

LEDway® Multi

IP66 Street Light – Mounting M – 1S (Type I Short)

Product Description

Luminaire housing is all aluminum construction. All components are mercury free and recyclable. Sharp profile for low wind exposure. Toolless 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

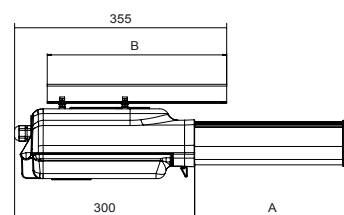
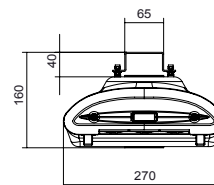
BRDSPK30
Bird Spikes for Light Engine, 20-30 LEDs

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: LXDISM02EGSVI5

L	X	D	1S	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	1S Type I Short	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



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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

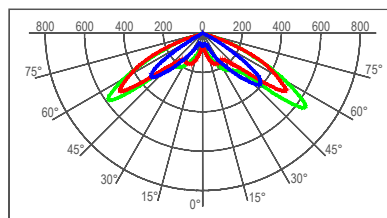
- Input Voltage:** 220 - 240Vac (capable 120-277Vac, please consult company for available configurations) 50/60Hz
- Power Factor:** > 0.9 at full load
- Total Harmonic Distortion:** < 20% at full load

REGULATORY & VOLUNTARY QUALIFICATIONS

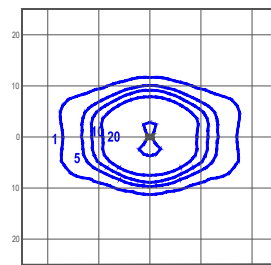
- CE Listed
- ENEC Listed only for class II
- Enclosure rated IP66 per IEC 60529
- 10kV surge suppression protection tested in accordance with IEEE/ANSI C62.41.2, for Class 1 only
- Luminaire and finish are endurance tested to withstand 5,000 hours of elevated ambient salt fog as defined in ASTM Standard 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 — C25 - C205



lux

Test Report #: CESTL-2013-0070

LXD1SM04E43
 Mounting Height: 6m
 Initial Delivered Lumens: 8822

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) - 1S (Type I Short) 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)					94%	>150000
02	2491	2417	25	0.13		
03	3737	3625	35	0.17		
04	4982	4834	46	0.21		
05	6228	6042	56	0.27		
06	7474	7251	66	0.31		
08	9965	9668	89	0.42		
09	11211	10876	99	0.46		
10	12456	12084	108	0.52		
11	13702	13293	117	0.58		
12	14947	14501	126	0.62		
525mA @ 25° C (77° F)					93%	149000
02	3587	3480	37	0.17		
03	5381	5220	52	0.24		
04	7175	6961	70	0.30		
05	8968	8701	86	0.39		
06	10762	10441	99	0.45		
08	14350	13921	141	0.59		
09	16143	15661	157	0.65		
10	17937	17402	172	0.74		
11	19731	19142	187	0.83		
12	21524	20882	203	0.89		
700mA @ 25° C (77° F)					91%	129000
02	4547	4411	49	0.23		
03	6820	6616	70	0.32		
04	9093	8822	91	0.40		
05	11366	11027	112	0.52		
06	13640	13232	132	0.60		
08	18186	17643	183	0.79		
09	20459	19849	203	0.86		
10	22733	22054	224	1.02		
11	25006	24259	243	1.12		
12	27279	26465	264	1.26		

* Based on fixture operating at 25°C

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