

UMT-31396

Matrix 1 Surface

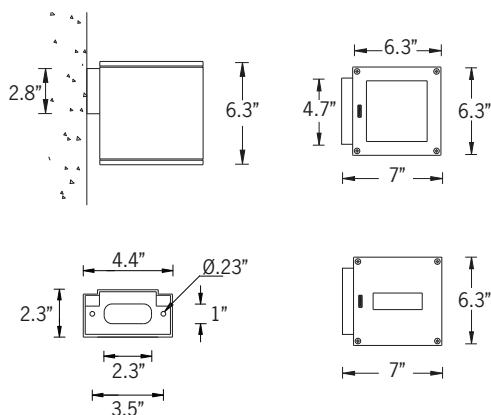
Additional Info submitted
after packet was delivered

7144 NE Progress Ct | T:503.645.0500
Hillsboro, Oregon 97124 | F:503.645.8100
www.ligmanlightingusa.com

LIGMAN
LIGHTING USA



6/14w COB 1128 Lumens Down, 80 Lumens Up
IP65 • Suitable For Wet Locations
IK07 • Impact Resistant
Weight 4.6 lbs



Mounting Detail

Construction

Aluminum

Less than 0.1% copper content – Marine Grade 6060 extruded & LM6 Aluminum High Pressure die casting provides excellent mechanical strength, clean detailed product lines and excellent heat dissipation.

Pre paint

8 step degrease and phosphate process that includes deoxidizing and etching as well as a zinc and nickel phosphate process before product painting.

Memory Retentive -Silicon Gasket

Provided with special injection molded "fit for purpose" long life high temperature memory retentive silicon gaskets. Maintains the gaskets exact profile and seal over years of use and compression.

Thermal management

LM6 Aluminum is used for its excellent mechanical strength and thermal dissipation properties in low and high ambient temperatures. The superior thermal heat sink design by Ligman used in conjunction with the driver, controls thermals below critical temperature range to ensure maximum luminous flux output, as well as providing long LED service life and ensuring less than 10% lumen depreciation at 50,000 hours.

Surge Suppression

Standard 10kv surge suppressor provided with all fixtures.

BUG Rating

B1 - U3 - G0

Finishing

All Ligman products go through an extensive finishing process that includes fettling to improve paint adherence.

Paint

UV Stabilized 4.9Mil thick powder coat paint and baked at 200 Deg C. This process ensures that Ligman products can withstand harsh environments. Rated for use in natatoriums.

Hardware

Provided Hardware is Marine grade 316 Stainless steel.

Anti Seize Screw Holes

Tapped holes are infused with a special anti seize compound designed to prevent seizure of threaded connections, due to electrolysis from heat, corrosive atmospheres and moisture.

Crystal Clear Low Iron Glass Lens

Provided with tempered, impact resistant crystal clear low iron glass ensuring no green glass tinge.

Optics & LED

Precise optic design provides exceptional light control and precise distribution of light. LED CRI > 80

Lumen - Maintenance Life

L80 /B10 at 50,000 hours (This means that at least 90% of the LED still achieve 80% of their original flux)

Square surface wall-mounted architectural lighting range. Family of lighting effects sanctioning imagination and inspiration to reign in designs.

A small profile wall mounted compact cubic luminaire with up and downward light distributions. The Matrix is designed with five light distribution options, namely narrow, medium, wide, very wide and spike.

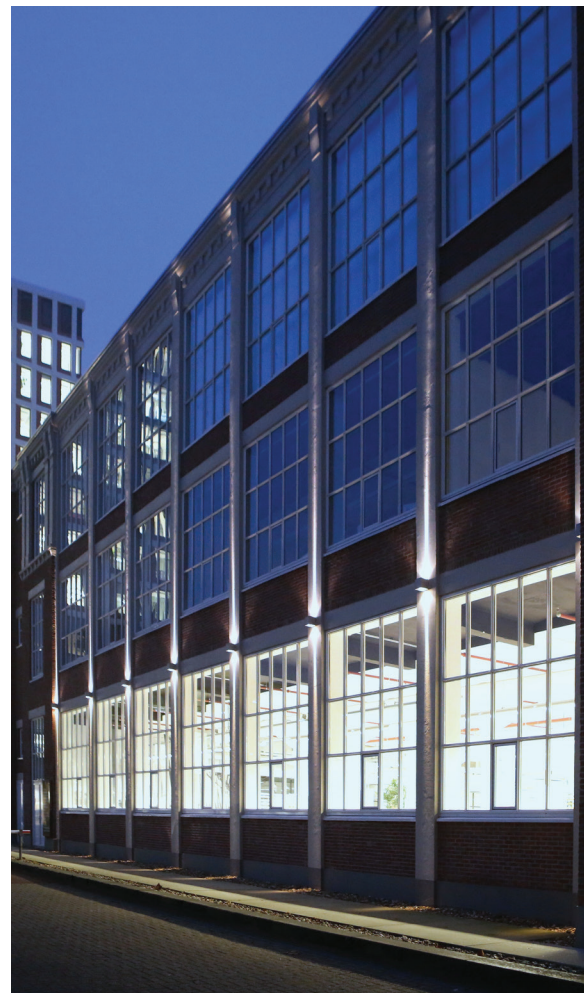
The Matrix uses high efficiency, long life LEDs and is designed to illuminate the wall and surfaces in front of the wall, as well as light accents on vertical and horizontal surfaces. The Matrix is suitable for indoor and outdoor applications.

This luminaire is available with decorative spikes and can be used with various combinations of light distribution optics.

This luminaire can be mounted at different angles to produce interesting decorative lighting effects on the side of the building facade.

The standard Matrix is designed to mount over a 3" octagonal j-box, a 4" j-box cover plate is available upon request.

Matrix Product Family



UMT-31396

Matrix 1 Surface

7144 NE Progress Ct | T:503.645.0500
Hillsboro, Oregon 97124 | F:503.645.8100
www.ligmanlightingusa.com



PROJECT					DATE	
QUANTITY		TYPE		NOTE		

ORDERING EXAMPLE || UMT - 31396 - 6/14w - N - W30 - 02 - 120/277v - Options

UMT-31396					
	LAMP	BEAM	LED COLOR	FINISH COLOR	VOLTAGE
	6/14w COB 1128 Lumens Down 80 Lumens Up	N - Narrow 20° M - Medium 25° W - Wide 36° VW - Very Wide 74°	W27 - 2700K W30 - 3000K W35 - 3500K W40 - 4000K	01 - BLACK RAL 9011 02 - DARK GREY RAL 7043 03 - WHITE RAL 9003 04 - METALLIC SILVER RAL 9006 05 - MATTE SILVER RAL 9006 06 - LIGMAN BRONZE 07 - CUSTOM RAL	120/277v Other - Specify

ADDITIONAL OPTIONS		

NAT - Natatorium Rated
F - Frosted Lens
4J - Mounting Plate for 4" Junction Box
DIM - 0-10v Dimming

COLORED DICHROIC FILTERS
RD - Red Lens
BL - Blue Lens
GR - Green Lens
AM - Amber Lens
[Specify Other Color]



From: [Robert Miller](#)
To: [Dianne Massa](#); [selmiger](#)
Cc: [Raffi Kuredjian](#); [Chuck BEDERIAN](#)
Subject: 150-156 N Center Street
Date: Friday, June 12, 2020 2:24:52 PM
Attachments: [Wall Mount Light Fixture.pdf](#)

Hi Dianne:

I spoke with Sally yesterday regarding the additional required information for the HDC review. Attached is the demolition review information for the commission. Additionally, attached is a cut sheet for the proposed accent light that will be used on the brick pilasters, and below is a construction schedule; all per the review letter received. If you have any questions please let me know; thank you!

Construction Schedule:

	Start Date	Exterior Completion Date	Occupancy Date
Approximately:	10-01-2020	10-30-2020	11-30-2020

Sincerely,

Robert E Miller, aia
principal



114 Rayson St
Suite 2C
Northville, MI
48167
248 349 2708 o
843 503 1941 c
[marchitects.com](#)

(please note our website is under construction)