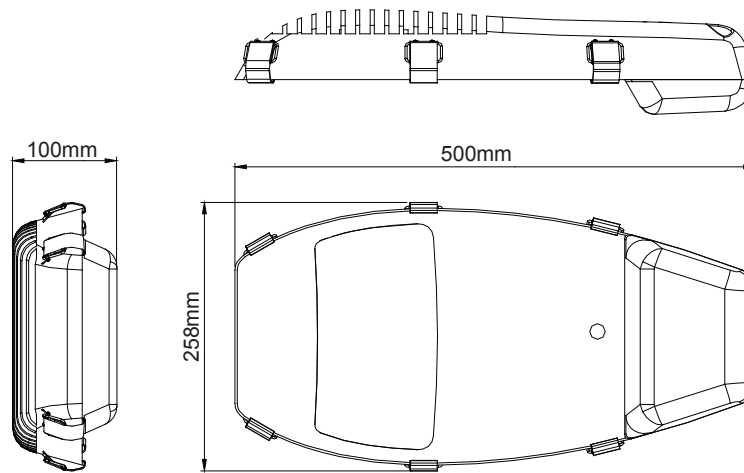


# MercuryLED AMBER

MercuryLED AMBER Light Fixture for Side-Entry and Lower-Entry Mounting

## Dimensions



## Applications

The high-power LED street lights from the MercuryLED AMBER series bring brilliant light to streets, sidewalks, parking spots and open spaces. These LED fixtures are energy efficient and are of low maintenance costs due to their extremely long life span.

MercuryLED AMBER series is produced with the latest LED development .

The amber color light is exactly the same as sodium vapor lamps' 590nm light output. This amber light is gentle to drivers' eyes and enables drivers to see better and further.

## Features & Benefits

- 5 years full performance warranty
- Low power consumption
- Instant on/off operation
- Universal input 100-277 V, 50/60Hz
- Superior color rendering index compared to traditional fixtures
- Mercury free
- L70 rated for 50.000 hrs @ 25°C
- Amber light
- Ease of maintenance. LED and power supply can be replaced without using any tool.
- Very high efficiency at over 125Lm/W.

CE RoHS Compliant IP65

## Construction

Housing & Heat Sink:	Die-casting ADC12
Finish:	White powder coating RAL 9003
Lens:	Temperd glass
Mercury Content:	0.0 mg
Mounting:	Side entry or Lower entry
Installation Height:	6-12 m
Pole Diameter:	42-60 mm
Classification:	Full cut off

## Photometric Information

LED:	COB
Eulumdat Dateien (ldt):	Available on request
IESNA LM79 Dateien (ies):	Available on request
CCT:	2200K
Ra:	65
Lamp Efficiency:	125lm/W
Beam Angle:	100°
Luminous Flux:	5,000-15,000 lm (see table on page 4)

## Electrical Specifications

Operating Voltage:	100-277 V, 50/60 Hz
LED Power Consumption:	36W 44W 52W 70W 88W 108W
Power Supply Consumption:	4W 6W 8W 10W 12W 12W
LED Drive Current:	1400 mA-2000 mA
Operating Temperature:	-40°C... +50°C
Protection Class:	I
Harmonics Directive:	EN61000-3-2
Surge Protection:	EN 61000-4-5
THD:	< 10%
Power Factor:	0.92

## Mechanical Information

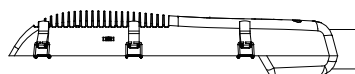
Net Weight:	5.15 kg
Gross Weight:	5.67 kg

## Packing Dimensions

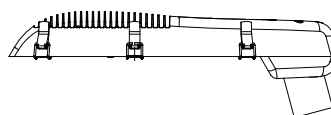
530x 280 x 138 mm

## Mounting

Stainless steel brackets for side entry installation



Stainless steel brackets for lower entry installation



## Dimming Features

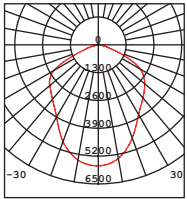
Not dimmable

## Ordering Codes

Ordering Code	Product Name	Lumen	CCT	Beam Angle	LED Power	PS Power
ML0404X10522W	MercuryLED AMBER 40	5,000 lm	2200K	100°	36 W	4 W
ML0504X10522W	MercuryLED AMBER 50	6,250 lm	2200K	100°	44 W	6 W
ML0604X10522W	MercuryLED AMBER 60	7,500 lm	2200K	100°	52 W	8 W
ML0804X10522W	MercuryLED AMBER 80	10,000 lm	2200K	100°	70 W	10 W
ML1004X10522W	MercuryLED AMBER 100	12,500 lm	2200K	100°	88 W	12 W
ML1204X10522W	MercuryLED AMBER 120	15000 lm	2200K	100°	108 W	12 W

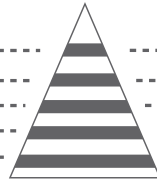
## Luminous Intensity Distribution

Beam Angle 100°

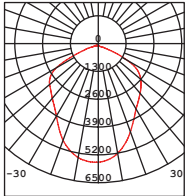


ML0404X10522W  
ML0504X10522W  
ML0604X10522W

H	Eavg / Emax			Diameter	
1 m	998.7 / 2421 lux	----	----	218.01	cm
2 m	259.1 / 620.2 lux	---	---	436.02	cm
3 m	149.1 / 293.4 lux	---	---	654.03	cm
4 m	93.52 / 186.3 lux	--	--	872.04	cm
5 m	65.01 / 128.5 lux	-	-	1090.05	cm

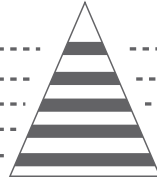


Beam Angle 100°



ML0804X10522W  
ML1004X10522W  
ML1204X10522W

H	Eavg / Emax			Diameter	
1 m	1521 / 3670 lux	----	----	218.01	cm
2 m	390.1 / 921.1 lux	---	---	436.02	cm
3 m	195.4 / 420.5 lux	---	---	654.03	cm
4 m	114.51 / 256.7 lux	--	--	872.04	cm
5 m	95.15 / 168.1 lux	-	-	1090.05	cm





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