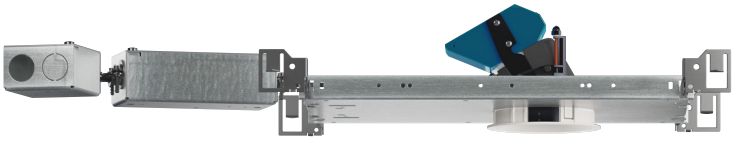
alphabet

| PROJECT INFORMATION | | | |
|---|---|---|---|
| JOB NAME | | TYPE | |
| ORDERING CODE | | | |

# NU3 LOPRO

## 3" Round Adjustable Standard White

NSF · AT airtight · DF dead-front · PR plenum rated · wet rated · BABA•BAA



| 20° - 98° BEAM (Note: Specifications are subject to change without notice) | | |
|---|---|---|
| 9mm COB PERFORMANCE DATA | | |
| LED LIGHT ENGINE | NOMINAL DELIVERED LUMENS | SYSTEM WATTAGE |
| 10LM | 950LM @30K/90CRI | 9W |
| 15LM | 1470LM @30K/90CRI | 14W |
| 20LM | 1950LM @30K/90CRI | 20W |
| 25LM | 2400LM @30K/90CRI | 25W |
| Notes | Delivered lumens based on 35° optic with no lens, (see page 2) | |

| 15° BEAM (Note: Specifications are subject to change without notice) | | |
|---|---|---|
| 6mm COB PERFORMANCE DATA | | |
| LED LIGHT ENGINE | NOMINAL DELIVERED LUMENS | SYSTEM WATTAGE |
| 10LM | 950LM @ 30K/90CRI | 12W |
| 15LM | 1420LM @ 30K/90CRI | 19W |
| Notes | Delivered lumens based on 15° optic with no lens, (see page 2) | |

| 9.5° BEAM (Note: Specifications are subject to change without notice) | | |
|---|---|---|
| 4.5mm COB PERFORMANCE DATA | | |
| LED LIGHT ENGINE | NOMINAL DELIVERED LUMENS | SYSTEM WATTAGE |
| 10LM | 1050LM @ 30K/90CRI | 18W |
| Notes | Delivered lumens based on 9° optic with no lens, (see page 2) | |

### FEATURES

- True 30° Tilt with <5% beam disruption (clipping)
- Zero ceiling line obstruction at Full Tilt
- Concentric Tilt Tracking ensures minimal light loss
- 360° full rotation
- UGR <5
- Multiple mounting and glare control options

### DIMMING AND CONTROLS

- eldoLED 0-10V, 0.1% and 1%
- BAA – BABA compliant, flicker free 0-10V dim to 1%
- Leading & trailing edge (Triac/ELV), dim to 1%

### CONSTRUCTION

- Lexan™ (PC) highly resistant to impact and heat (240°F)
- Optimal material for wireless signal connectivity
- Shatter proof acrylic bezel lens
- Electrocoated 16-gauge cold-rolled steel construction
- Accommodates ceiling thickness from 1/8" to 1-1/4"
- **CUT OUT DIMENSION:**
  Trimmed - 3-3/8"
  Millwork - 3-3/8"
  Trimless - 3-1/2"

### LED

- 90 CRI: SDCM = 2-step MacAdam Ellipse, Lumen Maintenance: $L_{70}$ > 66,000 hrs

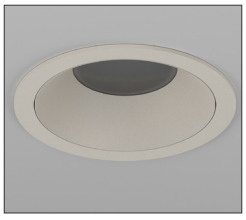
### LISTING

- ULus Listed to UL1598 & UL2108; cUL Listed to CSA C22.2 #250.0
- IP65 with lens - Suitable for wet locations with lens - Suitable for damp locations without lens
- Non-conductive, dead-front construction (shower approved)
- NSF/ANSI-2 with lens (Non-Food and Splash Zones)
- **Declare.** - LBC Red List Approved
- 5 Year Limited warranty

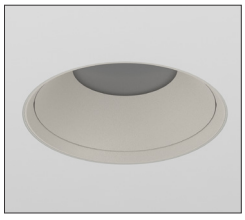
### ELECTRICAL

- 120V-277V, 120 only Triac / ELV
- Power factor ≥ 0.9
- 2kV driver input surge protection
- Remote emergency test switch
- 7W, 10W (T20 CEC) and 12W EM 90min battery
- Max. ambient installation temperature 95°F (35°C)

## TRIM OPTIONS



Trimmed

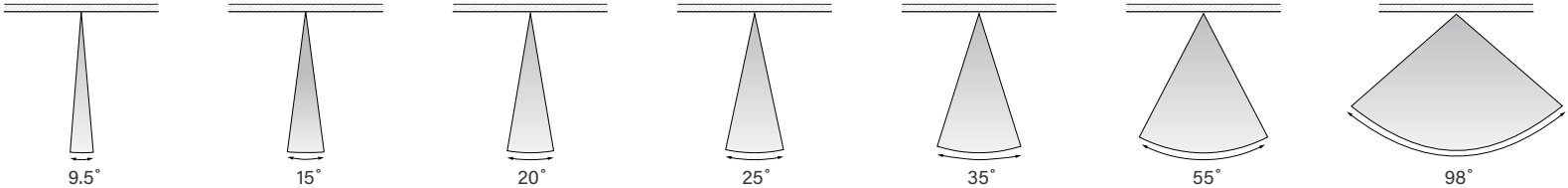


Trimless



Trimless Millwork

## BEAM SPREADS



alphabet

| PROJECT INFORMATION | | | |
|---|---|---|---|
| JOB NAME | | TYPE | |
| ORDERING CODE | | | |

## ORDERING CODE

| | | |
|---|---|---|
| **SERIES** | **NU3** | NU3 |
| **TYPE** | **RALP** | round adjustable lopro |
| | **RATLP** | round adjustable trimless lopro |
| | **RATMWLP** | round adjustable trimless millwork lopro |
| **LED** | **SW** | standard white |
| **DELIVERED LUMENS** | **10LM** | 950 lm |
| | **15LM** | 1470 lm |
| | **20LM** | 1950 lm |
| | **25LM** | 2400 lm |
| | **Standard Configuration:** 3000K 90CRI **NL** | |
| | **Calculated Delivered Lumens** = [Delivered Lumen Value] x [CCT Multiplier] x [Optic Multiplier] x [Lens Multiplier] | |
| **CCT** | **27K** | 2700K |
| | **30K** | 3000K |
| | **35K** | 3500K |
| | **40K** | 4000K |

| CCT | 2700K | 3000K | 3500K | 4000K |
|---|---|---|---|---|
| CRI | 90+ | 90+ | 90+ | 90+ |
| CCT MULTIPLIER FOR LUMEN OUTPUT | 0.96 | 1 | 1.01 | 1.02 |

| | | | |
|---|---|---|---|
| **CRI** | **90** | 90 CRI | |
| **OPTIC & LM MULTIPLIER** | **9D**[1] | 9.5 degrees | (1.10) |
| | **15D**[2] | 15 degrees | (1.10) |
| | **20D** | 20 degrees | (0.91) |
| | **25D** | 25 degrees | (0.91) |
| | **35D** | 35 degrees | (1.00) |
| | **55D** | 55 degrees | (0.96) |
| **ACCESSORY** | **NA** | no accessory | (1.00) |
| | **HCL** | honeycomb louver | (0.70) |
| | **HETA** | high efficiency textured lens, similar to Solite™ | (0.90) |
| | **EA** | elliptical lens | (0.90) |
| | Attached to **TIR** optic, field replaceable (maximum, 1 media) | | |
| **BEZEL LENS** | **NL**[3] | no lens | (1.00) |
| | **CL** | clear lens | (0.92) |
| | **DL** | diffused lens | (0.91) |
| | **HET** | high efficiency textured lens, similar to Solite™ | (0.92) |
| | **SBL** | smoothing beam lens | (0.92) |
| | **WDL** | wide diffused lens* | (0.90) |
| | *Wide diffusing lens achieves beams ≥ 90° Ref. page 3 | | |
| **TRIM COLOR** | **BK** | black | |
| | **WH** | white | |
| | **MC** | matte chrome | |
| | **BZ** | bronze | |
| | **CC**[4] | custom color, consult factory for details | |
| | Antimicrobial finish, add **AM** to black, white or matte chrome i.e. BKAM. | | |
| | Not applicable to trimless option. Do not include in trimless ordering code. | | |
| **BEZEL COLOR** | **BK** | black | (0.98) |
| | **WH** | white | (1.00) |
| | **MC** | matte chrome | (0.99) |
| | **BZ** | bronze | (0.98) |
| | **CC**[4] | custom color, consult factory for details | |
| | Antimicrobial finish, add **AM** to black, white or matte chrome i.e. BKAM. | | |

## ORDERING CODE

| | | |
|---|---|---|
| **MOUNTING OPTIONS** | **NC** | new construction plate |
| | **IC**[5] | insulation contact housing |
| | **RET** | retrofit, no ceiling plate |
| **VOLTAGE** | **120** | 120V |
| | **UNV** | 120V-277V |
| | **LVL**[6] | low voltage luminaire |
| **DIMMING** | **DIM10** | 0-10V dimming to 1% |
| | **BDIM10**[7] | BAA – BABA compliant, flicker free 0-10V dim to 1% |
| | **ELV1**[8] | leading edge & trailing edge (Triac/ELV) dim to 1% |
| | **ND** | no driver included |
| **ELECTRICAL OPTIONS** | **EM7** | remote emergency battery, 90 min at 7W |
| | **EM12** | remote emergency battery, 90 min at 12W |
| | **EM10CA20** | remote emergency battery, 90 min at 10W |

## YOUR COMPLETED ORDERING CODE

Follow the steps to specify your fixture, example:

**NU3 - RALP - SW - 20LM - 30K - 90 - 20D - NA - NL - WH - WH - NC - UNV - DIM10 - EM7**

### NOTES

1. 9D available in 10LM with NL/SBL lens. No accessory option available.
2. 15D available in 10LM/15LM. Not available with DL lens.
3. NL option does not meet requirement for AT/DF/WET/NSF listings.
4. Custom set up fee plus minimum quantity required per color.
5. IC not available in 9D/10LM or 25LM.
6. Must select ND dimming code. For remote driver or POE (by other) Ref page 11.
7. BDIM10 not available in 25LM
8. ELV1 available in 120V.

| PROJECT INFORMATION | | | |
|---|---|---|---|
| JOB NAME | | TYPE | |
| ORDERING CODE | | | |

## OPTICAL OPTIONS

- Corrected UGR values generated per CIE 190-2010 at the following reference condition:
  Room dimensions: X = 4H, Y = 8H
  Reflectances: 70/50/20
- UGR calculation based on 15LM fixtures, unless otherwise noted.

### HCL
Honeycomb Louver



| OPTIC | BEAM ANGLE | UGR |
|---|---|---|
| 15D | 14 | <10 |
| 20D | 18 | <10 |
| 25D | 23 | <10 |
| 35D | 28 | <10 |
| 55D | 47 | <10 |

### NL
No Lens



| OPTIC | BEAM ANGLE | UGR |
|---|---|---|
| 9D* | 9.2 | <10 |
| 15D | 14 | <10 |
| 20D | 18 | <10 |
| 25D | 25 | <10 |
| 35D | 32 | <10 |
| 55D | 55 | <10 |

* 9D UGR calculation based on 10LM fixtures

### CL
Clear Lens



| OPTIC | BEAM ANGLE | UGR |
|---|---|---|
| 15D | 14 | <10 |
| 20D | 19 | <10 |
| 25D | 25 | <10 |
| 35D | 32 | <10 |
| 55D | 55 | <10 |

### DL
Diffused Lens



| OPTIC | BEAM ANGLE | UGR |
|---|---|---|
| 20D | 37 | 10.4 |
| 25D | 41 | 13.5 |
| 35D | 44 | 14.1 |
| 55D | 58 | 18.8 |

### EA
Elliptical Lens



| OPTIC | BEAM ANGLE | UGR |
|---|---|---|
| 20D | 36x55 | <10 |
| 25D | 40x60 | <10 |
| 35D | 43x64 | <10 |
| 55D | 56x76 | 9x16 |

### WDL
Wide Diffused Lens



| OPTIC | BEAM ANGLE | UGR |
|---|---|---|
| 20D | 75 | 21 |
| 25D | 80 | 23.5 |
| 35D | 84 | 24.5 |
| 55D | 98 | 26.8 |

### HET
High Efficiency Textured Lens



| OPTIC | BEAM ANGLE | UGR |
|---|---|---|
| 15D | 19 | <10 |
| 20D | 23 | <10 |
| 25D | 28 | <10 |
| 35D | 33 | <10 |
| 55D | 53 | <10 |

### SBL
Smoothing Beam Lens



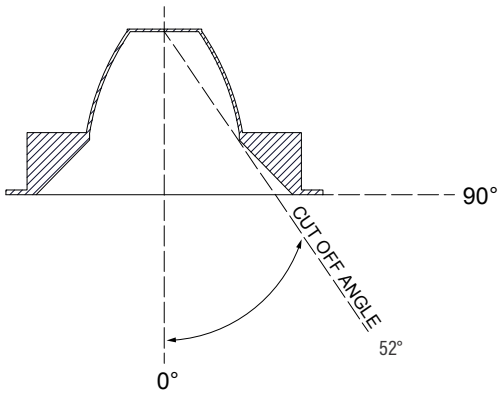
| OPTIC | BEAM ANGLE | UGR |
|---|---|---|
| 15D | 15 | <10 |
| 20D | 19 | <10 |
| 25D | 25 | <10 |
| 35D | 32 | <10 |
| 55D | 55 | <10 |

## GLARE CONTROL

### CUT-OFF ANGLE

Visual comfort is achieved with a lower cut-off angle due to improved glare control. The smaller the cut-off angle, the easier it is on the eye.
Alphabet downlights have been thoughtfully engineered to eliminate glare while still delivering functional illumination.

- Cutoff angle is 52° degrees;



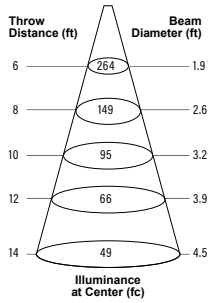
alphabet

| PROJECT INFORMATION | | | |
|---|---|---|---|
| JOB NAME | | TYPE | |
| ORDERING CODE | | | |

## PHOTOMETRIC DATA

| 15LM CCT MULTIPLIERS | |
|---|---|
| | 90CRI |
| 2700K | 0.96 |
| 3000K | 1 |
| 3500K | 1.01 |
| 4000K | 1.02 |
| FC Formula = CBCP / Distance | |

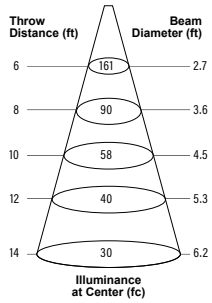
### 20D 19° WITH NO LENS




| WATTS: 13.9 | LPW: 94.9 |
|---|---|
| LUMENS: 1320 | CCT: 3000K |

| INTENSITY | |
|---|---|
| DEGREE | CANDELA |
| 0 | 9515 |
| 5 | 7721 |
| 15 | 2018 |
| 25 | 201 |
| 35 | 23 |
| 45 | 4 |

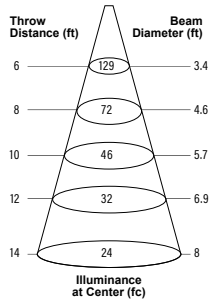
### 25D 25° WITH NO LENS




| WATTS: 13.9 | LPW: 95.4 |
|---|---|
| LUMENS: 1326 | CCT: 3000K |

| INTENSITY | |
|---|---|
| DEGREE | CANDELA |
| 0 | 5791 |
| 5 | 5132 |
| 15 | 2180 |
| 25 | 478 |
| 35 | 60 |
| 45 | 8 |

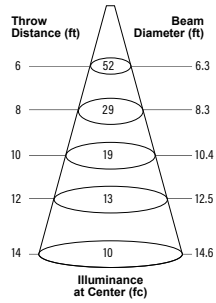
### 35D 32° WITH NO LENS




| WATTS: 13.9 | LPW: 105.5 |
|---|---|
| LUMENS: 1467 | CCT: 3000K |

| INTENSITY | |
|---|---|
| DEGREE | CANDELA |
| 0 | 4638 |
| 5 | 4383 |
| 15 | 2554 |
| 25 | 694 |
| 35 | 55 |
| 45 | 6 |

### 55D 55° WITH NO LENS

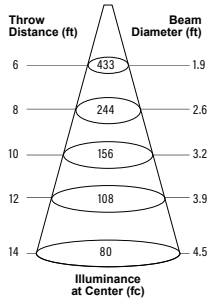



| WATTS: 13.9 | LPW: 100.9 |
|---|---|
| LUMENS: 1402 | CCT: 3000K |

| INTENSITY | |
|---|---|
| DEGREE | CANDELA |
| 0 | 1837 |
| 5 | 1848 |
| 15 | 1757 |
| 25 | 1156 |
| 35 | 297 |
| 45 | 22 |

| 25LM CCT MULTIPLIERS | |
|---|---|
| | 90CRI |
| 2700K | 0.96 |
| 3000K | 1 |
| 3500K | 1.01 |
| 4000K | 1.02 |
| FC Formula = CBCP / Distance | |

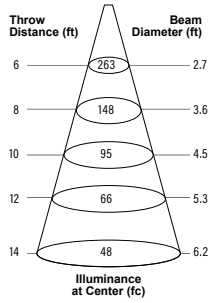
### 20D 19° WITH NO LENS




| WATTS: 25 | LPW: 86.5 |
|---|---|
| LUMENS: 2162 | CCT: 3000K |

| INTENSITY | |
|---|---|
| DEGREE | CANDELA |
| 0 | 15586 |
| 5 | 12647 |
| 15 | 3305 |
| 25 | 329 |
| 35 | 38 |
| 45 | 7 |

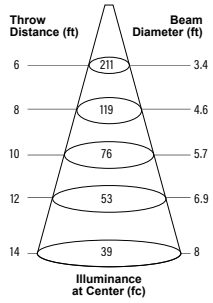
### 25D 25° WITH NO LENS




| WATTS: 25 | LPW: 86.9 |
|---|---|
| LUMENS: 2173 | CCT: 3000K |

| INTENSITY | |
|---|---|
| DEGREE | CANDELA |
| 0 | 9486 |
| 5 | 8407 |
| 15 | 3570 |
| 25 | 783 |
| 35 | 98 |
| 45 | 12 |

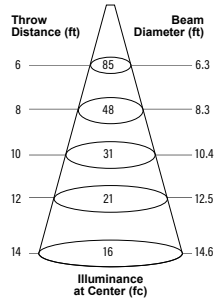
### 35D 32° WITH NO LENS




| WATTS: 25 | LPW: 96.1 |
|---|---|
| LUMENS: 2403 | CCT: 3000K |

| INTENSITY | |
|---|---|
| DEGREE | CANDELA |
| 0 | 7597 |
| 5 | 7179 |
| 15 | 4183 |
| 25 | 1137 |
| 35 | 90 |
| 45 | 10 |

### 55D 55° WITH NO LENS




| WATTS: 25 | LPW: 91.9 |
|---|---|
| LUMENS: 2297 | CCT: 3000K |

| INTENSITY | |
|---|---|
| DEGREE | CANDELA |
| 0 | 3009 |
| 5 | 3027 |
| 15 | 2878 |
| 25 | 1893 |
| 35 | 487 |
| 45 | 37 |

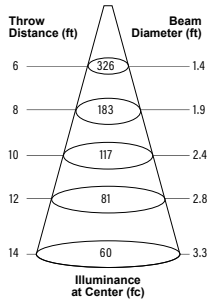
alphabet

| PROJECT INFORMATION | | | |
|---|---|---|---|
| JOB NAME | | TYPE | |
| ORDERING CODE | | | |

## PHOTOMETRIC DATA

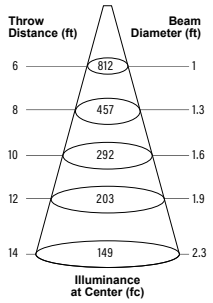
| 10LM CCT MULTIPLIERS | |
|---|---|
| | 90CRI |
| 2700K | 0.96 |
| 3000K | 1 |
| 3500K | 1.01 |
| 4000K | 1.02 |
| FC Formula = CBCP / Distance | |

**15D**
**13.5° WITH NO LENS**




| WATTS: 11.5 | LPW: 82.3 |
|---|---|
| LUMENS: 947 | CCT: 3000K |
| INTENSITY | |
| DEGREE | CANDELA |
| 0 | 11723 |
| 5 | 7877 |
| 15 | 1068 |
| 25 | 56 |
| 35 | 9 |
| 45 | 0 |

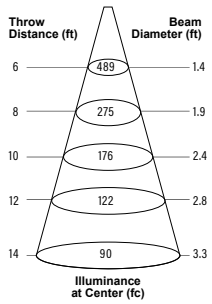
**9D**
**9.2° WITH NO LENS**




| WATTS: 17.7 | LPW: 59.4 |
|---|---|
| LUMENS: 1051 | CCT: 3000K |
| INTENSITY | |
| DEGREE | CANDELA |
| 0 | 29219 |
| 5 | 12946 |
| 15 | 422 |
| 25 | 57 |
| 35 | 10 |
| 45 | 0 |

| 15LM CCT MULTIPLIERS | |
|---|---|
| | 90CRI |
| 2700K | 0.96 |
| 3000K | 1 |
| 3500K | 1.01 |
| 4000K | 1.02 |
| FC Formula = CBCP / Distance | |

**15D**
**13.5° WITH NO LENS**



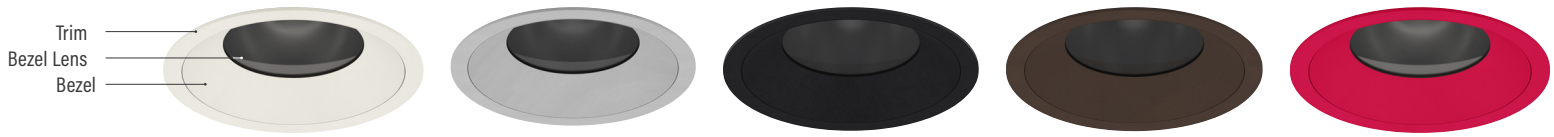

| WATTS: 18.5 | LPW: 76.9 |
|---|---|
| LUMENS: 1422 | CCT: 3000K |
| INTENSITY | |
| DEGREE | CANDELA |
| 0 | 17603 |
| 5 | 11828 |
| 15 | 1604 |
| 25 | 85 |
| 35 | 14 |
| 45 | 0 |

alphabet

| PROJECT INFORMATION | | | |
|---|---|---|---|
| JOB NAME | | TYPE | |
| ORDERING CODE | | | |

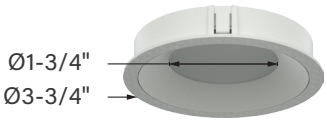
## TRIM OPTIONS

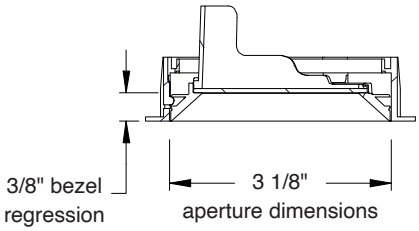
### TRIM/BEZEL COLORS

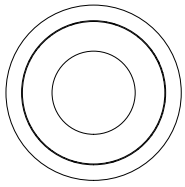



WH MC BK BZ CC

### TRIMMED

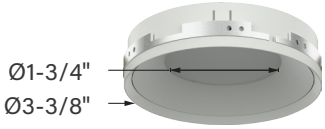


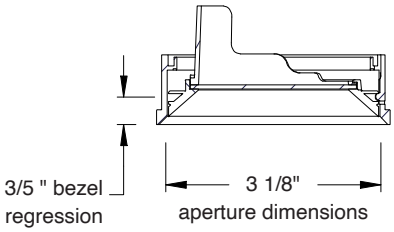



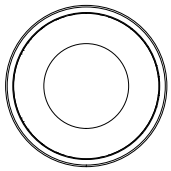



ceiling cutout
3-3/8" diameter
ceiling thickness
1/8" to 1-1/4"

### MILLWORK

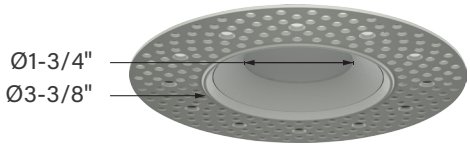


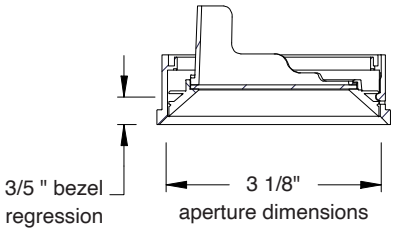



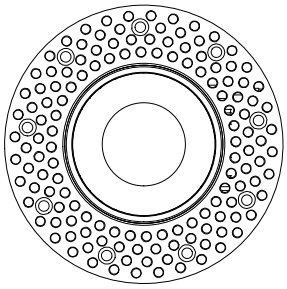



ceiling cutout
3-3/8" diameter
ceiling thickness
1/8" to 1-1/4"

### TRIMLESS



ceiling cutout
3-1/2" diameter
ceiling thickness
1/4" to 1-1/4"

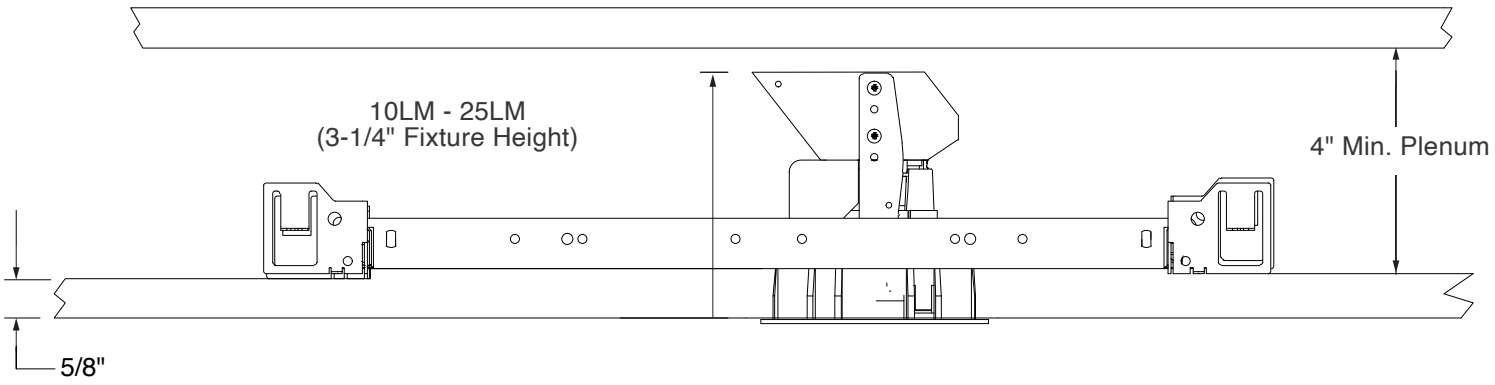
| PROJECT INFORMATION | | | |
|---|---|---|---|
| JOB NAME | | TYPE | |
| ORDERING CODE | | | |

## MOUNTING OPTIONS

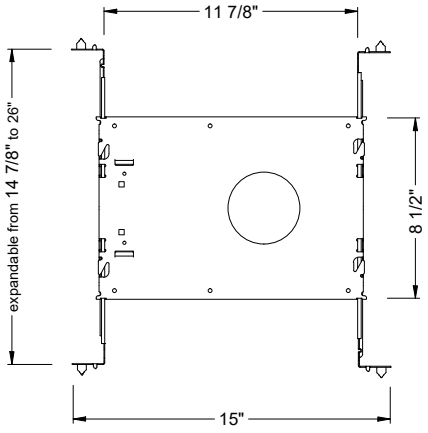
| RATINGS / CERTIFICATIONS | NC | RET | IC |
|---|---|---|---|
| TYPE NON-IC | ✔ | ✔ | |
| TYPE IC | | | ✔ |
| CHICAGO PLENUM (CCEA) | | | |
| SUITABLE FOR AIR HANDLING PLENUMS | ✔ | ✔ | ✔ |
| REDUCED AIRFLOW (WITH LENS) ASTM E283 | ✔ | ✔ | ✔ |

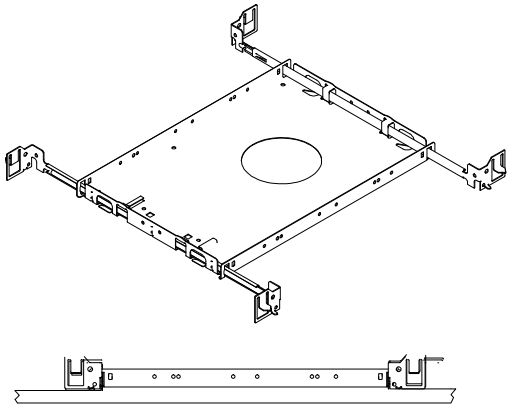
| MOUNTING TYPE | STANDARD CEILING THICKNESS | STANDARD CEILING CUTOUT |
|---|---|---|
| TRIM | 1/8" to 1-1/4" | 3-3/8" diameter |
| TRIMLESS | 1/4" to 1-1/4" | 3-1/2" diameter |
| MILLWORK (TRIMLESS) | 1/8" to 1-1/4" | 3-3/8" diameter |

## PLENUM HEIGHT




## NEW CONSTRUCTION - NC



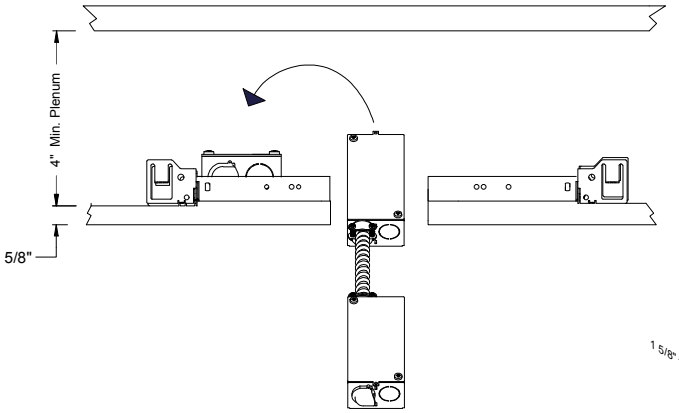



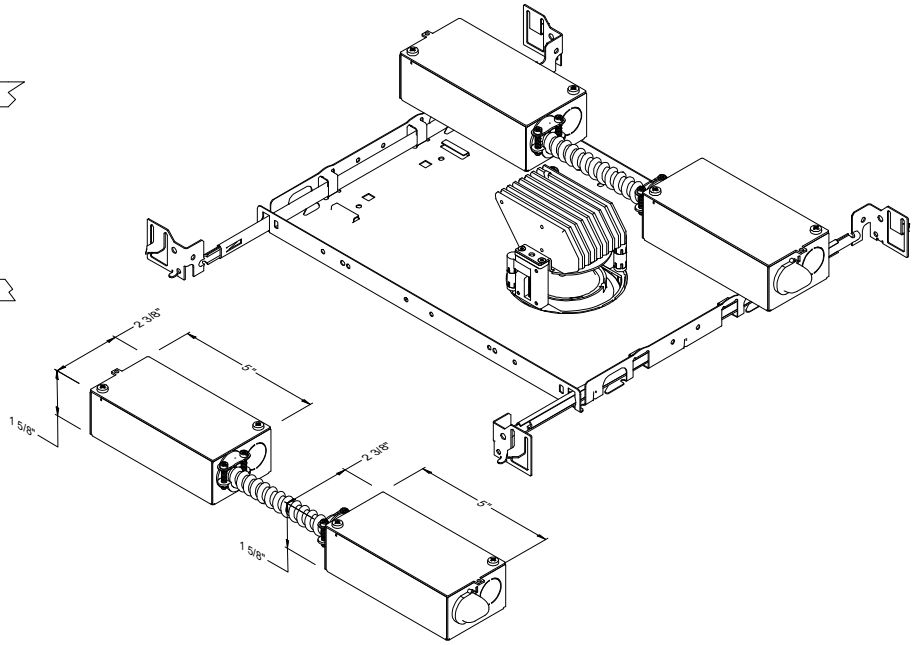
| ADDITIONAL MOUNTING INFO | |
|---|---|
| New Construction<br>Bar Hangers (included) | Mounting Length:<br>14-3/4" to 26" |
| Extension Kit p/n: K20266<br>(ordered separately,<br>1 per fixture) | *Extends a pair of Bar Hangers*<br>Total Mounting Length:<br>29" to 48" |

| PROJECT INFORMATION | | | |
|---|---|---|---|
| JOB NAME | | TYPE | |
| ORDERING CODE | | | |

## MOUNTING OPTIONS

### 10LM-25LM (DIM10/BDIM10/ELV1)
### (BELOW CEILING ACCESSIBLE)

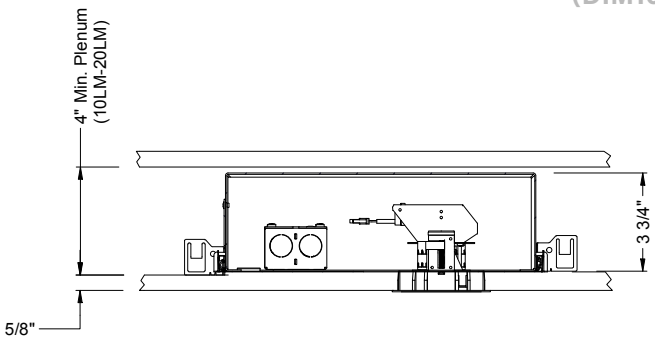


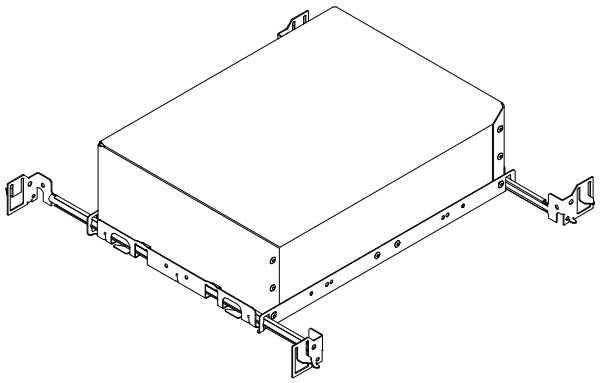



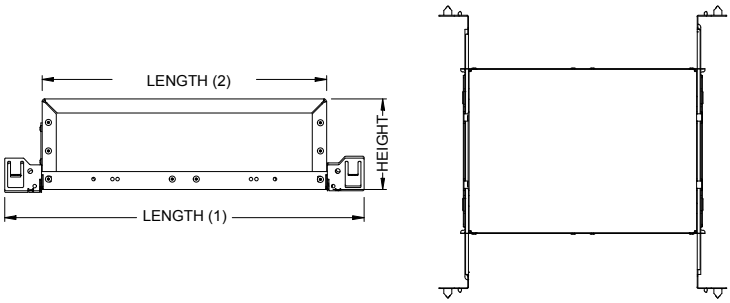
| PROJECT INFORMATION | | | |
|---|---|---|---|
| JOB NAME | | TYPE | |
| ORDERING CODE | | | |

## MOUNTING OPTIONS

# IC - INSULATION CONTACT
## (DIM10/BDIM10/ELV1/ND)






| BOX SIZE | L 1 | L 2 | W | H |
|---|---|---|---|---|
| A | 15 - 7/16" | 11 - 3/4" | 8 - 1/2" | 3 - 3/4" |

| BOX TYPE / LUMEN OUTPUT - NARROW BEAM (20°-98°) | |
|---|---|
| LUMEN OUTPUT | BOX-A |
| | IC |
| 10LM | ✔ |
| 15LM | ✔ |
| 20LM | ✔ |
| 25LM | |

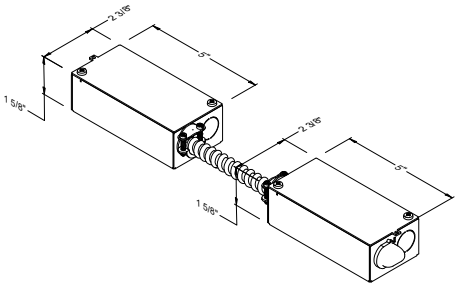
| BOX TYPE / LUMEN OUTPUT - NARROW BEAM (15°) | |
|---|---|
| LUMEN OUTPUT | BOX-A |
| | IC |
| 10LM | ✔ |
| 15LM | ✔ |

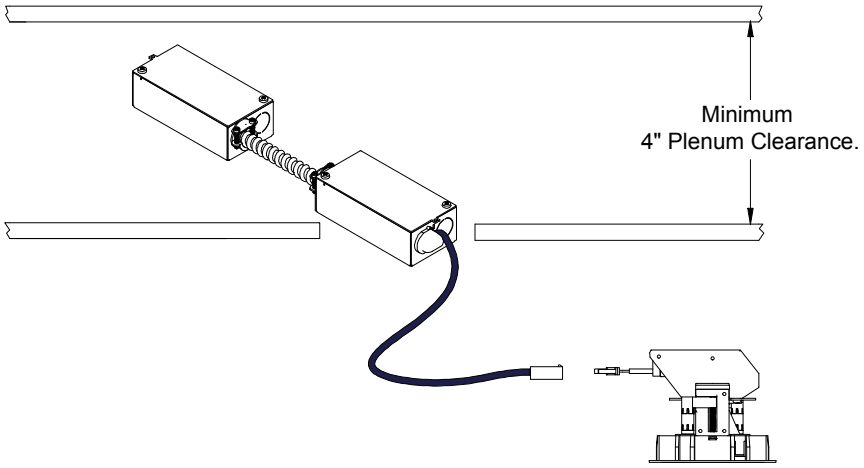
| BOX TYPE / LUMEN OUTPUT - NARROW BEAM (9.5°) | |
|---|---|
| LUMEN OUTPUT | BOX-A |
| | IC |
| 10LM | ✔ |

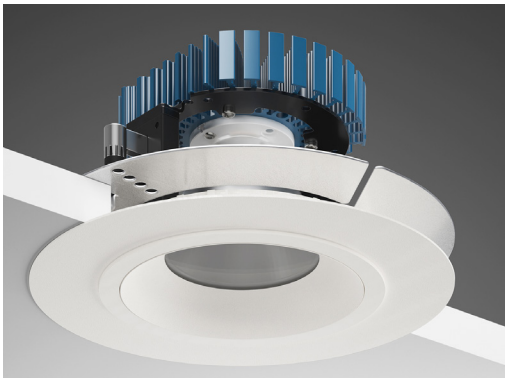
| PROJECT INFORMATION | | | |
|---|---|---|---|
| JOB NAME | | TYPE | |
| ORDERING CODE | | | |

## RETRO OPTIONS

### 10LM-25LM (DIM10/BDIM10/ELV1)



## NU3 SERIES - Goof Ring, Round

| PRODUCT | ROUND CEILING HOLE CUTOUT RANGE[1] | GOOF RING SIZE | ORDERING CODE |
|---|---|---|---|
| NU3-RD<br>NU3-RA<br>NU3-RW | 3.38" to 3.88" | OD = 6.0" | GF-3R-1-XX[2] |
| | 3.89" to 4.5" | | GF-3R-2-XX[3] |
| | 4.51" to 5.0" | | GF-3R-3-XX[3] |
| | 5.01" to 5.5" | OD = 7.0" | GF-3R-4-XX[3] |
| | 5.51" to 6.0" | | GF-3R-5-XX[3] |

1. Choose the appropriate range only if your ceiling cutout measurement falls within that range.
   **Example:** - If your ceiling cutout is 4.75" inches, choose the range 4.51" to 5.0".
   - If your ceiling cutout is 5.5" inches, choose the range 5.01" to 5.5".
2. Upper goof ring not included.
3. Upper goof ring included.

*XX - Indicates finish color. Only available in WH or BK. Complete ordering code by adding WH or BK to ordering code.
**Example:** GF-3R-1-WH
*Accommodates max ceiling thickness up to 1 1/4" for RD, RA and up to 5/8" for RW.

101439

| PROJECT INFORMATION | | | |
|---|---|---|---|
| JOB NAME | | TYPE | |
| ORDERING CODE | | | |

## LOW VOLTAGE OPTIONS

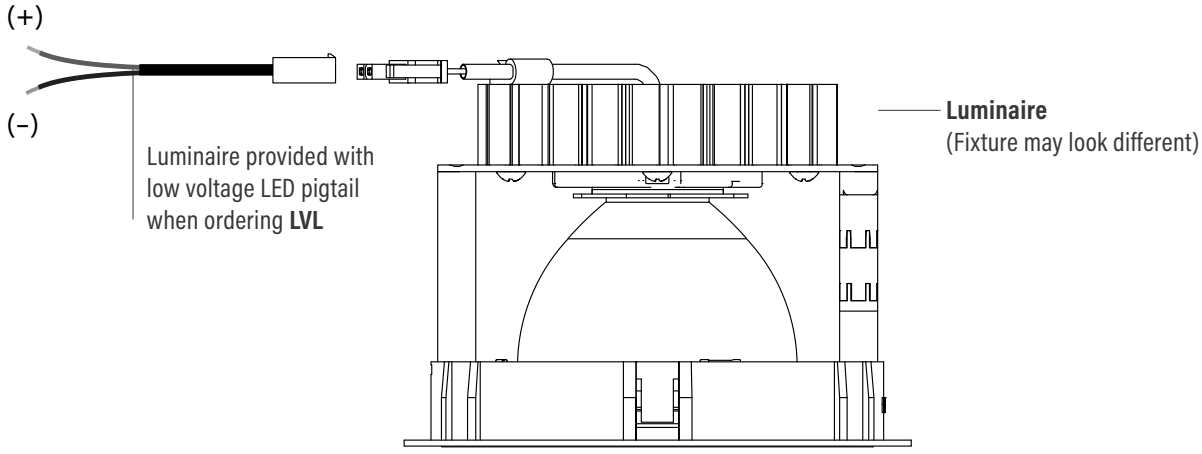
| 20° - 98° BEAM (Note: Specifications are subject to change without notice) | | | |
|---|---|---|---|
| 9mm COB PERFORMANCE DATA | | | |
| LED LIGHT ENGINE | NOMINAL DELIVERED LUMENS | DRIVE CURRENT | LED WATTAGE |
| 10LM | 950LM @30K/90CRI | 200mA | 7.5W |
| 15LM | 1470LM @30K/90CRI | 325mA | 12W |
| 20LM | 1950LM @30K/90CRI | 450mA | 16.5W |
| 25LM | 2400LM @30K/90CRI | 575mA | 21W |
| Notes | Delivered lumens based on 35° optic with no lens, (see page 2) | | |

| 15° BEAM (Note: Specifications are subject to change without notice) | | | |
|---|---|---|---|
| 6mm COB PERFORMANCE DATA | | | |
| LED LIGHT ENGINE | NOMINAL DELIVERED LUMENS | DRIVE CURRENT | LED WATTAGE |
| 10LM | 950LM @ 30K/90CRI | 250mA | 9W |
| 15LM | 1420LM @ 30K/90CRI | 400mA | 14.5W |
| Notes | Delivered lumens based on 15° optic with no lens, (see page 2) | | |

| 9.5° BEAM (Note: Specifications are subject to change without notice) | | | |
|---|---|---|---|
| 4.5mm COB PERFORMANCE DATA | | | |
| LED LIGHT ENGINE | NOMINAL DELIVERED LUMENS | DRIVE CURRENT | LED WATTAGE |
| 10LM | 1050LM @ 30K/90CRI | 350mA | 13W |
| Notes | Delivered lumens based on 9° optic with no lens, (see page 2) | | |

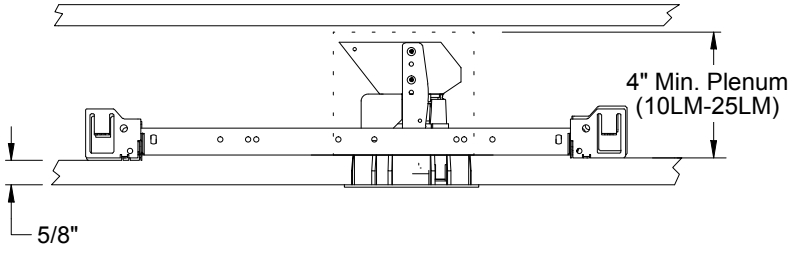
## NOMINAL LED VOLTAGE: 36VDC

*Customer to order CC Remote Driver separately or POE Node by others.*

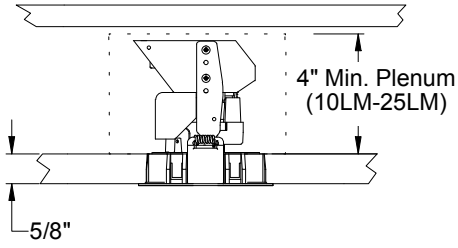



## PLENUM HEIGHT

### (NC-LVL-ND) NEW CONSTRUCTION REMOTE DX PANEL




### (RET-LVL-ND) REMOTE DX PANEL RETRO




**Ref. DX panel specification sheet for remote driver options.*

| PROJECT INFORMATION | | | |
|---|---|---|---|
| JOB NAME | | TYPE | |
| ORDERING CODE | | | |

## BATTERY OPTIONS

### EMERGENCY BATTERY

IOTA's ILB Battery Backups are UL Listed LED emergency drivers that allow the same LED fixture to be used for both normal and emergency operation. In the event of a power failure, the ILB switches to the emergency mode and operates the existing fixture for 90 minutes. The unit contains a battery, charger, and converter circuit in a single can. The Constant Power design of the ILB maintains the output wattage to the LED array even as the system voltage diminishes. UL 924 Listed for U.S. and Canada. UL 1310 Certified, Output Class 2 Compliant. Includes single-piece TBTS test switch and charge indicator accessory kit. For use with switched and unswitched fixtures, and includes Two-wire universal AC input. Meets or exceeds all National Electric Code and Life Safety Code Emergency Lighting Requirements. Rated for use in Plenum, Damp Location, Recessed Type IC, and Enclosed and Gasketed Luminares.

### REMOTE TEST SWITCH

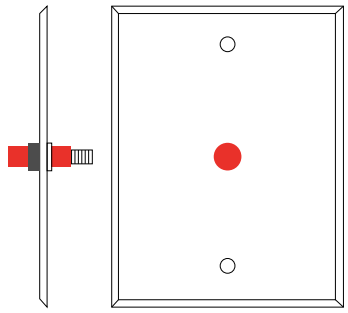
The Remote Test Switch may be mounted adjacent to the LED Fixture by others.

### EMERGENCY BATTERY ACCESS

Above ceiling access is required for service. An access panel in the ceiling (or other form of access) adjacent to the installation location of the Emergency Battery is required.

### REMOTE LOCATION

Maximum remote mounting distance of the emergency driver shall be 50 feet. Remote location wiring provided by others. Follow all Local and National Electric/ Building Codes.

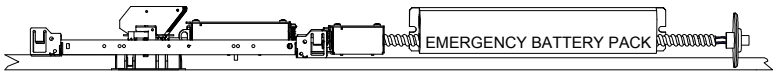


Remote Test Switch

| EM MODE OUTPUT (DELIVERED LUMENS) | | | |
|---|---|---|---|
| LUMEN ORDERING CODE | EM7 | EM10 | EM12 |
| ALL OPTIONS ( 10LM TO 25LM) | 740 | 992 | 1200 |
| **Notes:** Based on 30K, 90CRI | | | |

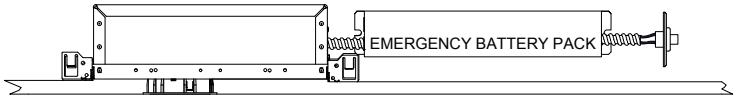
## NC - NEW CONSTRUCTION

### WITH EM BATTERY (REMOTE TEST SWITCH)

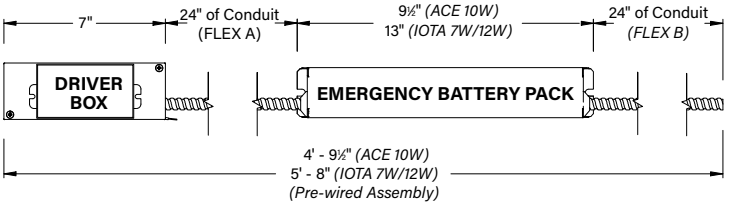



## IC - INSULATION CONTACT HOUSING

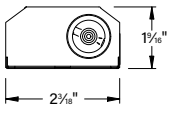
### WITH EM BATTERY (REMOTE TEST SWITCH)




## REMOTE BATTERY DIMENSIONS




**EMERGENCY BATTERY PACK**




**DRIVER BOX**

