iQN
iQ Nano Track Luminaire with Xicato XIM Module

JOB NAME		CATALOG NUMBER	
NOTES		TYPE	

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.

iQ

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 Elipses 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
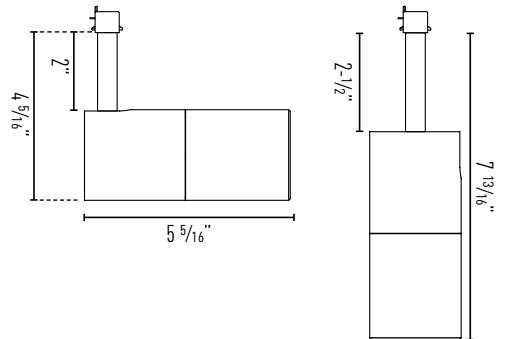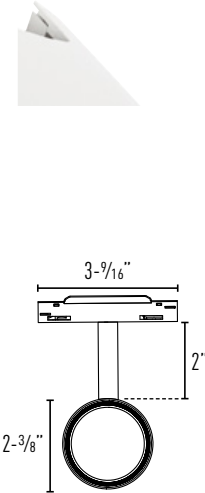- 5-Year Intense LED Limited Warranty

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)

Horizontal Adjustability: 358°
Vertical Adjustability: 180°

Example: IQNX3-NF30D10W-ST

Luminaire	Wattage / Optic		CCT / CRI[1]		Driver		Finish		Adapter
IQN	X1-SP (13W / 15° Spot)		27 (2700K/83 CRI XIM)		B10 (BLE 0-10V integral, 1%)		W (White)		-ST (48V SMARTrack Adapter)
	X1-NF (10W / 25° Narrow Flood)		279 (2700K/98 CRI XIM Artist)		DALI (DALI integral, 0.1%)		B (Black)		
	X1-FL (10W / 40° Flood)		30 (3000K/83 CRI XIM)		D10 (0-10V integral, 1%)		SV[2] (Silver)		
	X2-SP (18W / 15° Spot)		309 (3000K/98 CRI XIM Artist)						
	X2-NF (15W / 25° Narrow Flood)		35 (3500K/83 CRI XIM)						
	X2-FL (15W / 40° Flood)		359 (3500K/98 CRI XIM Artist)						
	X3-NF (22W / 25° Narrow Flood)		40 (4100K/83 CRI XIM)						
	X3-FL (22W / 40° Flood)		409 (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:
1. For other options, consult factory
2. Black adapter is standard with silver finishes

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iQ Nano Track Luminaire with Xicato XIM Module

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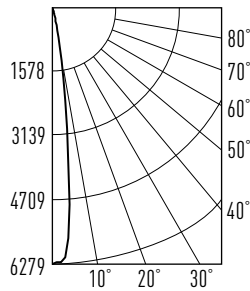
Watts: 18
Lumens: 893
LPW: 50
CCT: 3000K

Candelas at Nadir

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

25° Narrow Flood (X3-NF)
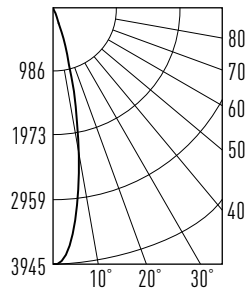
Watts: 22
Lumens: 1315
LPW: 60
CCT: 3000K

Candelas at Nadir

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

40° Flood (X3-FL)
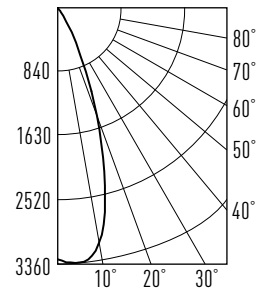
Watts: 22
Lumens: 1410
LPW: 64
CCT: 3000K

Candelas at Nadir

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

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