Marvo™
LED Flood & Area Light
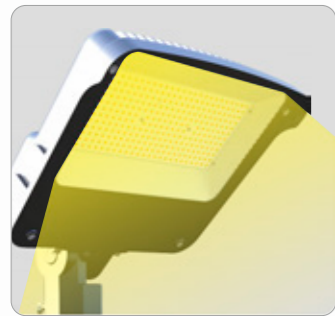## Dedicated Wattage

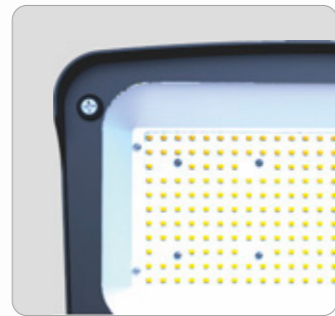**E-LITE** semicon

EXTRAORDINARY PERFORMANCE

Featuring universal mounting choices and exquisite design, this innovative MARVO™ offers the best value in the commercial&industrial flood light market.

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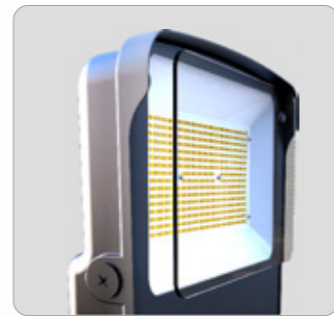
PRODUCT
FEATURES & BENEFITS

High Efficacy Up to 140LPW

High-reflectance white reflector maximizes output

Tempered glass lens won't yellow

Integrated Visor Reduces Observable Glare

Photocell

Slim & Sturdy One-piece Die Cast Aluminum Housing

5 YEARS WARRANTY

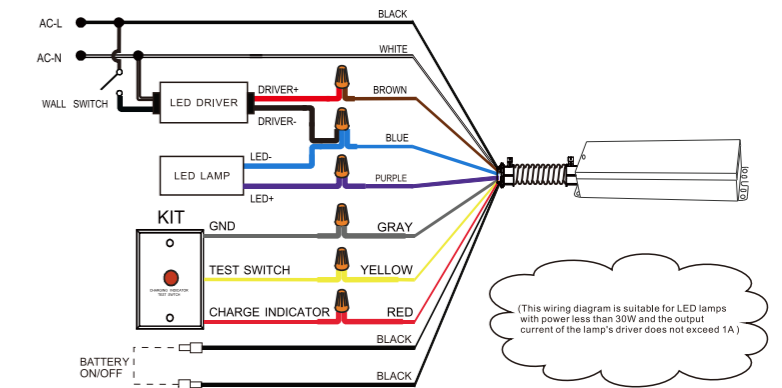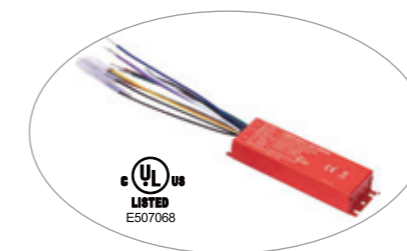**E-LITE** semicon / Hello@elitesemicon.com / www.elitesemicon.com

EMERGENCY POWER PACK (OPTIONAL)

Emergency power pack installed in the light fixture as an option to provide ≥ 90 mins emergency lighting, which is switched on automatically in case of external power cut off.
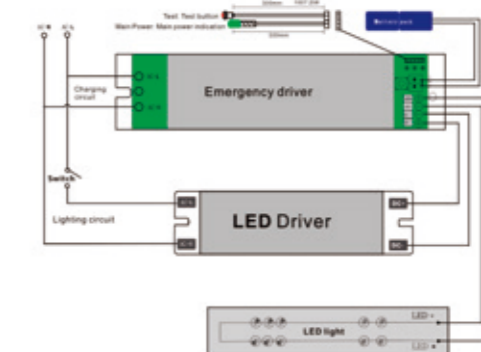
For North America Market

Rated Voltage	AC 100-277V	Emergency Time	≥90MIN	Switch-over Time	≤1S
Main Power Consumption	5W	IP Rating	IP65	Battery Specification	LI-ION/3.6V/2600mAH
Charging Time	≤24H	Operating Temperature	0℃-55℃	Control	Individual Control

cULus
LISTED
E507068

AC-L
AC-N
WALL SWITCH
LED DRIVER
DRIVER+ BROWN
DRIVER- BLUE
LED LAMP
LED- PURPLE
LED+
KIT
GND GRAY
TEST SWITCH YELLOW
CHARGE INDICATOR RED
BLACK
BATTERY
ON/OFF
BLACK

BLACK
WHITE

(This wiring diagram is suitable for LED lamps with power less than 30W and the output current of the lamp's driver does not exceed 1A.)

For EU & Other Market

Rated Voltage	AC 100-277V	Emergency Time	≥90MIN	Switch-over Time	≤1S
Main Power Consumption	≤15W	IP Rating	IP65/IP30	Battery Specification	NI-cd/12V/1500mAh
Charging Time	≤24H	Operating Temperature	-10℃-55℃	Control	Individual Control

Test: Test button
Main Power: Main power indicator
Charging
circuit
Emergency driver
Switch
Lighting circuit
LED Driver
LED light

PERFORMANCE

LEDS	Philips Lumileds
CCT	4500~5500K (Standard) 2500~6500K (Optional)
CRI	≥70
100K	L70>120,000 Hours
	100-277 VAC
PF	0.95 min
	IP66
IK	IK08
	Corrosive Resistant Polyester Powder
	Tempered Glass
	Operating Temperature:-45°C to +45°C (-49°F to 113°F) Storing Temperature:-45°C to +80°C (-49°F to 176°F)
	15% to 95% RH

RoHS   DLC Premium   c UL us LISTED   CB   CE

SPECIFICATIONS

| Part#	Power	Efficacy(IES)	Total Lumen	N.W	Product Dimensions
EL-MVFL-20	20W	140LPW	2,800lm		
EL-MVFL-30	30W	140LPW	4,200lm		
EL-MVFL-40	40W	140LPW	5,600lm	1.5kg / 3.3lbs	228×203×60mm 8.9×7.9×2.3in
EL-MVFL-50	50W	140LPW	7,000lm		
EL-MVFL-60	60W	140LPW	84,00lm		
EL-MVFL-80	80W	140LPW	11,200lm		
EL-MVFL-100	100W	140LPW	14,000lm		
EL-MVFL-150	150W	140LPW	21,000lm	3.5kg / 7.7lbs	338.5×323×80mm 13.3×12.7×3.15in
EL-MVFL-200	200W	140LPW	28,000lm		

PHOTOMETRICS

120° （Without Additional Louver）
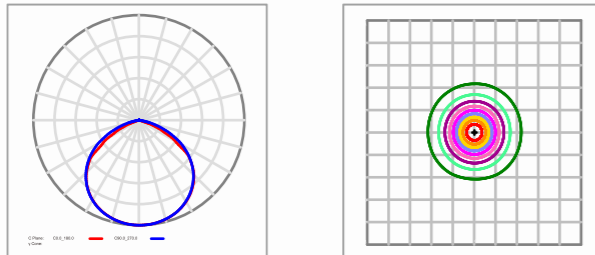
100x120° （With Additional Louver）
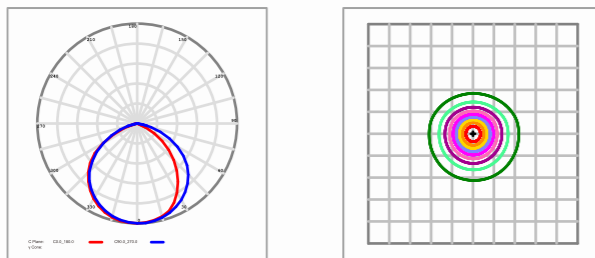
INSTALLATION

For high performance and long term reliability, the light should be installed in free air.

Universal Hanging Bracket

1. Rotate the bracket to the desired angle and tighten screw to lock it.
2. Bolt the universal mounting bracket to the field mounting point. Bolt the center point before thetwo side points. Tighten the bolts to wrench tight.
3. Wiring.(Connect supply wires to luminaire wire leads per the wiring diagram using methods that comply with all applicable codes.)
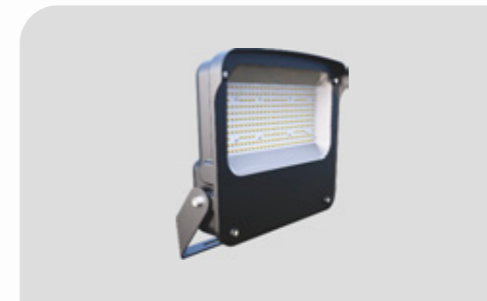
U Bracket Mount

Trunnion

Slip Fitter

Knuckle

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ORDERING INFORMATION

E-LITE semicon

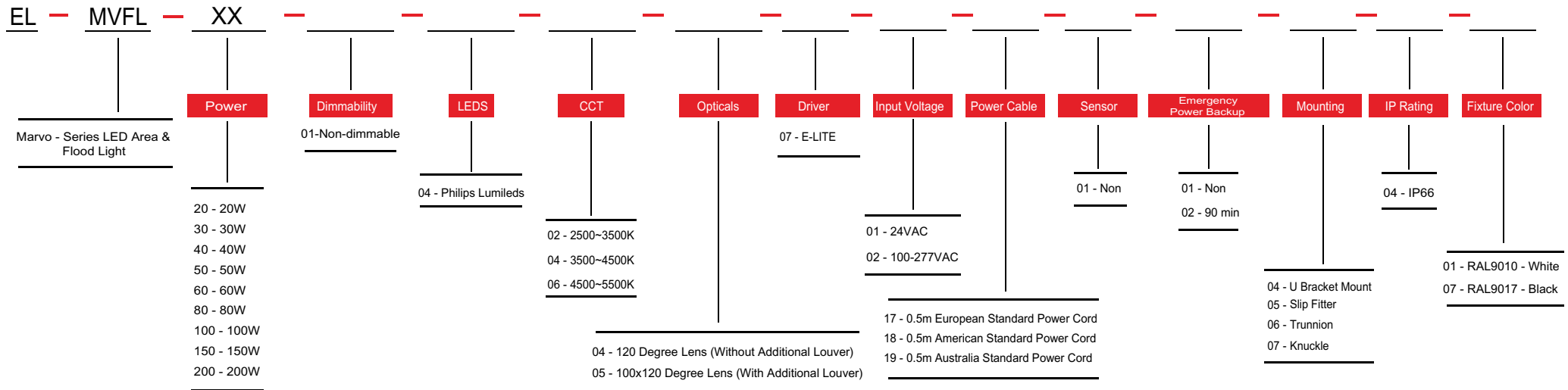EL — MVFL — XX — — — — — — — — — — — — —

| | | Power | Dimmability | LEDS | CCT | Opticals | Driver | Input Voltage | Power Cable | Sensor | Emergency Power Backup | Mounting | IP Rating | Fixture Color |

Marvo - Series LED Area & Flood Light

Power
20 - 20W
30 - 30W
40 - 40W
50 - 50W
60 - 60W
80 - 80W
100 - 100W
150 - 150W
200 - 200W

Dimmability
01-Non-dimmable

LEDS
04 - Philips Lumileds

CCT
02 - 2500~3500K
04 - 3500~4500K
06 - 4500~5500K

Opticals
04 - 120 Degree Lens (Without Additional Louver)
05 - 100x120 Degree Lens (With Additional Louver)

Driver
07 - E-LITE

Input Voltage
01 - 24VAC
02 - 100-277VAC

Power Cable
17 - 0.5m European Standard Power Cord
18 - 0.5m American Standard Power Cord
19 - 0.5m Australia Standard Power Cord

Sensor
01 - Non

Emergency Power Backup
01 - Non
02 - 90 min

Mounting
04 - U Bracket Mount
05 - Slip Fitter
06 - Trunnion
07 - Knuckle

IP Rating
04 - IP66

Fixture Color
01 - RAL9010 - White
07 - RAL9017 - Black

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