



1910LEDLBS RENO SERIES

LED

EPA
0.74 (ft²)
WEIGHT
16 LBS

7 YEAR
WARRANTY

LUMEN
RANGE
2305 to
8955

LIFE
SPAN
L70
MINIMUM
100,000
HOURS

UL
LISTED

CLICK
FOR FAQ'S

JOB NAME

FIXTURE TYPE

MEMO

BUILD A PART NUMBER

ORDERING EXAMPLE: **2A-1910LEDLBS-5P-4ARC45T5-MDH03-A-EZ/R2/3914T4/BKT**

Mounting Config.	Fixture	Fitter	LED	CCT	Type	Driver	Lens	Option Control Receptacle	Option Control	Option Fuse	Option Hang-straight	Arm See Arm Spec Sheets	Pole See Pole Spec Sheets	Finish

Mounting Configuration

(Click here to link to mounting configuration specification page)

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

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

- 1910LEDLBS

Fitter

- 5P

LED

- 4AIR • 3AIR • 4ARC • 3ARC • IRND

CCT - Color Temperature (K)

- 45(00) • 35(00) • 27(00)

Type

- T2 • T3 • T3R • T4 • T5

Driver

- MDL03 (120v-277v, 350Ma)
- MDH03 (347v-480v, 350Ma)

Lens

- A (Acrylic) • P (Polycarbonate)

Options (Click here to view accessories sheet)

- R² 3-Pin control receptacle only
- R⁵ 5-Pin control receptacle only
- R⁷ 7-Pin control receptacle only
- PE³ Twist-Lock Photocontrol (120v-277v)
- PE³ Twist-Lock Photocontrol (347v)
- PE⁴ Twist-Lock Photocontrol (480v)
- SC³ Shorting Cap
- PEC Electronic Button Photocontrol (120v-277v)
- PEC⁴ Electronic Button Photocontrol (480v)
- FHD⁴ Double Fuse and Holder
- 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

² For use with HSHL hangstraight only.

³ Requires control receptacle.

⁴ Ships loose for installation in base.

Arm (Click here to link to arm specification page)

See Arms & Wall Brackets specification sheets.

- 478 • 6236U • R3⁵ • CCA • RA
- TA • CDVH • CSA • CAF • DA
- TASU • 9IW • CA • CBA • DAG
- 678 • RPM • CAS • RSA
- 55LD • R2⁵ • SMA • FFA

⁵ Luminaires 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

Standard Finishes⁶

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

⁶ Smooth 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

⁷ Custom colors require upcharge.

Sternberg Select Finishes

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

Specifications

Fixture

The 1910LEDLBS Reno Series luminaire is a decorative downlight fixture which consists of a decorative cast aluminum fitter, a spun aluminum shade and lens. The luminaire has LED light sources with down lighting optics. The Luminaire shall be UL listed in the US and Canada.

Fitter - Standard

The fitter shall be heavy wall cast aluminum, 356 alloy for high tensile strength. It shall have an 9-1/4" inside diameter opening to attach to the 9" neck of the shade. The large end of the fitter shall have four (4) stainless steel allen head screws which secures the connection between the fitter and shade.

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. They shall operate in a -40°C (-40°F) to +50°C (122°F) ambient air temperature range. 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 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).

See next page

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LED

Optics

The luminaire shall be provided with individual acrylic, 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 will 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 fitter, 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 which reduces output to less than half rating if the case temperature reaches 85°C.

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

Lens

Materials include DR Acrylic or Polycarbonate. An injection molding process adds textured surface for glare mitigation, even wall thickness and impact resistance.

Photocontrols

Button Style: On a single assembly the photocontrol shall be mounted on the fixture and pre-wired to driver. On multiple head assembly's the photocontrol shall be mounted 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 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.

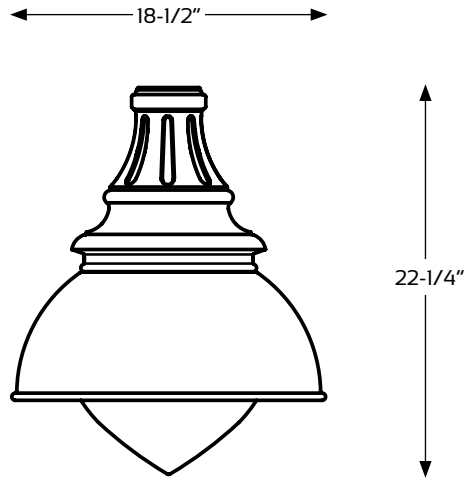
Finish

Refer to website for details.

Performance

MODEL #	T2 DELIVERED LUMENS	EFFICACY (LPW)	T3 DELIVERED LUMENS	EFFICACY (LPW)	T3R DELIVERED LUMENS	EFFICACY (LPW)	T4 DELIVERED LUMENS	EFFICACY (LPW)	T5 DELIVERED LUMENS	EFFICACY (LPW)	WATTAGE
4A1R27	6800	73.9	6670	72.5	6815	74.1	6745	73.3	6985	75.9	92
4A1R35	7760	84.3	7610	82.7	7775	84.5	7695	83.6	7970	86.6	92
4A1R45	8720	94.8	8555	93.0	8735	94.9	8645	94.0	8955	97.3	92
3A1R27	5730	74.4	5600	72.7	5725	74.4	5665	73.6	5865	76.2	77
3A1R35	6540	84.9	6390	83.0	6535	84.9	6465	84.0	6695	86.9	77
3A1R45	7345	95.4	7180	93.2	7340	95.3	7265	94.4	7520	97.7	77
4ARC27	4680	73.1	4560	71.3	4640	72.5	4560	71.3	4785	74.8	64
4ARC35	5340	83.4	5200	81.3	5295	82.7	5200	81.3	5460	85.3	64
4ARC45	6000	93.8	5845	91.3	5950	93.0	5845	91.3	6135	95.9	64
3ARC27	3555	68.4	3460	66.5	3535	68.0	3485	67.0	3680	70.8	52
3ARC35	4060	78.1	3950	76.0	4035	77.6	3975	76.4	4195	80.7	52
3ARC45	4560	87.7	4435	85.3	4530	87.1	4465	85.9	4715	90.7	52
1RND27	2375	74.2	2305	72.0	2395	74.8	2385	74.5	2415	75.5	32
1RND35	2710	84.7	2630	82.2	2735	85.5	2720	85.0	2755	86.1	32
1RND45	3045	95.2	2955	92.3	3070	95.9	3055	95.5	3095	96.7	32

Fixtures



1910LEDLBS-5P