



MINIMAX[®] NSP BLUETOOTH

track mounted addressable LED spotlight



MiniMax NSP Bluetooth
with Ring Baffle (OG)
(beam smoother not in use)

MiniMax NSP Bluetooth
with Open Aperture (OH)



aperture view



aperture view

- **Luminaire is equipped with a Xicato XIM Gen4 LED module**, an IOT device with embedded micro-processor and Bluetooth Low Energy chip, controllable via a smart device with iOS or Windows based apps. Features include
 - standard Bluetooth Wireless connectivity
 - addressable individually
 - on/off control
 - dimming to 0.1%.
 - data collection and storage for power consumption and LED performance
 - direct listening to switches and sensors
 - embedded Eddystone, iBeacon and/or AltBeacon beacons
- **Bluetooth controls and integral rotary dimmer can be specified together in the same fixture.** Users can dim by the protocol of their choice, switching between the two options as desired.
- **Luminaire may be configured to mount to any of eighteen 20-amp, 120-volt track systems** – or – to any of six 277-volt track systems.
- **Fixture function can be changed with your choice of Quick Change Cartridge** – which can be removed from the fixture easily – **and your choice of 'twist and lock' reflector.**
- **Quick Change Cartridge / Reflector choices**
 - **Quick Change Cartridge** with a **ring baffle (OG)** for enhanced beam control; for use with 10° or 24° reflectors
 - **Quick Change Cartridge** with a **open aperture (OH)** for maximum efficacy; for use with 10° or 24° reflectors
- Fixture is ordered with a single Quick Change Cartridge and a single reflector. Additional Quick Change Cartridges and reflectors may be ordered as accessories.
- **Optical Accessories:** Each Quick Change Cartridge accepts one or two of a number of spread lenses, color filters and screens. A complimentary Beam Smoother is included.
- **A concealed swivel provides 385° horizontal rotation and vertical adjustment from 0° to 90°.** The swivel is permanently tensioned, allowing the luminaire to remain fixed at any angle. Luminaire can be locked in place by depressing a hinged ("lever lock") bar so that it lies flush with the top of the housing. Lifting the lever lock frees the swivel.
- **MiniMax luminaires have seamless aluminum housings** and cast aluminum tops for lightweight durability and heat dissipation.
- **For more information, [click here.](#)**

USB Key

To address this fixture from a Windows-based PC, laptop or tablet, a USB key (dongle) is required. Contact factory for USB key.

For the outlet box mounted version of this luminaire, see [MiniMax NSP-OBM Bluetooth.](#)

MiniMax NSP Bluetooth is a track mounted 10° or 24° spotlight powered by one of a number of Xicato XIM Gen4 9mm modules, all of which are distinguished by extraordinary color consistency (within 1x2-step MacAdam ellipse). See tables on the reverse for wattages and efficacies.

PRODUCT CODE

For complete product code, list basic unit and select one item from each following box.

| | |
|--|--------|
| Basic Unit | MM-XIS |
| Quick Change Cartridge | |
| Ring Baffle | + OG |
| Open Aperture | + OH |
| Beam Spread Reflector (specify one to ship with fixture) | |
| 10° narrow spot..... | - 10D |
| 24° spot..... | - 24D |
| Track Configuration | |
| 120-volt track (e.g. SightLine) | - 2C |
| 277-volt track (e.g. HighLine) | - HC |
| Finish | |
| white..... | - WH |
| black..... | - BL |
| Industrial Silver | - SI |
| custom color..... | - CC |
| Light Source Output | |
| 700 lumens / CRI 98 Artist | - L07A |
| 700 lumens / CRI 80+ standard | - L07S |
| 700 lumens / CRI 80+ Vibrant | - L07V |
| 1000 lumens / CRI 98 Artist | - L10A |
| 1300 lumens / CRI 80+ standard | - L13S |
| 1300 lumens / CRI 80+ Vibrant | - L13V |
| Light Color | |
| 2700 K | - 27K |
| 3000 K | - 30K |
| 3500 K | - 35K |
| 4000 K | - 40K |
| Circuit Limitations | |
| Luminaire operates only on track circuits with <u>no</u> dimmer on the circuit | |

OPTION

Integral Dimmer: rotary dimmer located in side of driver case; dims to 1% on 120 or 277 volt track; see detail below - ID

EXTRA CARTRIDGES & REFLECTORS

Specify as separate line items.

| | |
|-------------------------------|-------------------|
| Quick Change Cartridge | |
| Ring Baffle | RK-MM+OG |
| Open Aperture | RK-MM+OH |
| Reflector | |
| 10° spot reflector | RK-MM-XTS-REF-10D |
| 24° spot reflector | RK-MM-XTS-REF-24D |

OPTICAL ACCESSORIES ▼ See next page



INTEGRAL DIMMER OPTION (ID)

Integral rotary dimmer located in one side of the driver case: Dimmer control shaft is spring loaded, permitting shaft to be exposed for adjustment then depressed flush to conserve dimmer setting. "Clock face" markings permit registration of dimmer setting.



OPTICAL ACCESSORIES

Suitable for use only with 'OG' model luminaire with lens clips.

Specify as separate line items.

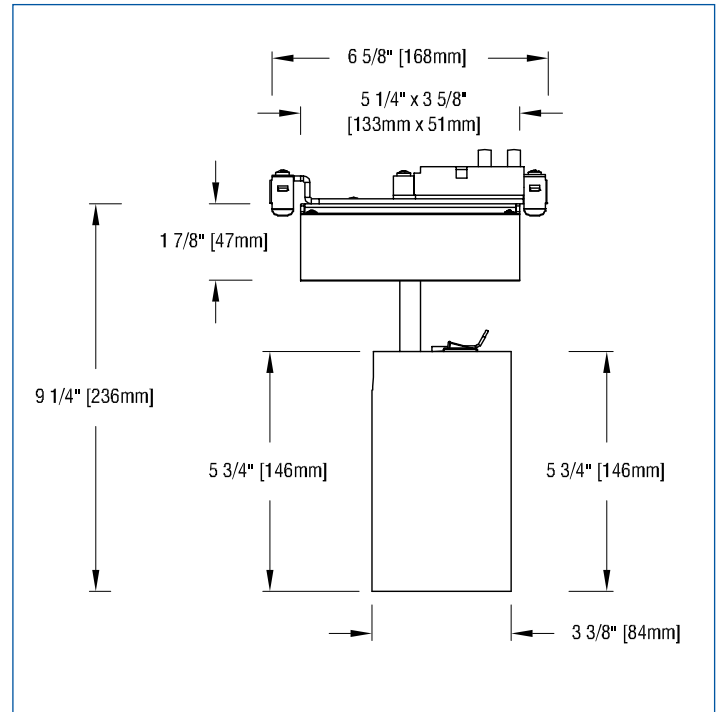
All are 2 3/4" (70mm) dia. Lenses and filters are glass; screens are aluminum.

| | |
|---|----------------|
| diffuse glass | DGS/2.75 |
| prismatic lens (Solite) | PLS/2.75 |
| 55° spread lens | LENS/2.75 |
| 40° x 70° spread lens | LENS/2.75-4070 |
| beam smoother | CLR/2.75 |
| color filters | |
| Daylight Blue | DAY/2.75 |
| Surprise Pink | PNK/2.75 |
| amber | AMB/2.75 |
| blue | BLU/2.75 |
| green | GRN/2.75 |
| red | RED/2.75 |
| 33% light reduction screen | SCR33/2.75 |
| 50% light reduction screen | SCR50/2.75 |

MODIFICATIONS AVAILABLE

Contact factory with quantity for pricing; orders may require shop drawing approval.

For modified stem lengths up to 72", add the following to the end of the product code:
+ number of inches.



APPLICATIONS

Luminaire is listed for mounting on Edison Price Lighting 120-volt or 277-volt track.

Fixture Spacing Requirements The track adapter of this fixture is 6 5/8" long. For this reason 1) it cannot be track-mounted closer than 6 7/8" on center and 2) it cannot be used with 2 of our 7 **Unicep** single-fixture track units.

– see below for photometric reports –



PHOTOMETRIC REPORT with 10° reflector (tested per IESNA LM-79-2008)



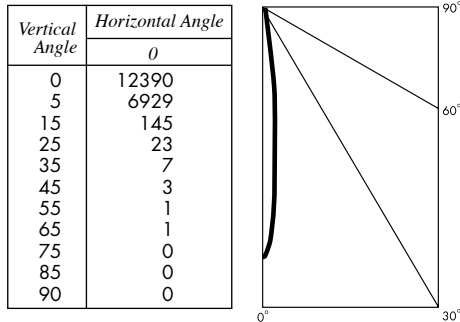
Prorated from Verification Services Report No. 1197591. Original test report furnished upon request.

Luminaire track-mounted LED accent light with a 10° reflector and black ring-baffle (NO LENS)

Lamp Xicato XIM 9mm LED Module, 1300 lumens, 3000K

Lamp Life rated 50,000 hours based on L70/B50 criteria. LM80 report by LED manufacturer furnished upon request

CANDLEPOWER DISTRIBUTION



LUMINAIRE LIGHT OUTPUT AND EFFICACY

| LED Module Type | Luminaire Light Output | Luminaire CBCP | Luminaire Efficacy (lms/watt) | System Wattage |
|--------------------------------|------------------------|----------------|-------------------------------|----------------|
| 700 Lumens Artist | 307* | 6815* | 22* | 14 |
| 700 Lumens standard & Vibrant | 307* | 6815* | 27* | 11 |
| 1000 Lumens Artist | 430* | 9528* | 19* | 23 |
| 1300 Lumens standard & Vibrant | 559 | 12,390 | 29 | 19 |

*estimated values

PHOTOMETRIC REPORT with 24° reflector (tested per IESNA LM-79-2008)



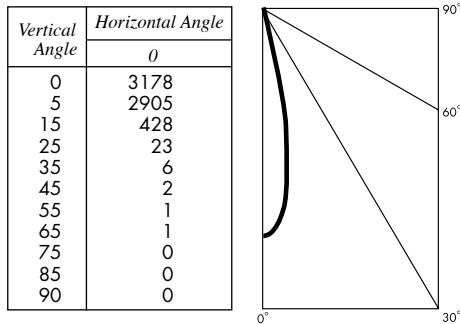
Prorated from Verification Services Report No. 1197593. Original test report furnished upon request.

Luminaire track-mounted LED accent light with a 24° reflector and black ring-baffle (NO LENS)

Lamp Xicato XIM 9mm LED Module, 1300 lumens, 3000K

Lamp Life rated 50,000 hours based on L70/B50 criteria. LM80 report by LED manufacturer furnished upon request

CANDLEPOWER DISTRIBUTION



LUMINAIRE LIGHT OUTPUT AND EFFICACY

| LED Module Type | Luminaire Light Output | Luminaire CBCP | Luminaire Efficacy (lms/watt) | System Wattage |
|--------------------------------|------------------------|----------------|-------------------------------|----------------|
| 700 Lumens Artist | 224* | 1747* | 16* | 14 |
| 700 Lumens standard & Vibrant | 224* | 1747* | 20* | 11 |
| 1000 Lumens Artist | 314* | 2444* | 14* | 23 |
| 1300 Lumens standard & Vibrant | 408 | 3178 | 21 | 19 |

*estimated values

STANDARD DRIVER INFORMATION (UL Class 2, dry and damp location)

| Voltage | 120 | 277 |
|--|-----------------|-----------------|
| Input Watts (L07A/L10A/L7S&V/13S&V) | 14/23/11/19 | 14/23/11/19 |
| Input Current(A) (L07A/L10A/L7S&V/13S&V) | .12/.19/.09/.16 | .05/.08/.04/.07 |
| Output Voltage (V) | 48 | 48 |
| Min. Power Factor | 0.90 | 0.90 |
| Operating Temperature Range (F) | -13 to 122 | -13 to 122 |

LIGHT OUTPUT MULTIPLIER

| LED Module Type | Light Output Multiplier |
|--------------------------------|-------------------------|
| 700 Lumens Artist | .55* |
| 700 Lumens standard & Vibrant | .55* |
| 1000 Lumens Artist | .77* |
| 1300 Lumens standard & Vibrant | 1 |

*estimated values

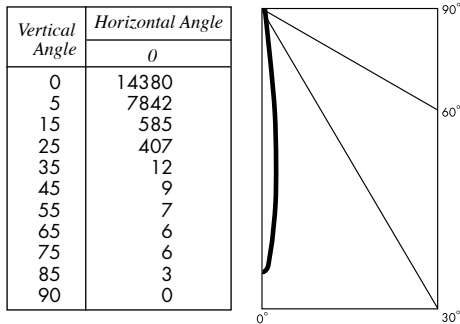
PHOTOMETRIC REPORT with 10° reflector (tested per IESNA LM-79-2008)



Prorated from Verification Services Report No. 1197590. Original test report furnished upon request.

Luminaire track-mounted LED accent light with a 10° reflector and black lens holder (NO LENS)
 Lamp Xicato XIM 9mm LED Module, 1300 lumens, 3000K
 Lamp Life rated 50,000 hours based on L70/B50 criteria. LM80 report by LED manufacturer furnished upon request

CANDLEPOWER DISTRIBUTION



LUMINAIRE LIGHT OUTPUT AND EFFICACY

| LED Module Type | Luminaire Light Output | Luminaire CBCP | Luminaire Efficacy (lms/watt) | System Wattage |
|--------------------------------|------------------------|----------------|-------------------------------|----------------|
| 700 Lumens Artist | 496* | 7909* | 36* | 14 |
| 700 Lumens standard & Vibrant | 496* | 7909* | 42* | 11 |
| 1000 Lumens Artist | 693* | 11,058* | 31* | 23 |
| 1300 Lumens standard & Vibrant | 901 | 14,380 | 47 | 19 |

*estimated values

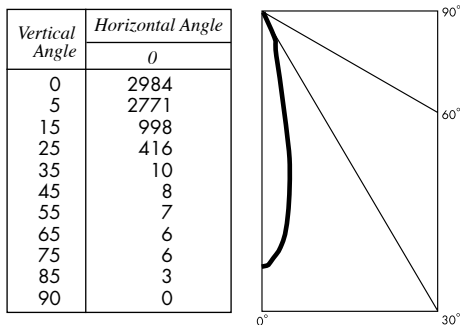
PHOTOMETRIC REPORT with 24° reflector (tested per IESNA LM-79-2008)



Prorated from Verification Services Report No. 1197592. Original test report furnished upon request.

Luminaire track-mounted LED accent light with a 24° reflector and black lens holder (NO LENS)
 Lamp Xicato XIM 9mm LED Module, 1300 lumens, 3000K
 Lamp Life rated 50,000 hours based on L70/B50 criteria. LM80 report by LED manufacturer furnished upon request

CANDLEPOWER DISTRIBUTION



LUMINAIRE LIGHT OUTPUT AND EFFICACY

| LED Module Type | Luminaire Light Output | Luminaire CBCP | Luminaire Efficacy (lms/watt) | System Wattage |
|--------------------------------|------------------------|----------------|-------------------------------|----------------|
| 700 Lumens Artist | 393* | 1641* | 28* | 14 |
| 700 Lumens standard & Vibrant | 393* | 1641* | 35* | 11 |
| 1000 Lumens Artist | 549* | 2,295* | 24* | 23 |
| 1300 Lumens standard & Vibrant | 714 | 2,984 | 37 | 19 |

*estimated values

STANDARD DRIVER INFORMATION (UL Class 2, dry and damp location)

| Voltage | 120 | 277 |
|--|-----------------|-----------------|
| Input Watts (L07A/L10A/L7S&V/13S&V) | 14/23/11/19 | 14/23/11/19 |
| Input Current(A) (L07A/L10A/L7S&V/13S&V) | .12/.19/.09/.16 | .05/.08/.04/.07 |
| Output Voltage (V) | 48 | 48 |
| Min. Power Factor | 0.90 | 0.90 |
| Operating Temperature Range (F) | -13 to 122 | -13 to 122 |

LIGHT OUTPUT MULTIPLIER

| LED Module Type | Light Output Multiplier |
|--------------------------------|-------------------------|
| 700 Lumens Artist | .55* |
| 700 Lumens standard & Vibrant | .55* |
| 1000 Lumens Artist | .77* |
| 1300 Lumens standard & Vibrant | 1 |

*estimated values