

LEDway® Multi

IP66 Street Light – Mounting M – TS (Type II 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

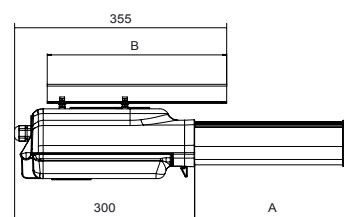
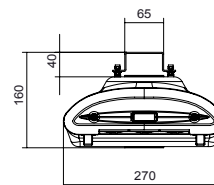
BRDSPK30
Bird Spikes for Light Engine, 20-30 LEDs

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: LXDTSM02EGSVI5

L	X	D	TS	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	TS Type II 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



www.cree-europe.com

Ph. +39 055 343081 Fax +39 055 34308200

IP66 Street Light – Mounting M – TS (Type II Short)

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

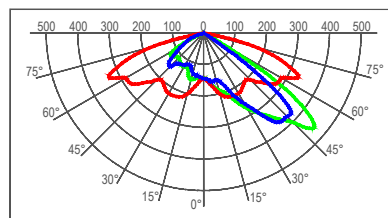
- Input Voltage:** 220 – 240Vac (capable 120-277Vac, please consult company for available configurations) 50/60Hz
- Power Factor:** > 0.9 at full load
- Total Harmonic Distortion:** < 20% at full load

REGULATORY & VOLUNTARY QUALIFICATIONS

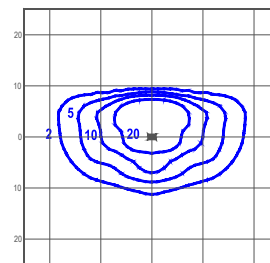
- CE Listed
- ENEC Listed only for class II
- Enclosure rated IP66 per IEC 60529
- 10kV surge suppression protection tested in accordance with IEEE/ANSI C62.41.2, for Class 1 only
- Luminaire and finish are endurance tested to withstand 5,000 hours of elevated ambient salt fog as defined in ASTM Standard 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 — C55 - C235



lux

Test Report #: CESTL-2013-0072

LXDTSM04E43
Mounting Height: 6m
Initial Delivered Lumens: 8058

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) - TS (Type II 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	2276	2208	25	0.13		
03	3413	3311	35	0.17		
04	4551	4425	46	0.21		
05	5689	5519	56	0.27		
06	6827	6623	66	0.31		
08	9102	8831	89	0.42		
09	10240	9934	99	0.46		
10	11378	11038	108	0.52		
11	12516	12142	117	0.58		
12	13654	13246	126	0.62		
525mA @ 25° C (77° F)					93%	149000
02	3277	3179	37	0.17		
03	4915	4769	52	0.24		
04	6554	6358	70	0.30		
05	8192	7948	86	0.39		
06	9831	9537	99	0.45		
08	13107	12716	141	0.59		
09	14746	14306	157	0.65		
10	16384	15895	172	0.74		
11	18023	17485	187	0.83		
12	19661	19074	203	0.89		
700mA @ 25° C (77° F)					91%	129000
02	4153	4029	49	0.23		
03	6229	6043	70	0.32		
04	8306	8058	91	0.40		
05	10382	10072	112	0.52		
06	12459	12087	132	0.60		
08	16612	16116	183	0.79		
09	18688	18130	203	0.86		
10	20765	20145	224	1.02		
11	22841	22159	243	1.12		
12	24918	24174	264	1.26		

* Based on fixture operating at 25°C

© 2013 Cree, Inc. and/or one of its subsidiaries. All rights reserved. For informational purposes only. Content subject to change. See www.cree.com/patents for patents that cover these products. Cree®, the Cree logo, BetaLED®, NanoOptic®, and Colorfast DeltaGuard® are registered trademarks, and the BetaLED Technology logo, Precision Delivery Grid™ and LEDway® are trademarks of Cree, Inc. or one of its subsidiaries.

www.cree-europe.com

Ph. +39 055 343081 Fax +39 055 34308200

