounted in arrays, on printed circuit boards designed to maximize thermal transfer to the heat sink surface. The LEDs and arrays shall be 100% recyclable; not contain lead, mercury or any other hazardous substances and shall be RoHS compliant. The LEDs and printed circuit boards shall be protected from moisture and corrosion by a conformal coating. The LED arrays shall be roof mounted to minimize up-light. Lumen maintenance shall be determined in accordance with IESNA TM-21, based on LED manufacturer LM-80 test data of no less than 6,000 hours and in-situ testing of the luminaire by an NVLAP accredited Energy Efficient Lighting Products lab. The high-performance white LED's will have a predicted lumen depreciation of approximately \_\_\_\_\_ hours

See next page

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## LED BOLLARDS

with greater than \_\_\_% of initial output at 25°C. The high-brightness, high-output white LED's shall be 4500K nominal (2700K or 3500K option) correlated color temperature (CCT) with a 70 (minimum) color rendering index (CRI). Consult factory for custom color CCT or CRI. The luminaire shall have a minimum \_\_\_\_\_ (see table) delivered initial lumens 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, 3R, 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 bollard, 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, overheat and 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 a high efficiency driver with a THD less than 20% and a high power factor greater than .9. It shall be dimming capable using a 0-10v signal, consult factory for more information.

### Photocell

The photocontrol shall be mounted on the bollard. 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.

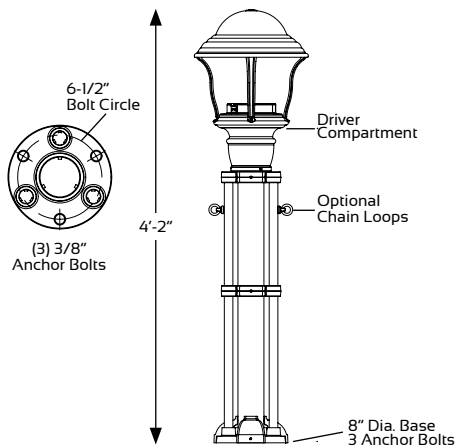
### Warranty

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

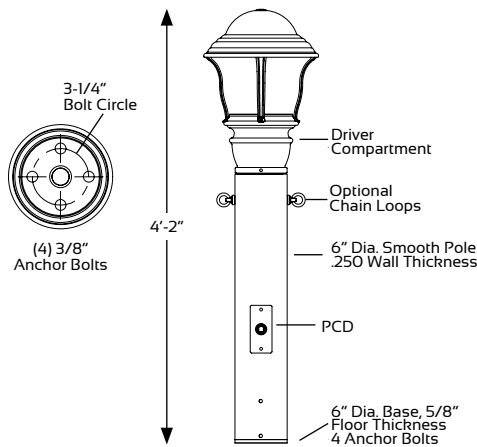
### Finish

Refer to website for details.

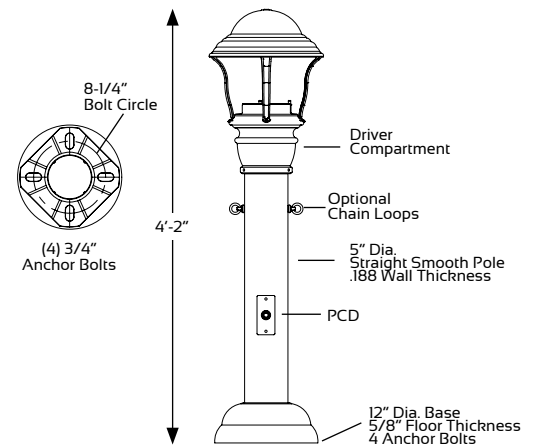
## Bollards



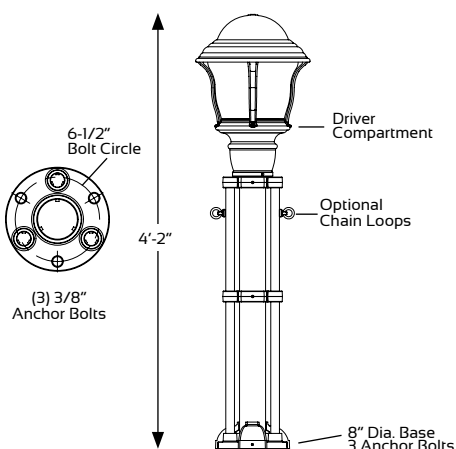
**E250LED-340B**



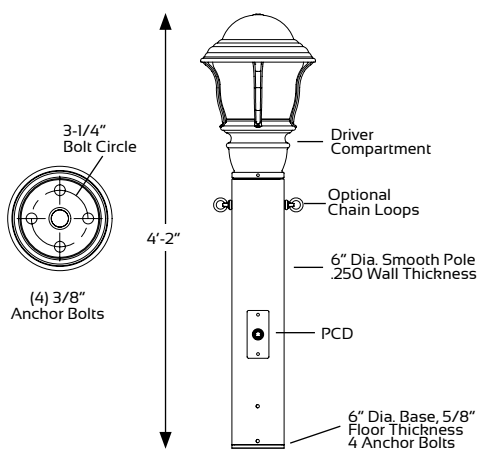
**E250LED-346B**



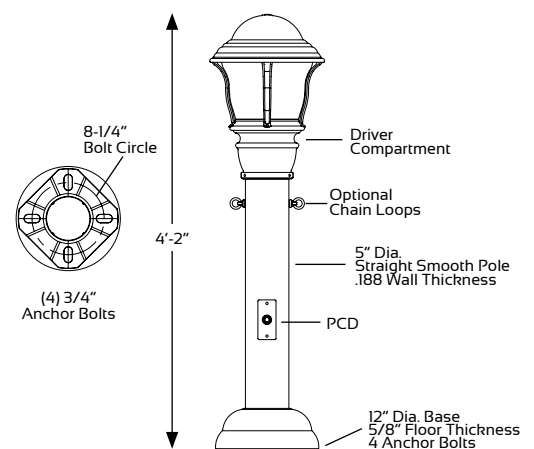
**E250LED-887B**



**E260LED-340B**



**E260LED-346B**



**E260LED-887B**

# E250LED-E260LED EURO SERIES

LED BOLLARDS

## Performance - E250LED

MODEL #	T2 LUMENS	BUG	EFFICACY (LPW)	T3 LUMENS	BUG	EFFICACY (LPW)	T3R LUMENS	BUG	EFFICACY (LPW)	T4 LUMENS	BUG	EFFICACY (LPW)	T5 LUMENS	BUG	EFFICACY (LPW)	WATTS
3ARC45T_MDL03	3885	B2U0G2	74.7	3740	B2U0G2	71.9	3875	B1U0G1	74.5	3915	B1U0G1	75.3	3850	B2U0G1	74.0	52
3ARC35T_MDL03	3650	B2U0G2	70.2	3515	B2U0G2	67.6	3640	B1U0G1	70.0	3675	B1U0G1	70.7	3615	B2U0G1	69.5	52
3ARC27T_MDL03	3205	B1U0G1	61.6	3085	B1U0G1	59.3	3195	B1U0G1	61.4	3225	B1U0G1	62.0	3175	B2U0G1	61.1	52
1RND45T_MDL03	2580	B1U0G1	80.6	2430	B1U0G1	75.9	2520	B1U0G1	78.8	2485	B1U0G1	77.7	2495	B2U0G1	78.0	32
1RND35T_MDL03	2425	B1U0G1	75.8	2280	B1U0G1	71.3	2365	B1U0G1	73.9	2335	B1U0G1	73.0	2345	B2U0G1	73.3	32
1RND27T_MDL03	2125	B1U0G1	66.4	2005	B1U0G1	62.7	2075	B1U0G1	64.8	2050	B1U0G1	64.1	2055	B1U0G1	64.2	32

## Performance - E260LED

MODEL #	T2 LUMENS	BUG	EFFICACY (LPW)	T3 LUMENS	BUG	EFFICACY (LPW)	T3R LUMENS	BUG	EFFICACY (LPW)	T4 LUMENS	BUG	EFFICACY (LPW)	T5 LUMENS	BUG	EFFICACY (LPW)	WATTS
3ARC45T_MDL03	4240	B2U2G2	81.5	4290	B2U2G2	82.5	4325	B2U2G2	83.2	4355	B1U2G2	83.8	4530	B3U2G3	87.1	52
3ARC35T_MDL03	3980	B2U2G2	76.5	4030	B2U2G2	77.5	4060	B2U2G2	78.1	4090	B1U2G2	78.7	4255	B3U2G3	81.8	52
3ARC27T_MDL03	3495	B2U2G2	67.2	3535	B2U2G2	68.0	3565	B2U2G2	68.6	3590	B1U2G1	69.0	3735	B2U2G2	71.8	52
1RND45T_MDL03	2840	B1U2G1	88.8	2740	B1U2G2	85.6	2795	B1U2G1	87.3	2710	B1U2G1	84.7	2860	B2U2G2	89.4	32
1RND35T_MDL03	2665	B1U2G1	83.3	2575	B1U2G2	80.5	2625	B1U2G1	82.0	2545	B1U2G1	79.5	2685	B2U2G2	83.9	32
1RND27T_MDL03	2340	B1U2G1	73.1	2260	B1U2G2	70.6	2305	B1U2G1	72.0	2235	B1U2G1	69.8	2360	B2U2G2	73.8	32



**SternbergLighting**  
ESTABLISHED 1923 / EMPLOYEE OWNED

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