

LEDway® Multi

IP66 Street Light – Mounting M – TM (Type II Medium)

Product Description

Luminaire housing is all aluminum construction. All components are mercury free and recyclable. Sharp profile for low wind exposure. Tooless entry. Mechanically solid and with an extremely strong build, this fixture is the ideal solution for industrial applications. The various different mounting systems available make this fixture extremely versatile and ideal for ceiling, busway and wall mounting installations.

Performance Summary

Utilizes BetaLED® Technology

Patented NanoOptic® Product Technology

CRI: Minimum 70 CRI

CCT: 5700K (+/- 500K) Standard, 4000K (+/- 300K)

Warranty†:

Class 1 - 10 years on luminaire/10 years on Colorfast DeltaGuard® finish

Class 2 - 5 years on luminaire/10 years on Colorfast DeltaGuard® finish

Accessories and available mounting systems

Field Installed Accessories

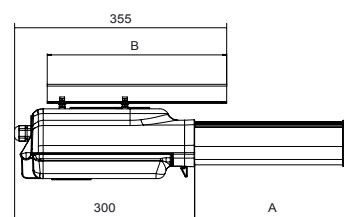
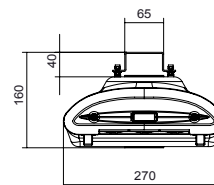
BRDSPK30
Bird Spikes for Light Engine, 20-30 LEDs

BRDSPK60
Bird Spikes for Light Engine, 40-60 LEDs

BRDSPK120
Bird Spikes for Light Engine, 80-120 LEDs

PM-MLW
Mounting for ceiling applications. Configured for busway mounting (M6 bolts) 20-60 LEDs

PM-MLLW
Mounting for ceiling applications. Configured for busway mounting (M6 bolts) 80-120 LEDs



LED Count	Dimension "A"	Dimension "B"	Weight
20	156mm	300mm	7,52kg
30	156mm	300mm	7,92kg
40	270mm	300mm	9,22kg
50	270mm	300mm	10,42kg
60	270mm	300mm	10,52kg
80	552mm	600mm	14,72kg
90	552mm	600mm	14,82kg
100	552mm	600mm	14,92kg
110	552mm	600mm	15,02kg
120	552mm	600mm	15,12kg

Ordering Information

Example: LXDTMM102EGSV15

L	X	D	TM	M	O2	E	G	SV	I5
Product	Insulation Class	Model	Optic	Mounting	LED Count (x10)	Version	Options (consult company for available options)	Color Options*	Drive Current
LEDway	X Class 1 Y Class 2	D Multi	TM Type II Medium	M (configuration for ceiling and busway mounting)	02 03 04 05 06 08 09 10 11 12	E	No code 5700K 43 4000K K# Light Control with Occupancy Sensor** - Flux dimming control with occupancy sensor D# Power Line Communication System (PLC) - Power line control system with dimmable driver G# Bi-Level Control - Two distinct power levels, High/Low D Dimmable Driver - Dimmable driver 1-10V with external controller S# Virtual Midnight - Two levels option with virtual midnight - Available up to 100 LEDs in class 1 - Available up to 60 LEDs in class 2 T# Reprogrammable Virtual Midnight - Reprogrammable 2 levels option with virtual midnight R# Flux Dimming - Integral dimming system with plants including flux regulators - Available up to 100 LEDs in class 1 - Available from 80 to 120 LEDs in class 2	SV Silver (Standard) BK Black BZ Bronze SB Silver Bronze WH White	No Code 700mA I5 525mA I3 350mA

* Light engine portion of extrusion is not painted and will remain natural aluminum regardless of color selection

† See www.cree-europe.com for warranty terms

** Not available in Class 2



Rev. Date: 14 March 2014



Product Specifications

BETALED® TECHNOLOGY

LEDway® Multi luminaires are powered by BetaLED® Technology delivering outstanding illumination, lasting performance and optimum energy efficiency. Patented NanoOptic® technology optimizes target illumination, performance and offers flexibility with multiple optic choices. NanoOptic compliant with light pollution and photobiological safety standards.

CONSTRUCTION & MATERIALS

- Housing is all aluminum construction
- Designed with 1-10V dimming capabilities. Controls by others
- Available mounting systems:
 - PM-MLW mounting for ceiling applications. Configured for busway mounting (M6 bolts) 20-60 LEDs
 - PM-MLLW mounting for ceiling applications. Configured for busway mounting (M6 bolts) 80-120 LEDs
- Exclusive Colorfast DeltaGuard® finish features an E-Coat epoxy primer with an ultradurable powder topcoat, providing excellent resistance to corrosion, ultraviolet degradation and abrasion. Standard is Silver. Bronze, Black, White, and Silver Bronze are also available

ELECTRICAL SYSTEM

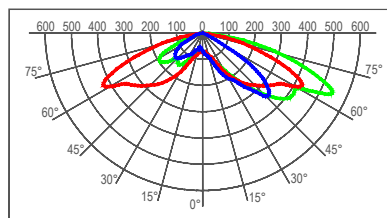
- Input Voltage:** 220 – 240Vac (capable 120-277Vac, please consult company for available configurations) 50/60Hz
- Power Factor:** > 0.9 at full load
- Total Harmonic Distortion:** < 20% at full load

REGULATORY & VOLUNTARY QUALIFICATIONS

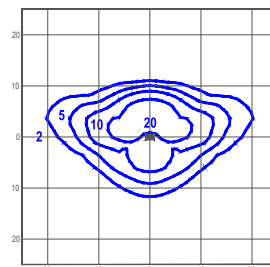
- CE Listed
- ENEC Listed only for class II
- Enclosure rated IP66 per IEC 60529
- 10kV surge suppression protection tested in accordance with IEEE/ANSI C62.41.2, for Class 1 only
- Luminaire and finish are endurance tested to withstand 5,000 hours of elevated ambient salt fog as defined in ASTM Standard B 117
- RoHS Compliant

Photometry

All published luminaire photometric testing performed to IESNA LM-79-08 standards by a NVLAP certified laboratory.



cd/klm
 — C0 - C180 — C90 - C270 — C15 - C195



lux

Test Report #: CESTL-2013-0025

LXDTMM04E43
 Mounting Height: 6m
 Initial Delivered Lumens: 7137

IES Files

To obtain an IES file specific to your project, please consult www.cree-europe.com

Lumen Output, Electrical, and Lumen Maintenance Data

Effective Flux (lm) - TM (Type II Medium) Distribution						
LED Count (x10)	5700K	4000K	System Watts 220-240V	Total Current (A)	50K Hours Projected Lumen Maintenance Factor @ 15° C (59° F)	L ₇₀ Life* (hours)
	Delivered Lumens	Delivered Lumens		230V		
350mA @ 25° C (77° F)						
02	2016	1955	25	0.13	94%	>150000
03	3023	2933	35	0.17		
04	4031	3911	46	0.21		
05	5039	4889	56	0.27		
06	6047	5866	66	0.31		
08	8063	7822	89	0.42		
09	9070	8800	99	0.46		
10	10078	9777	108	0.52		
11	11086	10755	117	0.58		
12	12094	11733	126	0.62		
525mA @ 25° C (77° F)						
02	2903	2816	37	0.17	93%	149000
03	4354	4224	52	0.24		
04	5805	5632	70	0.30		
05	7256	7040	86	0.39		
06	8708	8448	99	0.45		
08	11610	11263	141	0.59		
09	13061	12671	157	0.65		
10	14513	14079	172	0.74		
11	15964	15487	187	0.83		
12	17415	16895	203	0.89		
700mA @ 25° C (77° F)						
02	3679	3569	49	0.23	91%	129000
03	5518	5353	70	0.32		
04	7357	7137	91	0.40		
05	9196	8922	112	0.52		
06	11036	10706	132	0.60		
08	14714	14275	183	0.79		
09	16553	16059	203	0.86		
10	18393	17844	224	1.02		
11	20232	19628	243	1.12		
12	22071	21412	264	1.26		

* Based on fixture operating at 25° C