Schedule

Symbol	Label	Quantity	Catalog Number	Description	Filename	Lumens Per Lamp	Lumen Multiplier	Light Loss Factor	Wattage	Efficiency
□	A	8	MPP-LED-15L-SIL-2-40-70CRI		MPP-LED-15L-SIL-2-40-70CRI.ies	15399	1	1	102	100%

Statistics

Description	Symbol	Avg	Max	Min	Max/Min	Avg/Min
WALKING TRAIL	+	8.4 fc	18.7 fc	0.7 fc	26.7:1	12.0:1

Note

1. MOUNTING HEIGHT OF 12'
2. CALCULATIONS TAKEN AT GROUND LEVEL
3.CONTACT VILLA LIGHTING- RYAN ZINSELMEIER- RYAN.ZINSELMEIER@VILLALIGHTING.COM- 314-531-2600
4. LAYOUT IS AN ESTIMATE

FIXTURE A

Mirada Post Top (MPP)

Outdoor LED Post Top

IN THE USA · DLC · Title 24 · IP66 · RoHS COMPLIANT

OVERVIEW	
Lumen Output Range	10,000 - 25,000
Wattage Range	73 - 208
Efficacy Range (LPW)	113 - 149
CCT (K)	3000, 4000, 5000
Controls	Standalone, Wireless
Weight lbs (kg) - ALI4	55 (25)

QUICK LINKS

Ordering Guide · Performance · Photometrics · Dimensions

FEATURES & SPECIFICATIONS

Construction

- Rugged die-cast aluminum optical housing, cage, and fitter. Fitter contains factory pre-wired drivers and optional controls.
- Complete die-cast aluminum construction for maximum quality and surface finish.
- 1-PC die-cast aluminum cage with wire passages allows for IP66 full luminaire rating to protect integral components from harsh environments.
- Fixtures are finished with LSI's DuraGrip® polyester powder coat finishing process. The DuraGrip finish withstands extreme weather changes without cracking or peeling. Other standard LSI finishes available. Consult factory.
- Shipping weight: 55 lbs in carton.

Optical System

- State-of-the-Art one piece silicone optic sheet delivers industry leading optical control with an integrated gasket.
- Proprietary silicone refractor optics provide exceptional coverage and uniformity in IES Types 2, 3, 5W, FT.
- Silicone optical material does not yellow or crack with age and provides a typical light transmittance of 93%.
- Available in 5000K, 4000K, and 3000K color temperatures per ANSI C78.377.
- Minimum CRI of 70
- Integral louver (IL) and house-side shield (IH) options available for improved back-light control without sacrificing street side performance. See page 7 for more details.
- Minimal uplight with less than 5% of the total lumen output going above 90°.

Electrical

- High-performance programmable driver features over-voltage, undervoltage, short-circuit and over temperature protection. Custom lumen and wattage packages available.
- 0-10V dimming (10% - 100%) standard.
- Standard Universal Voltage (120-277 Vac) Input 50/60 Hz or optional High Voltage (347-480 Vac).
- L92 Calculated Life: >100K Hours (See Lumen Maintenance on Page 3)
- Total harmonic distortion: <20%
- Operating temperature: -40°C to +50°C (-40°F to +122°F). 72L Package is limited to 40°C.
- Power factor: >.90
- Input power stays constant over life.
- Field replaceable surge protection device meets a minimum Category C Low operation (per ANSI/IEEE C62.41.2).
- High-efficacy LEDs mounted to metal-core circuit board to maximize heat dissipation
- Components are fully encased in potting material for moisture resistance. Driver complies with FCC standards.
- Internal power supplies and controls can be serviced via (2) integral fitter removable power trays.

Installation

- Designed to mount to 2-3/8"-3" OD x 3" to 4-1/2" tall tenon.
- Secures to tenon with 8 stainless steel set screws.
- 6' wire leads with strain relief zip-ties are provided in fitter for ease of wiring.

Warranty

- LSI luminaires carry a 5-year limited warranty. Refer to website for details.

Listings

- Listed to UL 1598 and UL 8750.
- Title 24 Compliant; see local ordinance for qualification information.
- Suitable for wet Locations
- IP66 rated Luminaire per IEC 60598.
- 3G rated for ANSI C136.31 high vibration applications.
- DesignLights Consortium® (DLC) qualified product. Not all versions of this product may be DLC qualified. Please check the DLC Qualified Products List at www.designlights.org/QPL to confirm which versions are qualified.

Specifications and dimensions subject to change without notice.

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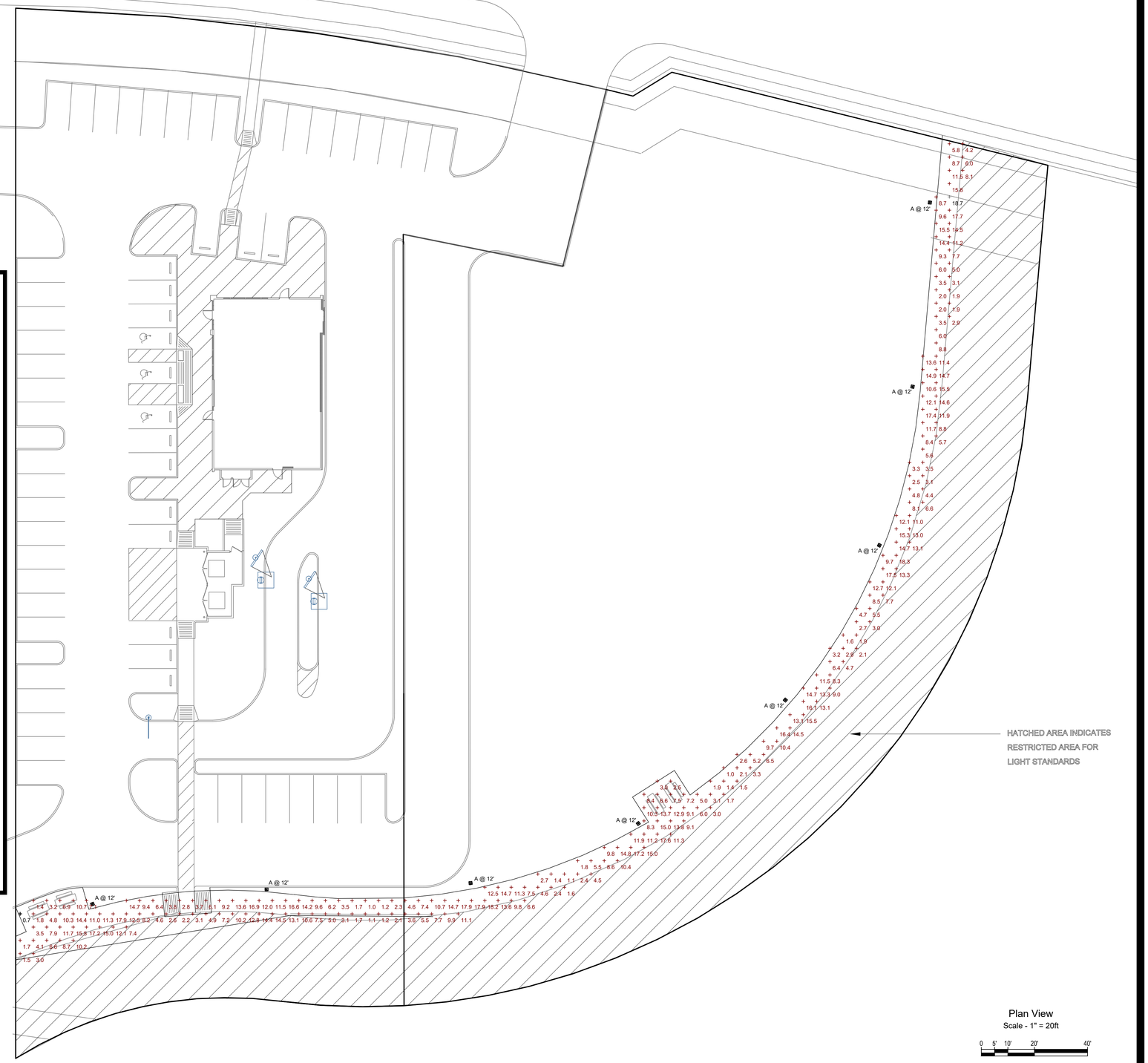

Plan View
Scale - 1" = 20ft
0 5' 10' 20' 40'

1120 N. Town Center Drive
Suite 150
Las Vegas, Nevada 89144

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REVISIONS:

ISSUE DATE:

	ENG'ING SITE PLAN	08-05-24

DRAWN BY: -

PANDA PROJECT #: -
PANDA STORE #: -
ARCH PROJECT #: -

CFT

WALKNG TRAIL
HEBRON PARKWAY
LEWISVILLE, TEXAS 75057

PHOTO-2

CFT SITE LIGHTING PHOTOMETRICS