

CATALOG NO. _____

TYPE NO. _____

JOB NAME _____

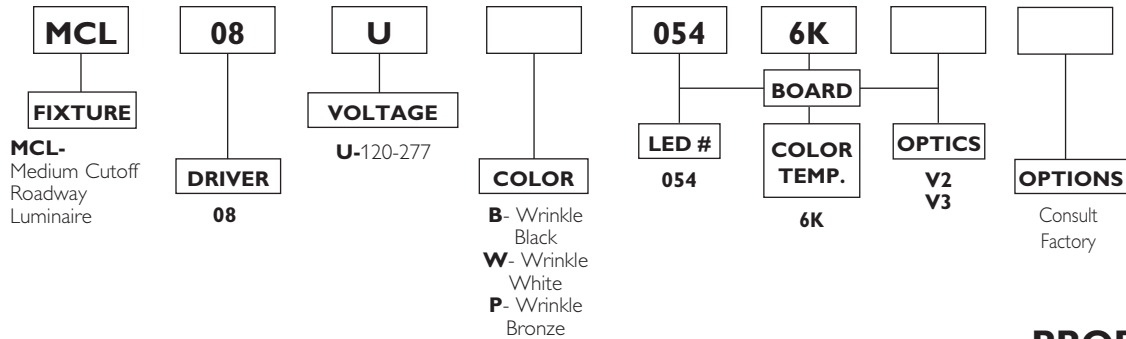
MCL Series Medium Cutoff Roadway Luminaire

Featuring Philips LED Technology



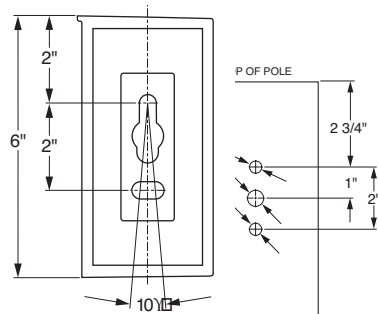
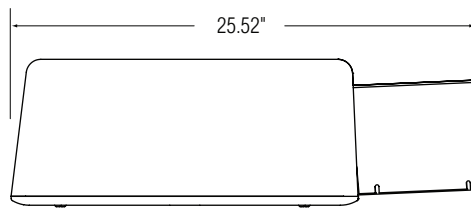
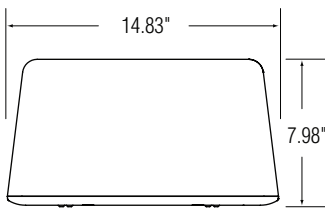
ORDERING INFORMATION

Catalog Number: Example: MCL08UB0546KV3



NOTE: Not for use in car washes.

TECHNICAL INFORMATION



UL Wet Location Listed.
UL File Number: E86021

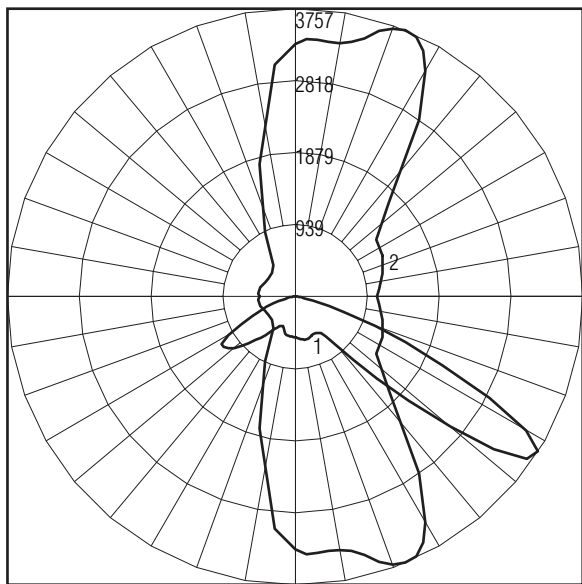
PRODUCT SPECIFICATIONS

- MCL Cutoff Luminaire is ideal for any outdoor application where tight light control is needed to prevent glare and light trespass. Perfect for roadways and parking lots.
- Functions in environments with temperatures that range from -30°C to 40°C.
- One-piece die-cast aluminum housing is finished in Duraplex II wrinkle bronze polyester standard.
- Optional designer finishes available. (Consult factory)
- Fully tempered soda lime glass lens.
- Electronic Class II LED driver accepts 120-277v, 50/60hz input (constant current).
- High-output LEDs.
- Individual precision optics collect and redirect light to optimize performance.
- Patented Philips LED Optical System individually controls the placement of light in the target area minimizing glare.
- LEDs have an average rated life of 60,000 hours.
- Integral cast aluminum heat sink ensures cool operation.
- Key slot design allows for single person hook and placement of fixture leaving hands free for wiring.



MCL Series Medium Cutoff Roadway LED

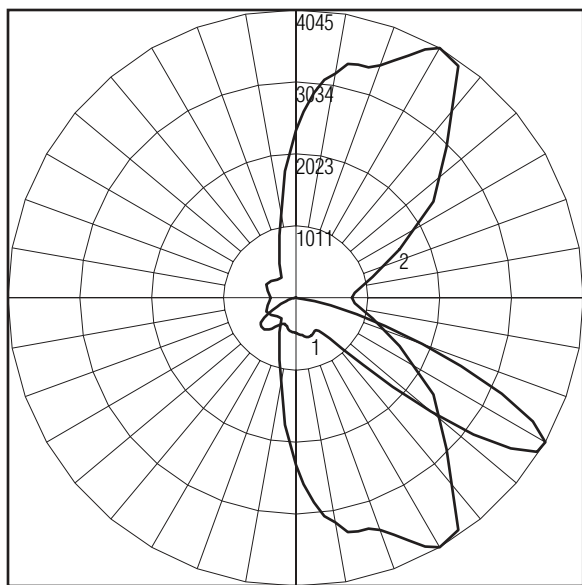
PHOTOMETRICS



MCL ROADWAY LED AREA LIGHT - TYPE II
WITH INTERNAL ACRYLIC COLLUMATOR AND FLAT GLASS LENS
54 WHITE LEDS. LUMEN OUTPUT = 4099 LMS.
ABSOLUTE PHOTOMETRY

Characteristics

IES Classification	Type II
Longitudinal Classification	Short
Cutoff Classification (deprecated)	Full Cutoff
Total Rated Lamp Lumens	4099
Maximum Candela	3757
Maximum Candela Angle	67.5H 57.5V
Maximum Candela At 90 Degrees Vertical	0 (0.0% Lamp Lms)
Maximum Candela from 80 to <90 Degrees Vertical	151 (3.7% Lamp Lms)
Downward Total Efficiency	100.4%
Total Luminaire Watts	95
Ballast Factor	1.00



MCL ROADWAY LED OUTDOOR AREA LIGHT - TYPE III
WITH INTERNAL ACRYLIC COLLUMATOR AND FLAT GLASS LENS
54 WHITE LEDS. LUMEN OUTPUT = 4395 LMS.

Characteristics

IES Classification	Type III
Longitudinal Classification	Short
Cutoff Classification (deprecated)	Semi-Cutoff
Total Rated Lamp Lumens	4395
Maximum Candela	4045
Maximum Candela Angle	60H 60V
Maximum Candela At 90 Degrees Vertical	0 (0.0% Lamp Lms)
Maximum Candela from 80 to <90 Degrees Vertical	456 (10.4% Lamp Lms)
Downward Total Efficiency	100.4%
Total Luminaire Watts	95
Ballast Factor	1.00

MOUNTING ACCESSORIES

MCLTA25R-two @ 90°

MCLTA35R-three @ 120°

MCLRPA4-MCL 4" Round Pole Adapter

MCLTA10R-MCL Tenon Adapter
(2 3/8 OD) drilled for one

MCLTA20R-MCL Tenon Adapter
(2 3/8 OD) drilled for two @ 180°

MCLTA30R-MCL Tenon Adapter
(2 3/8 OD) drilled for three

MCLTA40R-MCL Tenon Adapter
(2 3/8 OD) drilled for four

MCLTA25S-two @ 90°

MCLTA10S-MCL Tenon Adapter
(2 3/8 OD) drilled for one SQ

MCLTA20S-MCL Tenon Adapter
(2 3/8 OD) drilled for two @ 180° SQ

MCLTA30S-MCL Tenon Adapter
(2 3/8 OD) drilled for three SQ

MCLTA40S-MCL Tenon Adapter
(2 3/8 OD) drilled for four SQ

MC10-MCL 5" SQ Wall Mounting Plate

206WBR-MCL 5" SQ Thru Wire Box

MCLARMTLRSC-MCL 6" arm with
Twist Lock Photocontrol and Shorting Cap



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www.philips.com/luminaires

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Philips Lighting Company
200 Franklin Square Drive
Somerset, NJ 08873
Phone: 855-486-2216

Philips Lighting Company
281 Hillmount Road
Markham ON, Canada L6C 2S3
Phone: 800-668-9008