

# iQN

## iQ Nano Track Luminaire with Xicato XIM Module

<b>JOB NAME</b>		<b>CATALOG NUMBER</b>	
<b>NOTES</b>		<b>TYPE</b>	

### ELECTRICAL DATA

LED Light Engine	Wattage/Beam*	CCT / CRI	Nominal Delivered Lumens**
X1	13W (SP) / 10W (NF, FL)	3000K/82CRI	650lm
X2	18W (SP) / 15W (NF, FL)	3000K/82CRI	900lm/1000lm
X3	22W (NF, FL)	3000K/82CRI	1400lm

\* Luminaire Wattage include driver and LED Module consumption. | \*\* Delivered lumens output will vary depending on CCT, CRI and optic selection.

### FEATURES

- High quality Xicato LED (XIM Gen4)
- Smooth, flicker-free dimming
- Bluetooth wireless connectivity option
- Embedded intelligence with beacon technology and analytics (BLE only) Individually addressable luminaires (BLE or Dali option)
- Architectural flush mount adapter

### LED LIGHT ENGINE

- Xicato XIM Gen 4 Module
- Integrated LED chip with deep dimming driver, and embedded intelligence
- Choice of 83 or 97 CRI in 2700, 3000, 3500 & 4000K
- Color consistency of 1x2 MacAdam Ellipses 0-10V, bluetooth (BLE), and DALI options
- Self adjusts to avoid over temperature

### OPTICS

- Dedicated 15° spot with field changeable 25° narrow flood & 40° flood

### BLUETOOTH OPTION FEATURES ONLY (B10)

- Bluetooth low energy (BLE) 4.1 technology offers wireless connectivity via smart device (IOS or Android app)
- Windows based configurability and analytics
- Embedded beacon technology (Eddystone, iBeacon, and Alt Beacons) for location based information and wayfinding
- On board microprocessor stores LED performance data and power consumption
- Transmission range up to 400m, line of sight
- Allows individual luminaire addressability, group or scene setting (up to 16) through app

### DIMMING

Offers configurable logarithmic (default) or linear, smooth flicker free dimming in:

- 0-10V to 1%
- DALI to 0.1%
- BLE 0-10V to 1%

### REMOTE POWER SUPPLY

48V remote power supply eliminates driver housing - can power multiple track heads, see power supply (sold separately) specifications for wattage restrictions.

### TRACK COMPATIBILITY:

Designed around the 48V SMARTrack architecture which provides both power and the ability to deliver an additional control signal such as 0-10V dimming for group control or DALI signal for individual track head control with compatible modules

### ACCESSORIES:

- Luminaire will accommodate (1) accessory
- Accessory holder required

### LISTING/WARRANTY

- ETL Listed to US and Canadian standards for dry locations
- 5-Year Intense LED Limited Warranty



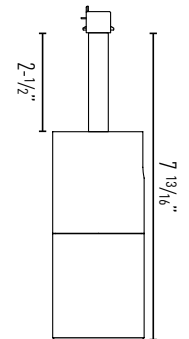
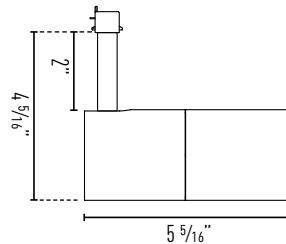
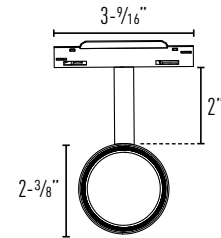
### BLUETOOTH (BLE) REFERENCE TOOLS

- [Xicato XIMtroller - UserGuide](#)
- [Xicato Control Panel - User Manual](#)

### TRACK & REMOTE POWER SUPPLY SPECIFICATION LINKS

- [48V SMARTrack \(SMT\)](#)
- [48V 75W Power Supply \(RA48-75W\)](#)
- [48V 2x 100W Power Supply \(RA48-200W\)](#)

iQ



Horizontal Adjustability: 358°  
Vertical Adjustability: 180°

### Example: IQNX3-NF30D10W-ST

Luminaire	Wattage / Optic	CCT / CRI <sup>1</sup>	Driver	Finish	Adapter
<b>IQN</b>	<b>X1-SP</b> (13W / 15° Spot)	<b>27</b> (2700K/83 CRI XIM)	<b>B10</b> (BLE 0-10V integral, 1%)	<b>W</b> (White)	<b>-ST</b> (48V SMARTrack Adapter)
	<b>X1-NF</b> (10W / 25° Narrow Flood)	<b>279</b> (2700K/98 CRI XIM Artist)	<b>DALI</b> (DALI integral, 0.1%)	<b>B</b> (Black)	
	<b>X1-FL</b> (10W / 40° Flood)	<b>30</b> (3000K/83 CRI XIM)	<b>D10</b> (0-10V integral, 1%)	<b>SV<sup>2</sup></b> (Silver)	
	<b>X2-SP</b> (18W / 15° Spot)	<b>309</b> (3000K/98 CRI XIM Artist)			
	<b>X2-NF</b> (15W / 25° Narrow Flood)	<b>35</b> (3500K/83 CRI XIM)			
	<b>X2-FL</b> (15W / 40° Flood)	<b>359</b> (3500K/98 CRI XIM Artist)			
	<b>X3-NF</b> (22W / 25° Narrow Flood)	<b>40</b> (4100K/83 CRI XIM)			
	<b>X3-FL</b> (22W / 40° Flood)	<b>409</b> (4100K/98 CRI XIM Artist)			

### Accessories:

- LH50** (Accessory Holder)
- PFL16B** (Hex Louver, Black)
- PFL1** (Prismatic Spread Lens)
- PFL2** (Linear Spread Lens)
- PFL4** (Solite Lens)

### Replacement Optics:

- IP-OP50NF** (25° Narrow Flood Optic)
- IP-OP50FL** (40° Flood Optic)

### Notes:

- For other options, consult factory
- Black adapter is standard with silver finishes

TRACK SYSTEM LUM-1221-20 P-1

INTENSE LIGHTING | 3340 E La Palma Ave, Anaheim, CA 92806 | tel 714 630-9877 | fax 714 630-9883

For Intense Lighting's limited product warranty, go to [www.intenselighting.com](http://www.intenselighting.com). For a printed copy of the warranty, you may call 800 961-5321.

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LIGHTING

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<b>NOTES</b>		<b>TYPE</b>	

## IQNX2-SP30

Report #: ILL-20170505-07

## IQNX3-NF30

Report #: ILL-20170505-05

## IQNX3-FL30

Report #: ILL-20170505-06

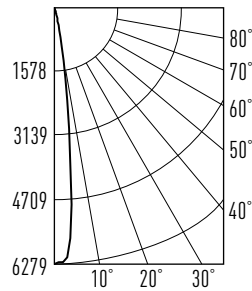
### LED Engine Multiplier:

IQNX1-SP30	(x 0.75)
IQNX2-SP30	(x 1.00)
IQNX1-NF30	(x 0.50)
IQNX2-NF30	(x 0.75)
IQNX3-NF30	(x 1.00)
IQNX1-FL30	(x 0.50)
IQNX2-FL30	(x 0.75)
IQNX3-FL30	(x 1.00)

### CRI Multiplier:

IQNX1-SP30	(x 1.00)
IQNX1-SP309	(x 0.72)
IQNX2-SP30	(x 1.00)
IQNX2-SP309	(x 0.72)
IQNX1-NF30	(x 1.00)
IQNX1-NF309	(x 0.80)
IQNX2-NF30	(x 1.00)
IQNX2-NF309	(x 0.80)
IQNX3-NF30	(x 1.00)
IQNX3-NF309	(x 0.80)
IQNX1-FL30	(x 1.00)
IQNX1-FL309	(x 0.80)
IQNX2-FL30	(x 1.00)
IQNX2-FL309	(x 0.80)
IQNX3-FL30	(x 1.00)
IQNX3-FL309	(x 0.80)

15° Spot (X2-SP)

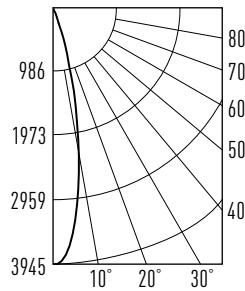


Watts: 18  
Lumens: 893  
LPW: 50  
CCT: 3000K

Candelas at Nadir

Degree	Candela
0°	6233
5°	4980
15°	1120
25°	171
35°	80
45°	31

25° Narrow Flood (X3-NF)

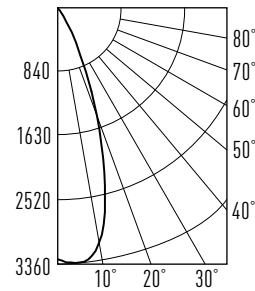


Watts: 22  
Lumens: 1315  
LPW: 60  
CCT: 3000K

Candelas at Nadir

Degree	Candela
0°	9923
5°	8887
15°	2955
25°	322
35°	41
45°	10

40° Flood (X3-FL)



Watts: 22  
Lumens: 1410  
LPW: 64  
CCT: 3000K

Candelas at Nadir

Degree	Candela
0°	3326
5°	3198
15°	2031
25°	741
35°	205
45°	67