



1480LED DEL MAR SERIES

LED

EPA 1.34 (ft²) WEIGHT 38 LBS	7 YEAR WARRANTY 	LUMEN RANGE 6,635 to 3,570	LIFE SPAN L70 MINIMUM 100,000 HOURS	UL LISTED 	CHECK FOR FAQ'S 	IP RATING
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JOB NAME _____

FIXTURE TYPE _____

MEMO _____

BUILD A PART NUMBER

ORDERING EXAMPLE: **2A-1480LED-IL40T5-MDL10-A-FHD-HSV/OEPT/3316P5/BKT**

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

Mounting Configuration

(Click here to link to mounting configuration specification page)

- 1W
- 1A
- 2A
- 2A90
- 3A
- 3A90
- 4A
- 4AM
- 2AM
- SH44¹
- CH44¹

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

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

Fixture

- 1480LED

LED

- 1L

CCT - Color Temperature (K)

- 27(00)
- 30(00)
- 40(00)
- 50(00)

Type

- T3
- T4
- T5

Driver

- MDL07 (120v-277v, 700mA)
- MDL10 (120v-277v, 1050mA)
- MDH07 (347v-480v, 700mA)
- MDH10 (347v-480v, 1050mA)

Lens

- A (Acrylic)
- FA (Frosted Acrylic)

Options (Click here to view accessories sheet)

- R² 3-Pin control receptacle only
- R5² 5-Pin control receptacle only
- R7² 7-Pin control receptacle only
- PE³ Twist-Lock Photocontrol (120v-277v)
- PE3³ Twist-Lock Photocontrol (347v)
- PE4³ Twist-Lock Photocontrol (480v)
- SC³ Shorting Cap
- FHD⁴ Double Fuse and Hold
- HSHS Standard Horizontal Hangstraight, Spike Finial
- HSHN Standard Horizontal Hangstraight, No Finial
- HSHB Standard Horizontal Hangstraight, Ball Finial
- EZ Vertical Hangstraight, Large, "EZ" Mount
- HSV Vertical Hangstraight, Standard
- HSS 120° House Side Shield

²For use with "HSH_" hang straights only.

³Requires control receptacle.

⁴Ships loose for installation in base.

Arm (Click here to link to arm specification page)

See Arms & Wall Brackets specification sheets.

- 50
- 478
- 70
- 80
- 480
- 55
- 6236
- 579
- TA
- TASCRA
- BA
- R3⁵

⁵Luminaires above grade height to be 2' higher than pole height, REQUIRES "EZ" hangstraight.

Pole (Click here to link to pole specification page)

See Pole specification sheets.

Finish (Click here to view paint finish sheet)

Standard Finishes⁶

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

⁶Smooth finishes are available upon request.

Custom Finishes⁷

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

⁷Custom colors require upcharge.

Sternberg Select Finishes

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

Specifications

Fixture

The 1480 Del Mar fixture is a medium scale, contemporary down light with unique detail. It shall be 24" wide and the overall height shall be 28-1/2". It shall be made of heavy wall cast aluminum, 356 alloy, extruded aluminum fabricated tube cage and flared aluminum shades around a large diameter acrylic tube lens. The Luminaire shall be UL listed in US and Canada.

LED's

The luminaire shall use high output, high brightness LED's, consisting of a two piece assembly complete with Chip on Board (COB) LED component and COB holder frame. 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 4000K (3000K or 5000K option) color temperature with a minimum of 70 CRI. 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, molded silicone refractor type optics applied to each COB (Chip On Board) LED assembly. The optic shall be at least 92% efficient while providing superior thermal, UV and impact resistance for the COB assembly. The optic ensures precise light control while providing cutoff control that limits or contains up-light. 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 Drivers

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.

See next page

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%.

Lens

The luminaire shall include an injection molded acrylic lens assembly mechanically attached to the luminaire housing and shall provide protection for all internal optic components from dirt, dust, bugs, water and impact. It shall have an IP rating of no less than 65.

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.

Performance

MODEL #	T3 DELIVERED LUMENS	EFFICACY (LPW)	T4 DELIVERED LUMENS	EFFICACY (LPW)	T5 DELIVERED LUMENS	EFFICACY (LPW)	WATTAGE
1L27T_-MDL10	5060	84.3	5345	89.1	5710	95.2	60
1L30T_-MDL10	5705	95.1	6030	100.5	6440	107.3	60
1L40T_-MDL10	5880	98.0	6215	103.6	6635	110.6	60
1L27T_-MDL07	3570	89.3	3805	95.1	4015	100.4	40
1L30T_-MDL07	4030	100.8	4290	107.3	4530	113.3	40
1L40T_-MDL07	4155	103.9	4425	110.6	4670	116.8	40

Fixtures

