

iQNC

iQ Nano Canopy Luminaire with 48V Remote Power Supply

| | | | |
|----------|--|----------------|--|
| 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.

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)

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

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%

48V REMOTE POWER SUPPLY

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

MOUNTING

Mounts to a standard 4" octagon junction box

ACCESSORIES:

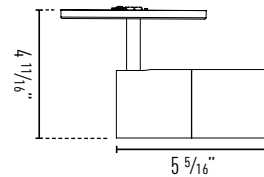
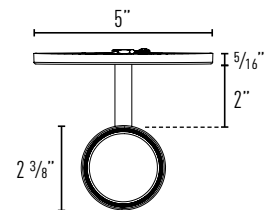
- Luminaire will accommodate (1) accessory
- Accessory holder required

LISTING/WARRANTY

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



iQ



Horizontal Adjustability: 358°
Vertical Adjustability: 180°

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 \(RA48-200W\)](#)

Example: IQNCX3-NF30D10W

| Luminaire | Wattage / Optic | CCT / CRI ¹ | Driver | Finish |
|-------------|---------------------------------------|--------------------------------------|-------------------------------------|--------------------|
| IQNC | X1-SP (13W / 15° Spot) | 27 (2700K/83 CRI XIM) | B10 (BLE 0-10V integral, 1%) | W (White) |
| | 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 (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:

- For other options, consult factory.

| | | | |
|-----------------|--|-----------------------|--|
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IQNX2-SP30

Report #: ILL-20170505-07

IQNX3-NF30

Report #: ILL-20170505-05

IQNX3-FL30

Report #: ILL-20170505-06

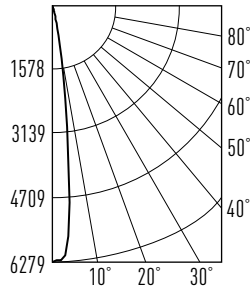
LED Engine Multiplier:

| | |
|------------|----------|
| 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)

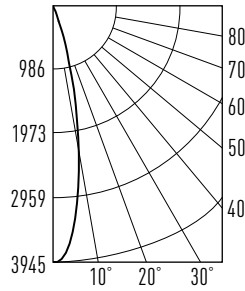


Watts: 18
Lumens: 893
LPW: 50
CCT: 3000K

Candelas at Nadir

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

25° Narrow Flood (X3-NF)

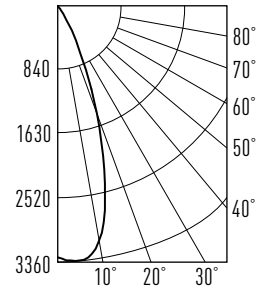


Watts: 22
Lumens: 1315
LPW: 60
CCT: 3000K

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 |