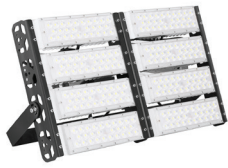
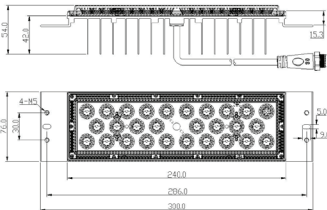


## Product Overview

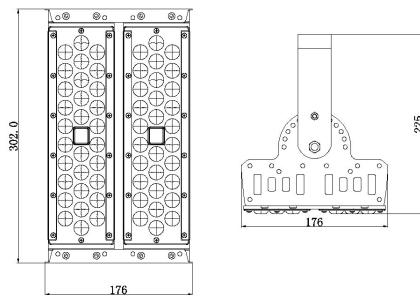


### Dimensions

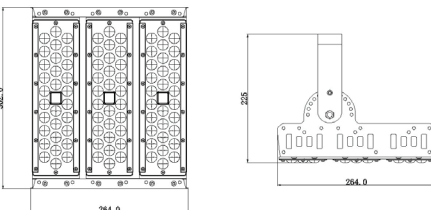
50W



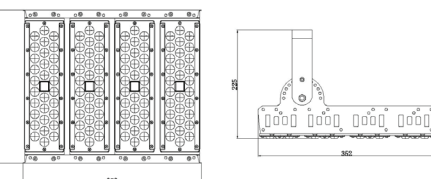
100W



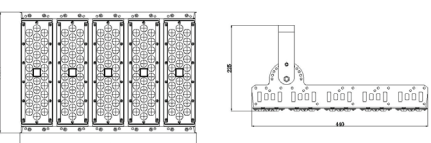
150W



200W



250W



### Features

#### Optics:

Lights have available 25°, 40°, 60° & 90° optics in PC plastic. Using machined PC lens, luminous efficiency can raise as high as 8% over traditional lenses and light transmittance up to 98%.

#### Electrical:

Expected Life: LED light engines are rated at >100,000 hours at 25°C, L70. Driver has expected life of 100,000 hours at 25°C ambient. Lower energy consumption, saves an estimated 40-60% over HID. Robust Surge Protection: Provides a minimum of IEEE C62.41 10kV/5kA protection. Each fixture is equip with wire leads for quick conneciton. Bridgelux 5050 chips.

#### Mechanical:

Each light comes equipt with a rugged die-cast housing which is polyester powder-coated for durability and corrosion resistance. Each light comes equipt with a strudy surface mount pivot bracket, impact & vibration resistance rating: IK08. IP66 rated.

#### Controls:

Brilled Smart controls available for off-site monitoring, efficient lighting contorl, scheduled on/off, light usage monitoring, power consumption etc.

#### Standards

Rated for -40°C ~ 50°C  
CRI > 78  
UL Rated Driver  
100-277V or 200-480V 50-60HZ  
Power Factor > 0.95

#### Applications:

Stadium  
Large Parking  
Storage Lot  
Light Tower

For 300, 400 & 500W systems, lights are side by side. Width of housing is 607mm.

Project

Location

Part Number

Type

Qty

Notes

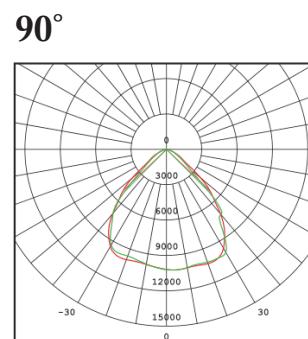
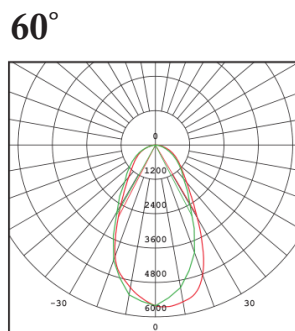
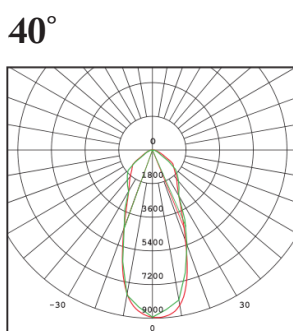
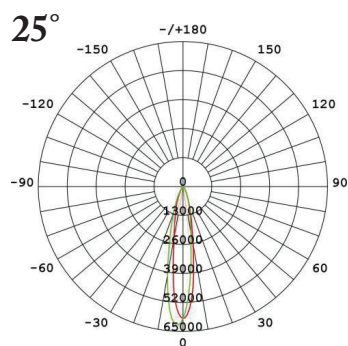
# Ordering Information

## Ordering Guide

Example: MFLD-400-UNIV-170-5K-NON-SC-BK-90

Product Class	Wattage	Voltage	Lumen Per Watt	LED Color	Driver Dimming	Controls	Finish	Optics	Optional	
<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	
MFLD Modular Flood LED	50	UNIV 110-277VAC	130	3K 3000K	Non Non Dimming Driver	Non No con- trols	BK Black	25	SLP Slip Fitter Bracket	
	100		170					40		
	150	HV 200-480VAC					GR Grey	60		
	200					90				
	250									
	300									
	400									
500										

## Light Distribution



## Performance

Watts	Optics	5000K CCT			LLD @ 25°C			
		Delivered Lumens	Efficacy (LPW)		50k Hours	75k Hours	100k Hours	
50	25	8,540	171		.99	.97	.95	
	40	8,534	171		.99	.97	.95	
	60	8,524	171		.99	.97	.95	
	90	8,422	171		.99	.97	.95	
100	25	16,980	170		.99	.97	.95	
	40	16,968	170		.99	.97	.95	
	60	16,949	170		.98	.97	.95	
	90	16,745	170		.98	.97	.95	
150	25	25,469	171		.98	.97	.95	
	40	25,601	171		.98	.97	.95	
	60	25,573	171		.98	.97	.95	
	90	25,265	171		.98	.97	.95	
200	25	33,759	169		.97	.95	.92	
	40	33,736	169		.97	.95	.92	
	60	33,699	169		.97	.95	.92	
	90	33,293	169		.97	.95	.92	
250	25	41,950	168		.97	.94	.92	
	40	41,920	168		.97	.94	.92	
	60	41,874	168		.97	.94	.92	
	90	41,370	168		.97	.94	.92	
300	25	50,639	169		.95	.91	.88	
	40	50,604	169		.95	.91	.88	
	60	50,548	169		.95	.91	.88	
	90	49,940	169		.95	.91	.88	
400	25	66,720	167		.93	.89	.87	
	40	66,673	167		.93	.89	.87	
	60	66,599	167		.93	.89	.87	
	90	65,798	167		.93	.89	.87	
500	25	83,899	168		.91	.85	.81	
	40	83,840	168		.91	.85	.81	
	60	83,748	168		.91	.85	.81	
	90	82,740	168		.91	.85	.81	

NOTE: Information above is based on 5000k - 170lm/w nominal system. Individual fixture performance may vary.

Modular Flood LLD Multiplier	15°C	20°C	25°C	30°C	40°C
	1.02	1.01	1	.98	.95

To calculate the LLD for a temp other than 25°C, multiply the LLD @ 25°C by the LLD multiplier for the selected temp.

**BRILLED**  
LIGHTING

Brilled Lighting 156 S 600 W, Logan, UT 84321  
www.BrilledLighting.com  
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**Warranty** 10 Year limited warranty. Complete warranty terms are located at:  
www.BrilledLighting.com  
Actual performance may differ as a result of end user environment and application.  
All values are design or typical values, measured under laboratory conditions at 25°C.  
Specifications subject to change without notice.