

## Technical Specifications: NXT™ Luminaire “M” Series (48, 60, 72 LEDs)\*

SERIES/MODEL	NXT-48M (48 LEDs)					NXT-60M (60 LEDs)					NXT-72M (72 LEDs)				
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### Electrical

Available Drive Currents (mA)	350mA	450mA	525mA	600mA	700mA	350mA	450mA	525mA	600mA	700mA	350mA	450mA	525mA	600mA	700mA
Power Consumption <sup>1</sup> (w)	55W	70W	82W	94W	109W	68W	88W	103W	117W	137W	82W	105W	123W	141W	164W
Input Voltage <sup>2</sup> (v)	120 - 240V					120 - 240V					120 - 240V				
Surge Protection	ANSI C-High (10kV)					ANSI C-High (10kV)					ANSI C-High (10kV)				
Power Factor	>0.90					>0.90					>0.90				

### Optics & Performance

Distributions Available	Type II (2LB, 2HB, 2ES), Type III (3LB, 3HB)					Type II (2LB, 2HB, 2ES), Type III (3LB, 3HB)					Type II (2LB, 2HB, 2ES), Type III (3LB, 3HB)				
Color Temperature (CCT) <sup>3</sup>	5000K (Standard) 4000 & 4500K (Optional)					5000K (Standard) 4000 & 4500K (Optional)					5000K (Standard) 4000 & 4500K (Optional)				
Color Rendering Index (CRI) <sup>1</sup>	~70 (±5)					~70 (±5)					~70 (±5)				
Drive Current (mA)	350mA	450mA	525mA	600mA	700mA	350mA	450mA	525mA	600mA	700mA	350mA	450mA	525mA	600mA	700mA
Fixture Efficacy (Lm/W) <sup>4</sup>	104	101	99	96	93	104	101	99	96	93	104	101	99	96	93
Fixture Output (Lm) <sup>4</sup>	5,681	7,092	8,089	9,034	10,197	7,102	8,865	10,112	11,293	12,747	8,522	10,638	12,134	13,551	15,296
Lens material	IK09 Rated Glass					IK09 Rated Glass					IK09 Rated Glass				

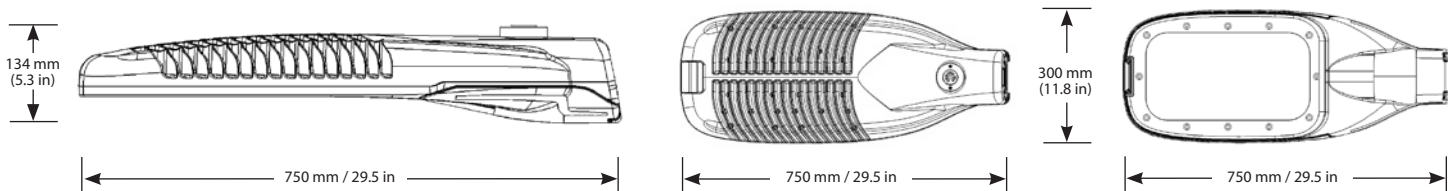
### Mechanical & Operating

Housing	Single piece, die-cast A360 aluminum					Single piece, die-cast A360 aluminum					Single piece, die-cast A360 aluminum				
Operating temperature range	-40 to +40C					-40 to +40C					-40 to +40C				
Mounting	42-60mm (1.625"-2.375") O.D. tenons					42-60mm (1.625"-2.375") O.D. tenons					42-60mm (1.625"-2.375") O.D. tenons				
Mounting Methods	Horizontal or Post-Top Mount					Horizontal or Post-Top Mount					Horizontal or Post-Top Mount				
Weight	26 lbs (estimate)/11.8 kg					26 lbs (estimate)/11.8 kg					26 lbs (estimate)/11.8 kg				
Width (maximum)	300 mm (11.8 in)					300 mm (11.8 in)					300 mm (11.8 in)				
Length (maximum)	750 mm (29.5 in)					750 mm (29.5 in)					750 mm (29.5 in)				
Height (maximum)	134 mm (5.3 in)					134 mm (5.3 in)					134 mm (5.3 in)				
EPA rating	Est. < 0.084 m <sup>2</sup> (0.9 ft <sup>2</sup> )					Est. < 0.084 m <sup>2</sup> (0.9 ft <sup>2</sup> )					Est. < 0.084 m <sup>2</sup> (0.9 ft <sup>2</sup> )				
Finish	Durable polyester powdercoat topcoat. Consult factory for color selections.														

### Photocell & Control Options<sup>5</sup>

Photocell Receptacle	NEMA twist-lock					NEMA twist-lock					NEMA twist-lock				
Photocell Options	20 year life photocell					20 year life photocell					20 year life photocell				
Control & Monitoring	Dimming power supply (1-10V) is standard equipment. Available with integrated Streetlight Intelligence system.														

If post-top version is specified, please add 137 mm / 5.4 inches to overall length dimension



#### NOTES:

1. Data shown is +/-5%
  2. Input voltages: 120-240 V. Other voltages coming soon.
  3. Color temperature shown is +/- 500K
  4. Data shown is for 5000K CCT and Type III distribution.
  5. Photocells and control options must be specified and ordered separately.
- \* All information provided is subject to change without notice.

