

# LEDway® Multi

IP66 Street Light – Mounting M – AC (Type IV Medium)

## 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

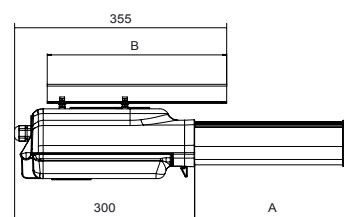
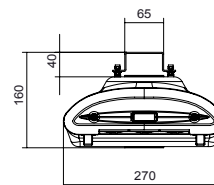
**BRDSPK30**  
Bird Spikes for Light Engine, 20-30 LEDs

**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: LXDACM02EGSVI5

L	X	D	AC	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
<b>LEDway</b>	<b>X</b> Class 1  <b>Y</b> Class 2	<b>D</b> Multi	<b>AC</b> Type IV Medium	<b>M</b> (configuration for ceiling and busway mounting)	<b>02</b> <b>03</b> <b>04</b> <b>05</b> <b>06</b> <b>08</b> <b>09</b> <b>10</b> <b>11</b> <b>12</b>	<b>E</b>	<b>No code 5700K</b> <b>43 4000K</b> <b>K# Light Control with Occupancy Sensor**</b> - Flux dimming control with occupancy sensor <b>D# Power Line Communication System (PLC)</b> - Power line control system with dimmable driver <b>G# Bi-Level Control</b> - Two distinct power levels, High/Low <b>D Dimmable Driver</b> - Dimmable driver 1-10V with external controller <b>S# Virtual Midnight</b> - Two levels option with virtual midnight - Available up to 100 LEDs in class 1 - Available up to 60 LEDs in class 2 <b>T# Reprogrammable Virtual Midnight</b> - Reprogrammable 2 levels option with virtual midnight <b>R# Flux Dimming</b> - 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	<b>SV</b> Silver (Standard)  <b>BK</b> Black  <b>BZ</b> Bronze  <b>SB</b> Silver Bronze  <b>WH</b> White	<b>No Code</b> 700mA  <b>I5</b> 525mA  <b>I3</b> 350mA

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

† See [www.cree-europe.com](http://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

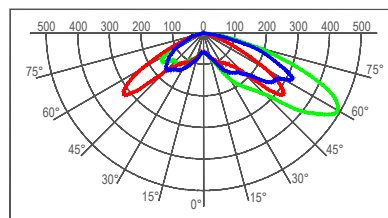
- Input Voltage:** 220 – 240Vac (capable 120-277Vac, please consult company for available configurations) 50/60Hz
- Power Factor:** > 0.9 at full load
- Total Harmonic Distortion:** < 20% at full load

### REGULATORY & VOLUNTARY QUALIFICATIONS

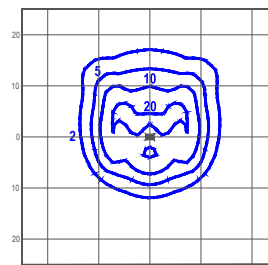
- CE Listed
- ENEC Listed only for class II
- Enclosure rated IP66 per IEC 60529
- 10kV surge suppression protection tested in accordance with IEEE/ANSI C62.41.2, for Class 1 only
- Luminaire and finish are endurance tested to withstand 5,000 hours of elevated ambient salt fog as defined in ASTM Standard 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 — C45 - C225



lux

Test Report #: CESTL-2013-0028

LXDACM04E43  
 Mounting Height: 6m  
 Initial Delivered Lumens: 7358

### IES Files

To obtain an IES file specific to your project, please consult [www.cree-europe.com](http://www.cree-europe.com)

## Lumen Output, Electrical, and Lumen Maintenance Data

Effective Flux (lm) - AC (Type IV 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 <sub>70</sub> Life* (hours)
	Delivered Lumens	Delivered Lumens		230V		
350mA @ 25° C (77° F)						
02	2078	2016	25	0.13	94%	>150000
03	3117	3024	35	0.17		
04	4156	4032	46	0.21		
05	5195	5039	56	0.27		
06	6233	6047	66	0.31		
08	8311	8063	89	0.42		
09	9350	9071	99	0.46		
10	10389	10079	108	0.52		
11	11428	11087	117	0.58		
12	12467	12095	126	0.62		
525mA @ 25° C (77° F)						
02	2992	2903	37	0.17	93%	149000
03	4488	4354	52	0.24		
04	5984	5805	70	0.30		
05	7480	7257	86	0.39		
06	8976	8708	99	0.45		
08	11968	11611	141	0.59		
09	13464	13062	157	0.65		
10	14960	14514	172	0.74		
11	16456	15965	187	0.83		
12	17952	17416	203	0.89		
700mA @ 25° C (77° F)						
02	3792	3679	49	0.23	91%	129000
03	5688	5518	70	0.32		
04	7584	7358	91	0.40		
05	9480	9197	112	0.52		
06	11376	11036	132	0.60		
08	15168	14715	183	0.79		
09	17064	16555	203	0.86		
10	18960	18394	224	1.02		
11	20856	20233	243	1.12		
12	22752	22073	264	1.26		

\* Based on fixture operating at 25°C