

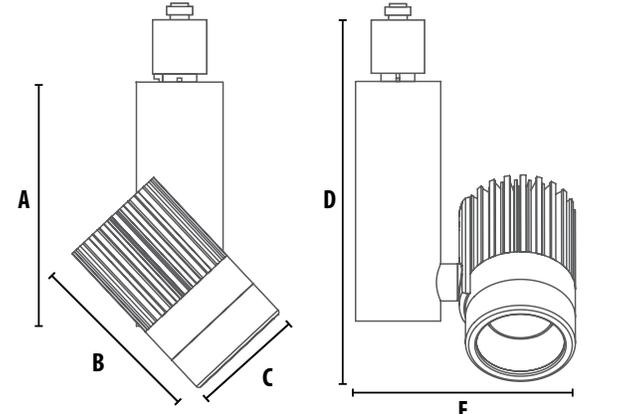


# MB1200

MB-LED Solid State Track Luminaire 1200lm 29.5W



- 82 CRI
- 92 CRI
- 5 YR LIMITED WARRANTY
- LM-79-08 TESNA
- PS Pro-Series
- ETL Intertek



MB Dimension With	A	B	C	D	E
16° Optic	6 1/8"	4 3/4"	2 7/8"	8 11/16"	5 3/4"
24°, 32° and 50° Optic	6 1/8"	4 1/2"	2 3/4"	8 3/4"	5 3/4"

### Housing Matrix | Example : MB120030B-FL24-PS

	A	B	C	D	E
<b>A</b> Series			<b>D</b> Beam Spread		
<b>MB1200</b>	1200 lm MB-LED 29.5W		<b>-SP16</b> 16° Spot <sup>2</sup> <b>-FL24</b> 24° Narrow Flood <b>-FL32</b> 32° Flood <b>-FL50</b> 50° Wide Flood		
<b>B</b> Color Temperature			<b>E</b> Adapter		
<b>30</b>	3000K 82 CRI		blank Intense Single / Two Circuit 120V		
<b>309</b>	3000K 92 CRI		<b>-PS</b> Pro-Series 120V		
<b>35</b>	3500K 82 CRI		<b>-PS-27</b> Pro-Series 277V		
<b>C</b> Finish			<b>-J</b> J-Type Adapter		
<b>W</b>	White Semi Gloss		<b>-L</b> L-Type Adapter		
<b>B</b>	Black Satin				
<b>SV</b>	Silver Satin				
<b>SN</b>	Brushed Satin Nickel				
<b>C</b>	Custom RAL <sup>1</sup>				

**Notes:**  
 1 - Custom powder coat finish available. Consult Factory.  
 2 - 16° Spot optic requires a reflector with a larger diameter. An additional collar is added to the luminaire and the lower reflector is removed.

### Control Media |

MBLED track luminaire will accommodate a maximum of (2) filter media. No accessory holder required.

### For use with 24°, 32°, and 50° optic.

Diffusion Filters	Color Filters	Louvers
<b>PFL-CL1-S</b> Prismatic Spread Lens	<b>PL-CL5-S</b> Amber Lens	<b>PFLMB</b> Black Hex Louver
<b>PFL-CL2-S</b> Linear Spread Lens	<b>PL-CL6-S</b> Red Lens	
	<b>PL-CL9-S</b> Blue Lens	

### For use with 16° optic.

Diffusion Filters	Color Filters	Louvers
<b>PFL-CL1-S16</b> Prismatic Spread Lens	<b>PL-CL5-S16</b> Amber Lens	<b>PFLMB-16</b> Black Hex Louver
<b>PFL-CL2-S16</b> Linear Spread Lens	<b>PL-CL6-S16</b> Red Lens	
	<b>PL-CL9-S16</b> Blue Lens	

### Features:

- Energy efficient solid state light source
- Clean architectural design
- High quality uniform illumination without pixilation
- Optimal glare control
- Capability to accept up-to-two light control media
- Extruded & Die-Cast aluminum construction
- Compatible with Professional Series track system

### LED Light Engine:

- Nominal input power: 29.5W
- Nominal delivered light output: 1200 lumen
- 3000K, 3500K, 4100K 82 CRI
- 3000K 92 CRI
- LED mounted to die-cast / extruded aluminum heat sink
- 50,000 of average rated life at 70% output

### Electrical System:

- 120V/277V 50/60Hz input
- 1750mA constant current output
- Class 2 power supply
- Over voltage, over current and short circuit protection: Auto recovery
- MTBF > 100,000 hours
- Dimming not available

### Track Compatibility:

Track luminaire is designed for use with the following track systems:

- Single Circuit/Single Neutral 120V
- Two Circuit/Single Neutral 120V
- Pro-Series Single Circuit / Two Neutral 120V
- Pro-Series Two Circuit / Two Neutral 277V

### Listing/Warranty:

- ETL Listed to US and Canadian standards for dry locations.
- 5-Year Limited Warranty
- Lighting Facts Registration Number: MB1200 / 24° - LSDN-1FYCH

Catalog Number	Type
Notes	





<b>Catalog Number</b>	<b>Type</b>
<b>Notes</b>	

# MB1200

**Catalog#:** MB120030

1200lm MB LED Track Luminaire

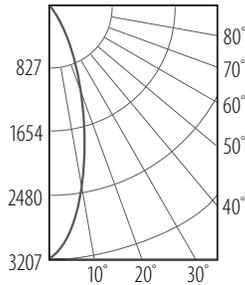
Total Input Watts: 29.5W

Color Temperature: 3000K

CRI: 82

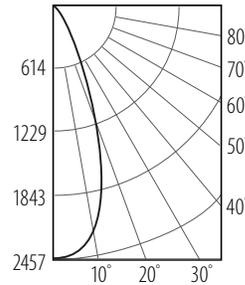


**24° Narrow Flood**



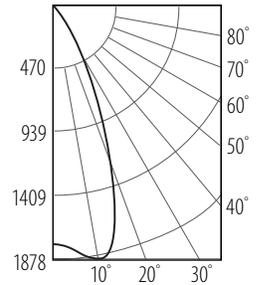
Lumens: 1193  
LPW: 40

**32° Flood**



Lumens: 1177  
LPW: 40

**50° Wide Flood**



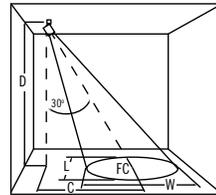
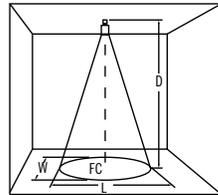
Lumens: 1170  
LPW: 39

## APPLICATION DATA:

**W** and **L** are the outer points where the candle power drops to 50% of maximum. **FC** are the initial foot candles at the center of the beam.

*Illuminated width & length are based upon point at which illuminance falls to 50% of center illuminance. Recommended spacing is based upon uniform illuminance aiming angle is the angle between the lamp axis and the perpendicular to the illuminated plane.*

- W** Beam width
- L** Beam length
- C** Distance to center of beam
- D** Distance
- FC** Foot candles



**0°**

D	FC	W	L
6'	91.8	3.1	3.1
7'	67.4	3.7	3.7
8'	54.6	4.2	4.2
9'	40.8	4.7	4.7

**30° HORIZONTAL**

D	C	FC	W	L
5'	3.0	85.9	3.0	3.6
6'	3.6	59.6	3.6	4.3
7'	4.2	43.8	4.2	5.0
8'	4.8	33.5	4.8	5.7



**1200 lm 24° NFL**

MB 1200lm  
24° Narrow Flood

All testing was conducted in accordance with **LM-79-08**, Approved Method: Electrical and Photometric Measurements of Solid-State Lighting Products as published by the Illuminating Engineering Society of North America (IESNA).

Stabilization time before testing exceeded 16 hours.  
Ambient temperature during testing was 25° C ± 1° C.

TRACK LIGHTING R-041411 P-78

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Note: Specifications and dimensions subject to change without notice.

