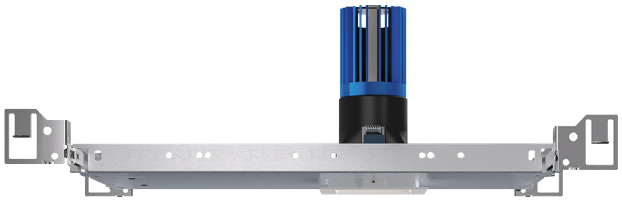
alphabet

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

# NU2

## 2" Square Deep Regress Standard White

NSF · AT airtight · PR plenum rated · wet rated · BABA•BAA



| 25° - 50° BEAM (Note: Specifications are subject to change without notice) | | |
|---|---|---|
| 9mm COB PERFORMANCE DATA | | |
| LED LIGHT ENGINE | NOMINAL DELIVERED LUMENS | SYSTEM WATTAGE |
| 10LM | 1030LM @30K/90CRI | 10W |
| 15LM | 1460LM @30K/90CRI | 14W |
| 20LM | 2040LM @30K/90CRI | 20W |
| 25LM | 2490LM @30K/90CRI | 26W |
| Notes | Delivered lumens based on 35D optic with no lens, (see page 2) | |

| 15° - 20° BEAM (Note: Specifications are subject to change without notice) | | |
|---|---|---|
| 6mm COB PERFORMANCE DATA | | |
| LED LIGHT ENGINE | NOMINAL DELIVERED LUMENS | SYSTEM WATTAGE |
| 10LM | 1070LM @30K/90CRI | 11W |
| 15LM | 1430LM @30K/90CRI | 16W |
| Notes | Delivered lumens based on 20D optic with no lens, (see page 2) | |

### FEATURES

- 1" bezel regress with 3/8" micro flange
- UGR < 10
- 115 LPW average
- Glare control, specialty optics, trim options, and custom finishes available
- Microban® antimicrobial finish available on all exposed painted surfaces

### DIMMING AND CONTROLS

- eldoLED 0-10V, dimming to 0.1% and 1%
- BAA - BABA compliant, flicker free 0-10V dim to 1%
- eldoLED flicker free DALI dimming to 0% and 1%
- DMX512/RDM dim to 0%
- Lutron Hi-Lume Ecosystem dim to 1% and 0.1%
- Leading & trailing edge (Triac/ELV), dim to 0%
- NLight control interface dimming to 0%
- Wireless control options, dim to 1% (Ref. page 11)

### CONSTRUCTION

- High-grade die-cast and cold forged aluminum alloy assembly with superior thermal and corrosion resistance properties
- Shatter proof acrylic bezel lens
- 20-gauge cold-rolled steel construction
- Accommodates ceiling thickness from 1/2" to 2"
- **CUTOUT DIMENSION:**
  Trim - 2-5/8" x 2-5/8"
  Trimless - 2-5/8" x 2-5/8"
  Millwork - 2-5/16" x 2-5/16"

### LED

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

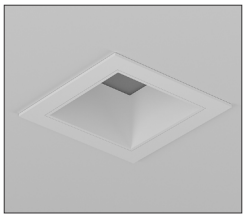
### LISTING

- ULus Listed to UL1598 & UL2108; cUL Listed to CSA C22.2 #250.0
- IP65 with lens - Suitable for wet locations with lens
- NSF/ANSI-2 with lens (Non-Food and Splash Zones)
- 5 Year Limited warranty

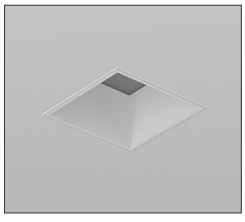
### ELECTRICAL

- 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

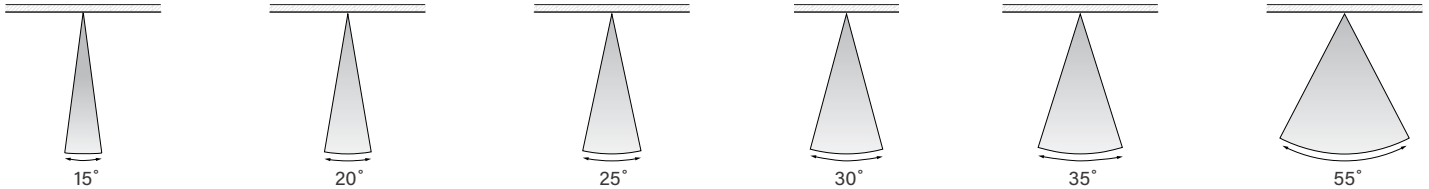


Trimless



Trimless Millwork

## BEAM SPREADS



alphabet

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

## ORDERING CODE

| | | |
|---|---|---|
| **SERIES** | **NU2** | NU2 |
| **TYPE** | **SDDR** | square downlight deep regress |
| | **SDTDR**[1] | square downlight trimless deep regress |
| | **SDTMWDR**[2] | square downlight trimless millwork deep regress |
| **LED** | **SW** | standard white |
| **DELIVERED LUMENS** | **10LM** | 970 lm |
| | **15LM** | 1510 lm |
| | **20LM** | 1990 lm |
| | **25LM** | 2450 lm |
| | **Standard Configuration:** 3000K 90CRI 35D, **CL** | |
| | **Calculated Delivered Lumens =** [Delivered Lumen Value] x [CCT Multiplier] x [Reflector Multiplier] | |
| **CCT** | **22K** | 2200K |
| | **24K** | 2400K |

| CCT | 2200K | 2400K |
|---|---|---|
| CRI | 90+ | 90+ |
| CCT MULTIPLIER FOR LUMEN OUTPUT | 0.71 | 0.77 |

| | |
|---|---|
| **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** | **15D**[3] | 15 degrees (1.00) |
| | **20D**[3] | 20 degrees (1.00) |
| | **25D** | 25 degrees (0.97) |
| | **30D** | 30 degrees (0.98) |
| | **35D** | 35 degrees (1.00) |
| | **55D** | 55 degrees (0.89) |
| **BEZEL LENS** | **NL** | no lens (1.00) |
| | **CL** | clear lens (0.95) |
| | **DL** | diffused lens (0.87) |
| | **HCL** | honeycomb louver (0.70) |
| | **HET** | high efficiency textured lens, similar to Solite™ (0.92) |
| | **SBL** | smoothing beam lens (0.93) |
| | Maximum 2pcs of media per fixture. | |
| **TRIM 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. | |
| | 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 |
| | **NC-F** | new construction plate, fixed driver |
| | **NCINH**[5] | new construction with ceiling fitting plate, IC rated, inherently protected |
| | **IC**[6] | insulation contact housing |
| | **ICAT**[6] | insulation contact/airtight housing |
| | **CP**[6] | chicago plenum housing |
| | **RET** | retrofit, no ceiling plate |
| | **RETINH**[5] | retrofit, no ceiling fitting plate, IC rated, inherently protected |
| **VOLTAGE** | **120** | 120V |
| | **UNV** | 120V-277V |
| | **LVL**[7] | low voltage luminaire |
| **DIMMING** | **DIM10** | eldoLED flicker free 0-10V dim to 1% |
| | **BDIM10**[8] | BAA – BABA compliant, flicker free 0-10V dim to 1% |
| | **DIM10Z** | eldoLED flicker free 0-10V dim 0.1% |
| | **DALI** | eldoLED flicker free DALI-2 dim to 1% |
| | **DALIZ** | eldoLED flicker free DALI-2 dim to 0.1% |
| | **LUTP**[9] | Lutron Hi-Lume Eco (fade) dim to 0.1% |
| | **ELV1**[10, 11] | leading edge & trailing edge (Triac/ELV) dim to 1% |
| | **DMX-RJ45** | DMX control dimming to 0.1% with RJ45 connection |
| | **DMX-WL** | DMX-512/RDM dim to 0% with lead wire input |
| | **DMX-XLR** | DMX-512/RDM dim to 0% with XLR input |
| | **NLT** | nLight control interface: Cat-5/RJ45, dim to off |
| | **ND** | no driver included |
| | **WIRELESS** (ref. page 11 for available options) | |
| **ELECTRICAL OPTIONS** | **EM7** | remote emergency battery, 90 min at 7W |
| | **EM12** | remote emergency battery, 90 min at 12W |
| | **EM10CA20** | emergency battery backup, 90 minutes at 10W to LED, CA title 20 |

## YOUR COMPLETED ORDERING CODE

Follow the steps to specify your fixture, example:

**NU2 - SDDR - SW - 20LM - 35K - 90 - 35D - CL - WH - WH - NC - UNV - DIM10 - EM7**

## COMPATIBILITY - MOUNTING / ACCESSIBILITY / DIMMING

| DIMMING | NC-F | NC | IC | ICAT | CP | RET |
|---|---|---|---|---|---|---|
| | FIXED | FLOATING | FLOATING | FLOATING | FLOATING | FLOATING |
| DIM10 | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ |
| BDIM10 | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ |
| DIM10Z | ✔ | | | | | |
| DALI | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ |
| DALIZ | ✔ | | | | | |
| LUTP | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ |
| ELV1 | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ |
| DMX | ✔ | | | | | |
| NLT | ✔ | | | | | |
| ND | REMOTE POWER SUPPLY | | | | | |

**Fixed driver - above ceiling access required (grid / T-Bar ceiling)**

**Floating driver - below ceiling accessible (gypsum / hard lid ceiling)**

**NOTES**

1. Available in 10LM/15LM/20LM and DIM10/BDIM10 only, floating single knockout box.
2. Above ceiling access and 8in min. plenum space required, LVL only.
3. 15D/20D available in 10LM/15LM, 27K/30K/35K/40K.
4. Custom set up fee plus minimum quantity required per color.
5. RETINH/NCINH available in 10LM, 25D/30D/35D/55D.
6. IC/ICAT/CP not available in 25LM.
7. Must select ND dimming code, for remote driver or POE specifications see page 10.
8. BDIM10 not available in 25LM.
9. LUTP not available in 25LM.
10. ELV1 available in 120V.
11. Available in NC-F for SDTDR.

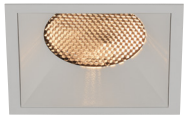
* EldoLED uses logarithmic dimming curve as standard. For linear dimming curve, add "LIN" after dimming code, i.e. DIM10LIN.

| 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
- Calculations based on 15LM fixtures, unless otherwise noted

### HCL
Honeycomb Louver



| OPTIC | BEAM ANGLE | UGR |
|---|---|---|
| 15D | 16 | <10 |
| 20D | 19 | <10 |
| 25D | 23 | <10 |
| 35D | 32 | <10 |
| 50D | 47 | 14.5 |

### NL
No Lens



| OPTIC | BEAM ANGLE | UGR |
|---|---|---|
| 15D | 16 | <10 |
| 20D | 20 | <10 |
| 25D | 24 | <10 |
| 35D | 36 | <10 |
| 50D | 50 | 17.6 |

### CL
Clear Lens



| OPTIC | BEAM ANGLE | UGR |
|---|---|---|
| 15D | 16 | <10 |
| 20D | 20 | <10 |
| 25D | 24 | <10 |
| 35D | 37 | <10 |
| 50D | 51 | 18 |

### DL
Diffused Lens



| OPTIC | BEAM ANGLE | UGR |
|---|---|---|
| 25D | 37 | 17.4 |
| 35D | 44 | 17.8 |
| 50D | 51 | 22.1 |

### HET
High Efficiency Textured Lens



| OPTIC | BEAM ANGLE | UGR |
|---|---|---|
| 15D | 20 | <10 |
| 20D | 23 | <10 |
| 25D | 27 | <10 |
| 35D | 37 | 12.4 |
| 50D | 51 | 19.2 |

### SBL
Smoothing Beam Lens



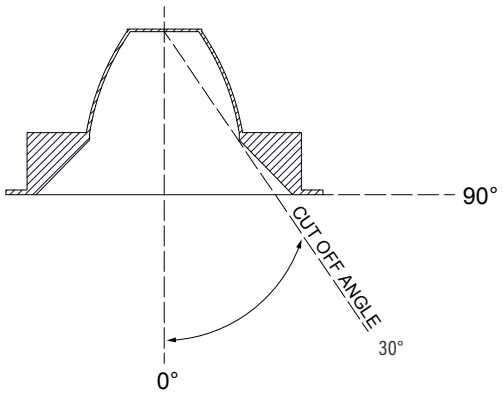
| OPTIC | BEAM ANGLE | UGR |
|---|---|---|
| 15D | 17 | <10 |
| 20D | 22 | <10 |
| 25D | 25 | <10 |
| 35D | 37 | 11.6 |
| 50D | 51 | 18.1 |

## 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 30° degrees;



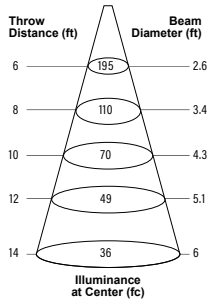
alphabet

| 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 | |

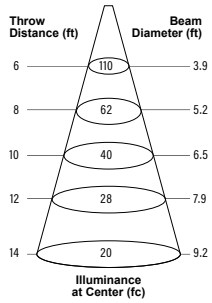
### 25D 24° NO LENS




| WATTS: 13.7 | LPW: 103.3 |
|---|---|
| LUMENS: 1415 | CCT: 3000K |

| INTENSITY | |
|---|---|
| DEGREE | CANDELA |
| 0 | 7009 |
| 5 | 6482 |
| 15 | 2290 |
| 25 | 345 |
| 35 | 27 |
| 45 | 6 |

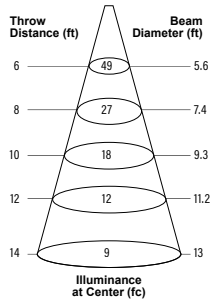
### 35D 36° NO LENS




| WATTS: 13.7 | LPW: 106.3 |
|---|---|
| LUMENS: 1456 | CCT: 3000K |

| INTENSITY | |
|---|---|
| DEGREE | CANDELA |
| 0 | 3975 |
| 5 | 3814 |
| 15 | 2522 |
| 25 | 754 |
| 35 | 53 |
| 45 | 10 |

### 50D 50° NO LENS

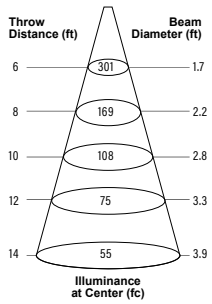



| WATTS: 13.7 | LPW: 88.4 |
|---|---|
| LUMENS: 1211 | CCT: 3000K |

| INTENSITY | |
|---|---|
| DEGREE | CANDELA |
| 0 | 1754 |
| 5 | 1733 |
| 15 | 1511 |
| 25 | 872 |
| 35 | 242 |
| 45 | 26 |

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

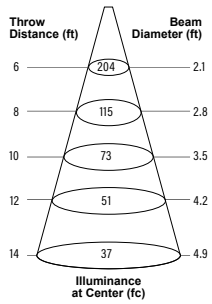
### 15D 15.8° NO LENS




| WATTS: 11.2 | LPW: 95.6 |
|---|---|
| LUMENS: 1071 | CCT: 3000K |

| INTENSITY | |
|---|---|
| DEGREE | CANDELA |
| 0 | 10819 |
| 5 | 8394 |
| 15 | 1187 |
| 25 | 123 |
| 35 | 12 |
| 45 | 0 |

### 20D 20° NO LENS




| WATTS: 11.2 | LPW: 96.7 |
|---|---|
| LUMENS: 1083 | CCT: 3000K |

| INTENSITY | |
|---|---|
| DEGREE | CANDELA |
| 0 | 7339 |
| 5 | 6163 |
| 15 | 1398 |
| 25 | 207 |
| 35 | 52 |
| 45 | 18 |

alphabet

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

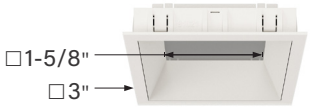
## TRIM OPTIONS

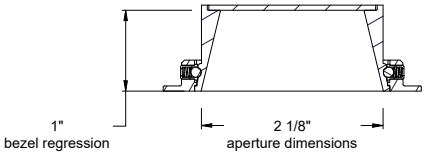
### TRIM/BEZEL COLORS

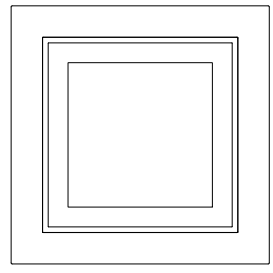



WH MC BK BZ CC

### TRIMMED



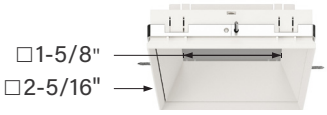



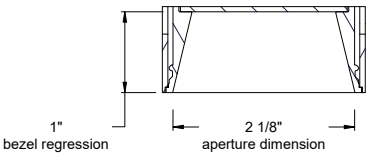



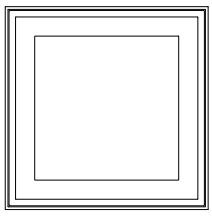
ceiling cutout
2-5/8" diameter

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

### MILLWORK



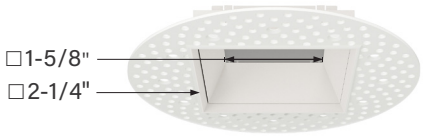



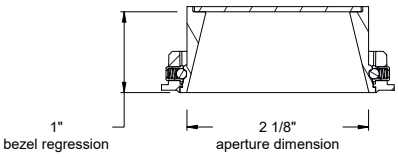



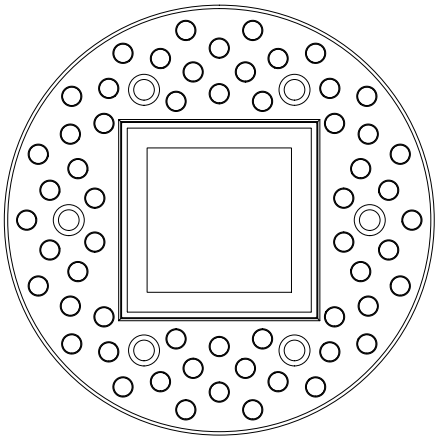
ceiling cutout
2-5/16" diameter

ceiling thickness
3/8" to 2"

### TRIMLESS



ceiling cutout
2-5/8" diameter

ceiling thickness
3/8" to 2"

alphabet

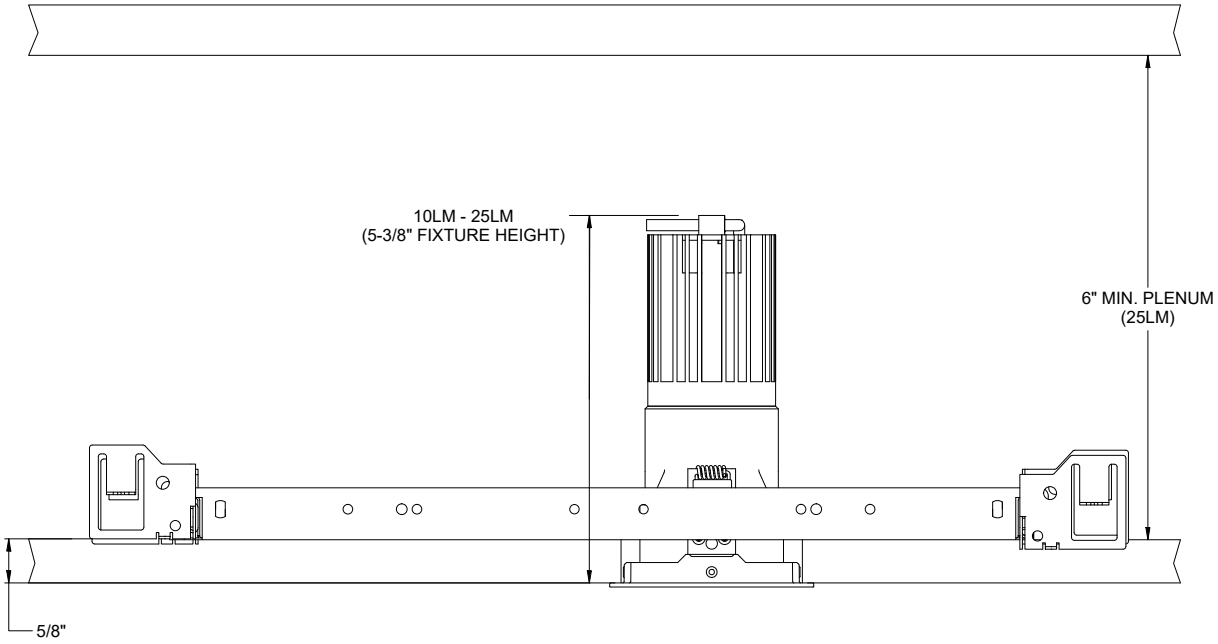
| PROJECT INFORMATION | | | |
|---|---|---|---|
| JOB NAME | | TYPE | |
| ORDERING CODE | | | |

## MOUNTING OPTIONS

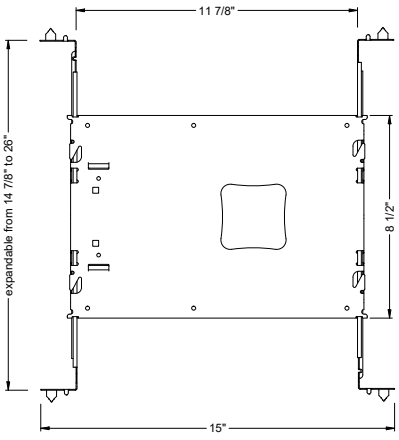
| RATINGS / CERTIFICATIONS | NC | RET | IC | ICAT | CP |
|---|---|---|---|---|---|
| TYPE NON-IC | ✔ | ✔ | | | |
| TYPE IC | | | ✔ | ✔ | ✔ |
| CHICAGO PLENUM (CCEA) | | | | | ✔ |
| SUITABLE FOR AIR HANDLING PLENUMS | ✔ | ✔ | ✔ | ✔ | ✔ |
| REDUCED AIRFLOW (WITH LENS) ASTM E283 | ✔ | ✔ | ✔ | ✔ | ✔ |

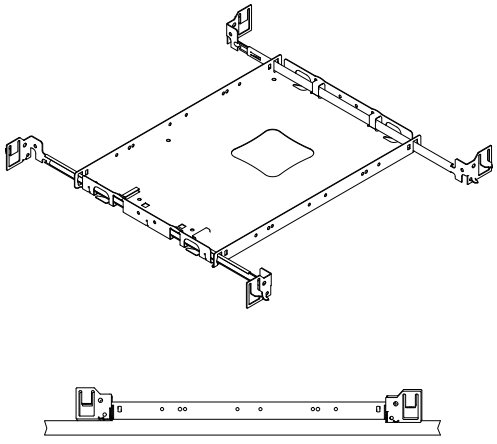
| MOUNTING TYPE | STANDARD CEILING THICKNESS | STANDARD CEILING CUTOUT |
|---|---|---|
| TRIM | 1/8" to 1-3/4" | 2-5/8" |
| TRIMLESS | 3/8" to 2" | 2-5/8" |
| MILLWORK (TRIMLESS) | 3/8" to 2" | 2-5/16" |

## PLENUM HEIGHT




## NEW CONSTRUCTION - NC



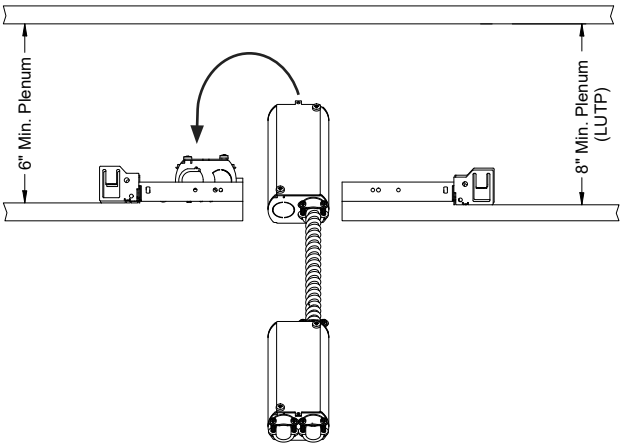
| ADDITIONAL MOUNTING INFO | |
|---|---|
| New Construction<br>Bar Hangers (included) | Mounting Length:<br>14-3/4" to 26" |
| Extension Kit p/n: K20266<br>(ordered separately,<br>1 per fixture) | *Extends a pair of Bar Hangers*<br>Total Mounting Length:<br>29" to 48" |

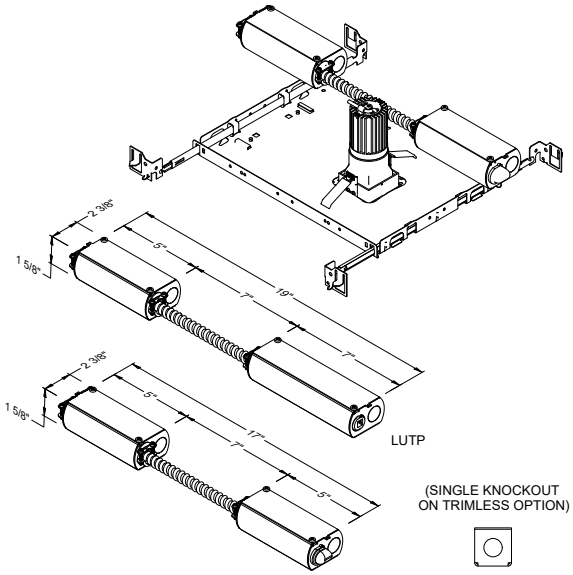
alphabet

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

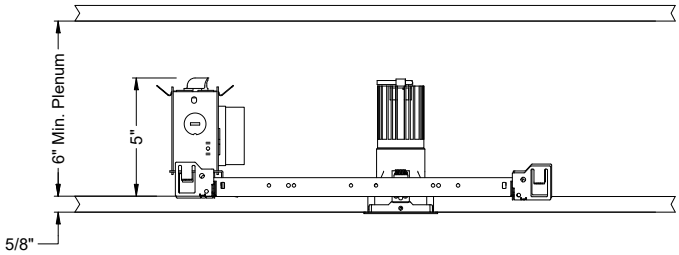
## MOUNTING OPTIONS

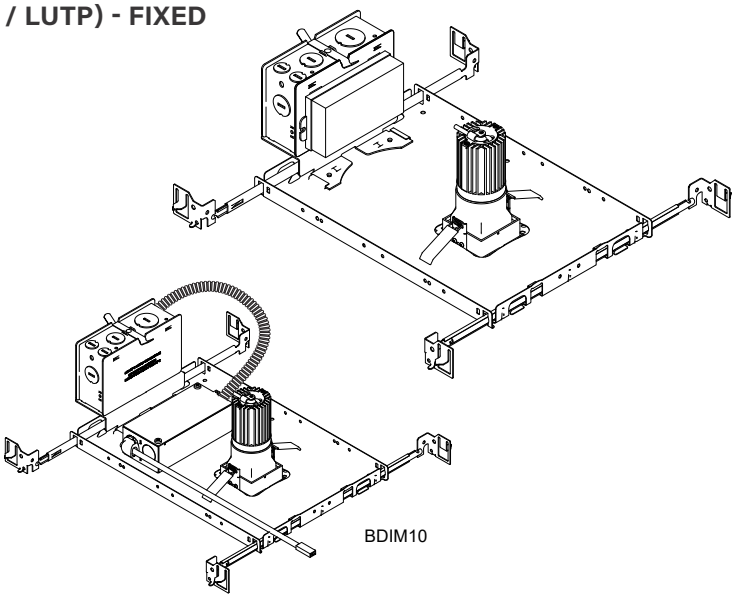
### 10LM-25LM (DIM10 / BDIM10 / DALI / ELV1 / LUTP) - FLOATING
(BELOW CEILING ACCESSIBLE)



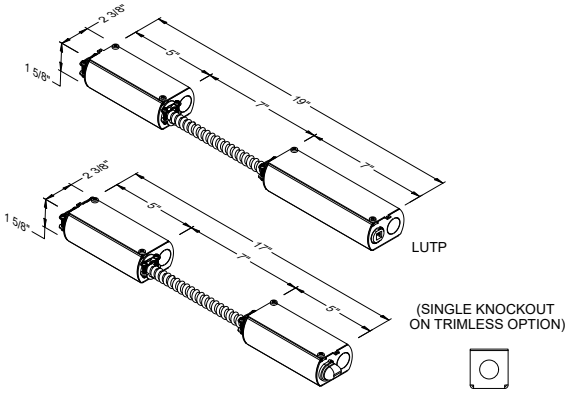



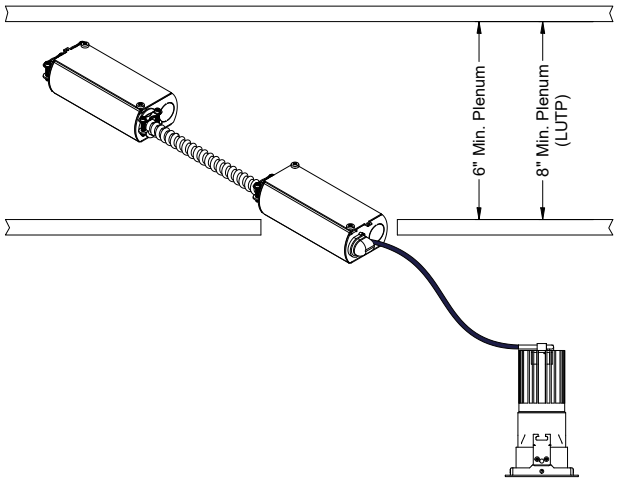

### 10LM-25LM (DIM10 / BDIM10 / DIM10Z / DALI / DALIZ / ELV1 / LUTP) - FIXED
(ABOVE CEILING ACCESS REQUIRED)




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



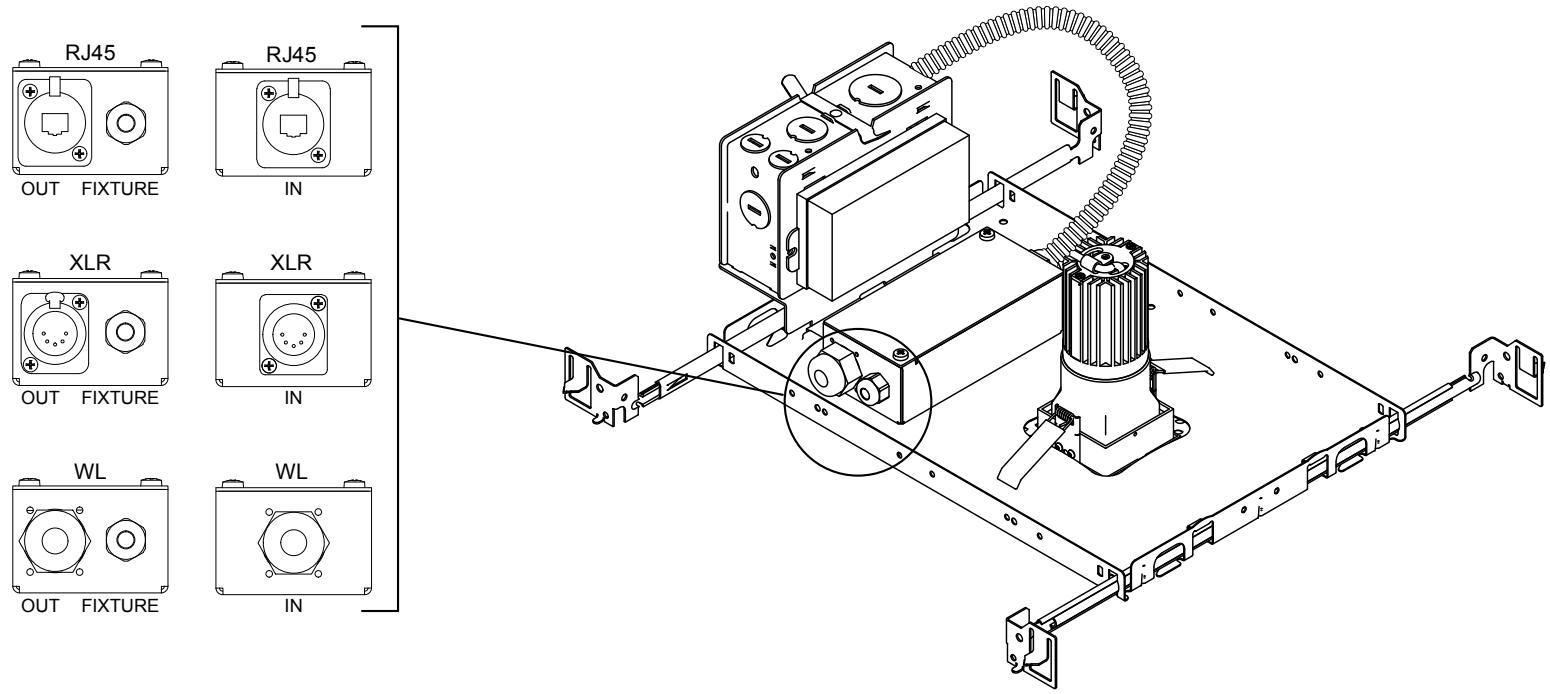




101503

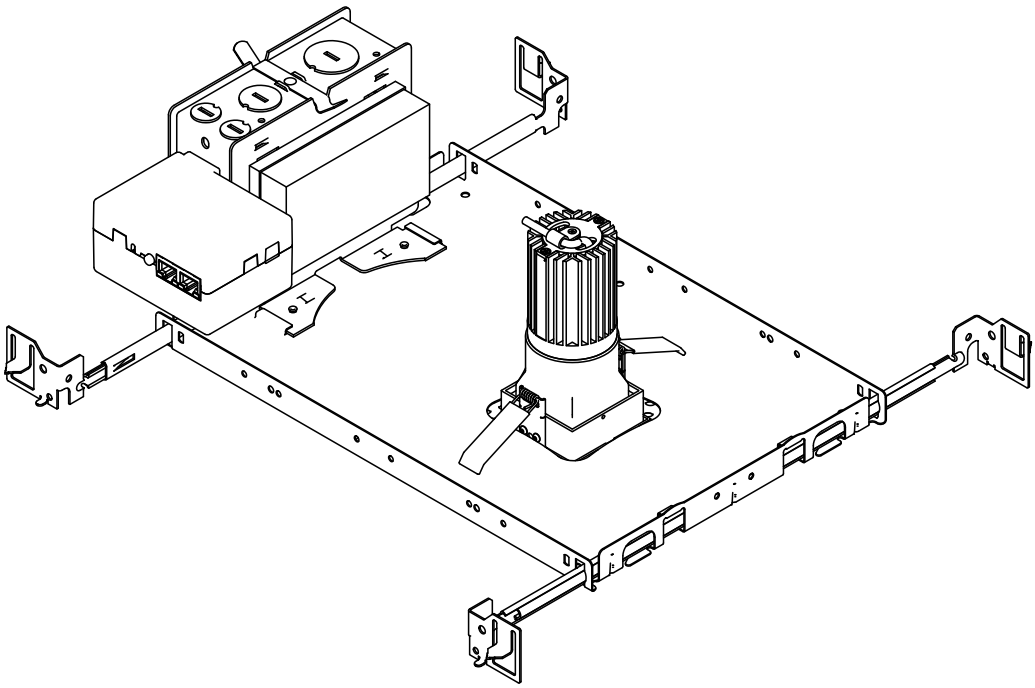
| PROJECT INFORMATION | | | |
|---|---|---|---|
| JOB NAME | | TYPE | |
| ORDERING CODE | | | |

## MOUNTING OPTIONS

### 10LM-25LM (DMX) - FIXED
(ABOVE CEILING ACCESS REQUIRED)



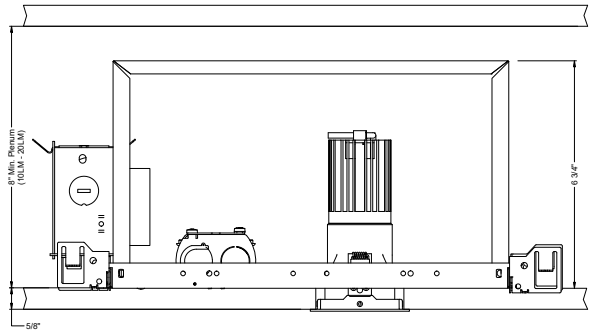

### 10LM-25LM (NLT) - FIXED
(ABOVE CEILING ACCESS REQUIRED)

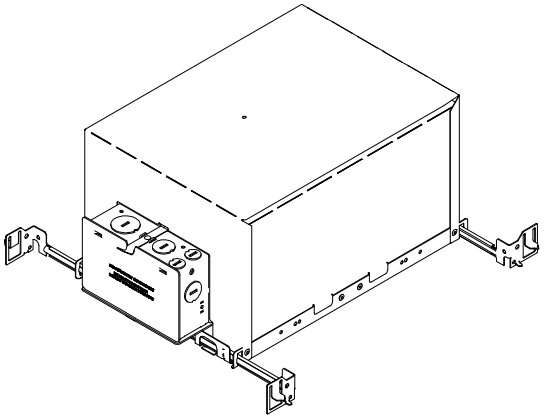


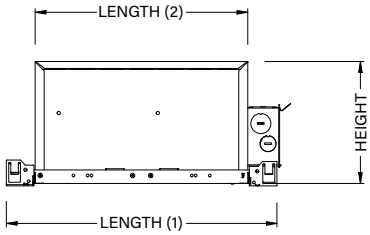
| PROJECT INFORMATION | | | |
|---|---|---|---|
| JOB NAME | | TYPE | |
| ORDERING CODE | | | |

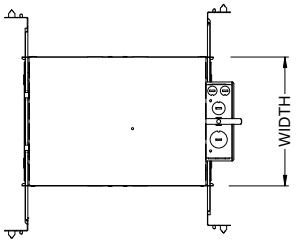
## MOUNTING OPTIONS

### IC - INSULATION CONTACT | ICAT - INSULATION CONTACT / AIR TIGHT | CP - CHICAGO PLENUM — FLOATING
(DIM10 / DIM10Z / DALI / DALIZ / LUTP / ELV1 / ND)






| BOX SIZE | L 1 | L 2 | W | H |
|---|---|---|---|---|
| A | 15 - 7/16" | 11 - 3/4" | 8 - 1/2" | 6 - 3/4" |

| BOX TYPE / LUMEN OUTPUT - STANDARD BEAMS (25°-60°) | | | |
|---|---|---|---|
| LUMEN OUTPUT | BOX-A | | |
| | CP | IC | ICAT |
| 10LM | ✔ | ✔ | ✔ |
| 15LM | ✔ | ✔ | ✔ |
| 20LM | ✔ | ✔ | ✔ |
| 25LM | | | |

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

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

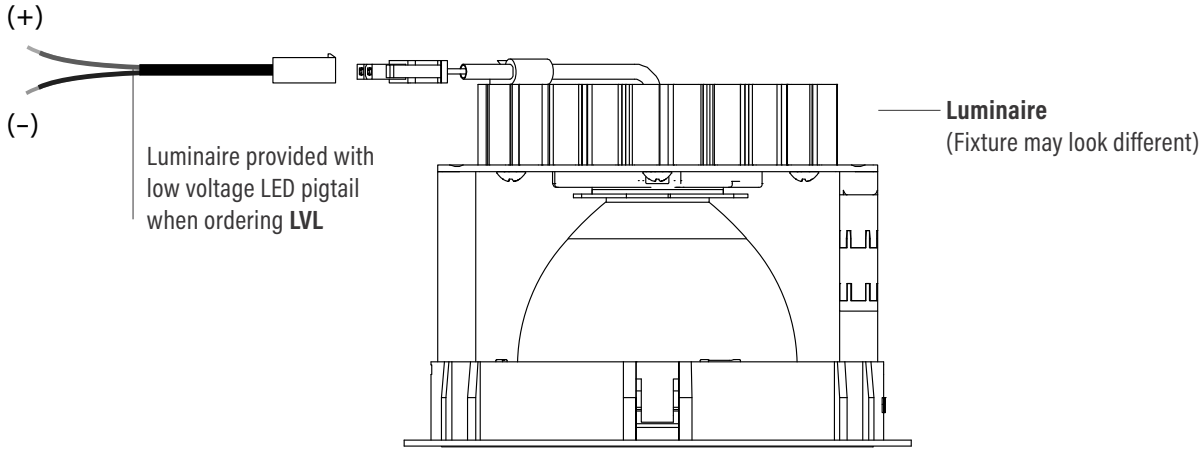
## LOW VOLTAGE OPTIONS

| 25° - 50° BEAM (Note: Specifications are subject to change without notice) | | | |
|---|---|---|---|
| 9mm COB PERFORMANCE DATA | | | |
| LED LIGHT ENGINE | NOMINAL DELIVERED LUMENS | DRIVE CURRENT | LED WATTAGE |
| 10LM | 1030LM @30K/90CRI | 225mA | 8.5W |
| 15LM | 1460LM @30K/90CRI | 325mA | 12W |
| 20LM | 2040LM @30K/90CRI | 475mA | 17.5W |
| 25LM | 2490LM @30K/90CRI | 600mA | 22W |
| Notes | Delivered lumens based on 35D optic with no lens, (see page 2) | | |

| 15° - 20° BEAM (Note: Specifications are subject to change without notice) | | | |
|---|---|---|---|
| 6mm COB PERFORMANCE DATA | | | |
| LED LIGHT ENGINE | NOMINAL DELIVERED LUMENS | DRIVE CURRENT | LED WATTAGE |
| 10LM | 1070LM @30K/90CRI | 250mA | 9W |
| 15LM | 1430LM @30K/90CRI | 350mA | 13W |
| Notes | Delivered lumens based on 20D optic with no lens, (see page 2) | | |

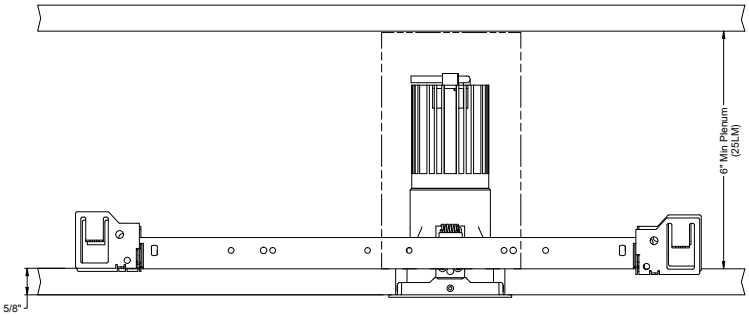
## NOMINAL LED VOLTAGE: 36VDC

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

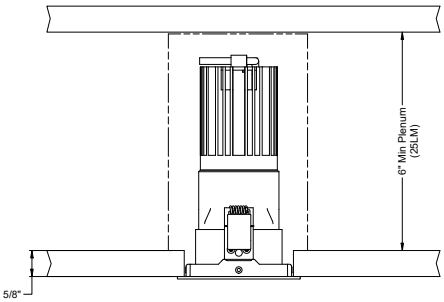



## PLENUM HEIGHT

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




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



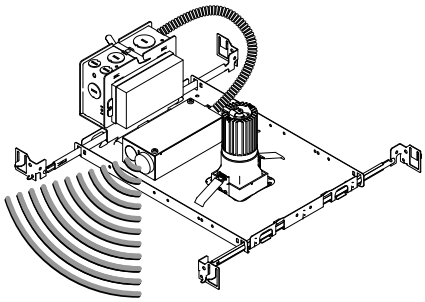

**Ref. DX panel specification sheet for remote driver options.*

alphabet

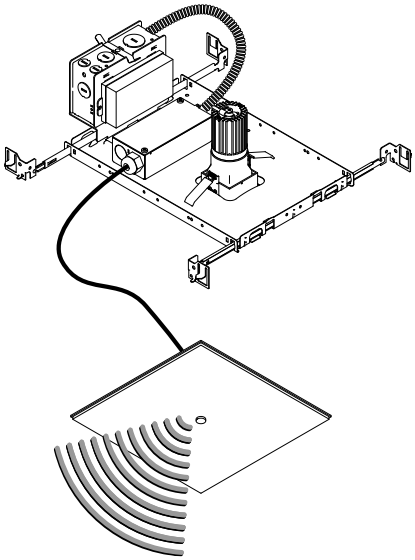
| PROJECT INFORMATION | | | |
|---|---|---|---|
| JOB NAME | | TYPE | |
| ORDERING CODE | | | |

## WIRELESS OPTIONS

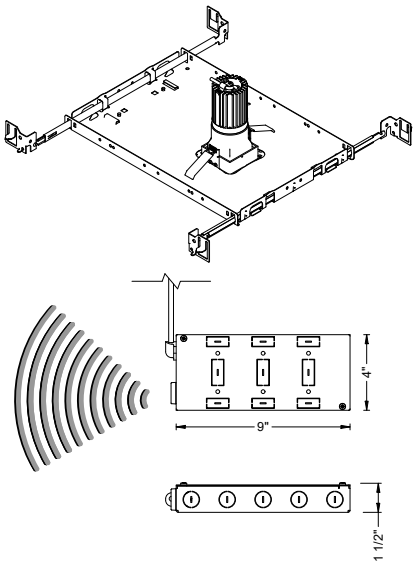
### NC - NEW CONSTRUCTION
PLENUM SIDE



### NC - NEW CONSTRUCTION
R CEILING SIDE



### NC - NEW CONSTRUCTION
DX REMOTE



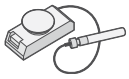

***Customer must verify system design and installation with their controls provider (e.g., Lutron).***
Wireless signal strength, reliability, performance, and commissioning are the responsibility of the customer. Remote DX can power LEDs up to 330FT (18 AWG), but adequate wireless signal is customers responsibility.

| YOUR COMPLETED ORDERING CODE |
|---|
| |
| Follow the steps to specify your fixture, example: |
| **NU2 - SDDR - SW - 20LM - 35K - 90 - 35D - CL - WH - WH - NC - UNV - AWN** |
| **NU2 - SDDR - SW - 20LM - 35K - 90 - 35D - CL - WH - WH - NC - LVL - AWN - DX** |

nLIGHT

**ORDERING CODE**

**NLTA** . . . . . nlight air wireless device (0-10V Driver) - integrated / above ceiling
**NLTA-DX** . . . nlight air wireless device (0-10V Driver) - remote DX Compact Driver



**MODEL NUMBER**

nlight air model #: RIO-ZT-180D-G2

**POWER SUPPLY**

(0-10V Driver): ELDOled 0-10V Optotronic LED driver with Aux Power, Dim-to-off

LUTRON Athena

**ORDERING CODE**

**AWN** . . . . . athena wireless node (0-10V Driver) - integrated / above ceiling
**AWN-DX** . . . athena wireless node (0-10V Driver) - remote DX Compact Driver
**AWND** . . . . . athena wireless node (DALI2 Driver) - integrated / above ceiling
**AWND-DX** . . athena wireless node (DALI2 Driver) - remote DX Compact Driver
**AWND-R** . . . athena wireless OCC Sensor / 4FT lead (DALI2 Driver) - ceiling installation



**MODEL NUMBER**

athena node model #: A-WN-D01-RF
athena OCC model #: A-WN-D01-OCC-WH

**POWER SUPPLY**

(0-10V Driver): ELDOled 0-10V Optotronic LED driver with Aux Power, Dim-to-off
(DALI2 Driver): Moons D4i DALI2 LED driver with DALI Bus Power, Dim-to-off

legrand WATTSTOPPER® PLUS

**ORDERING CODE**

**CLM** . . . . . connected lighting module (0-10V Driver) - integrated / above ceiling
**CLM-DX** . . . . connected lighting module (0-10V Driver) - remote DX Compact Driver
**CLMD** . . . . . connected lighting module (DALI2 Driver) - integrated / above ceiling
**SENSI-R** . . . SensiLUM sensor / 4FT lead (DALI2 Driver) - ceiling installation



**MODEL NUMBER**

CLM model #: ZBHA-CLM-DIM
SensiLUM sensor model #: EN-CLM-PIR-DD-ZB

**POWER SUPPLY**

(0-10V Driver): ELDOled 0-10V Optotronic LED driver with Aux Power, Dim-to-off
(DALI2 Driver): Moons D4i DALI2 LED driver with DALI Bus Power, Dim-to-off

CASAMBI

**ORDERING CODE**

**CAS** . . . . . Casambi wireless controller (0-10V Driver) - integrated / above ceiling
**CAS-DX** . . . . Casambi wireless controller (0-10V Driver) - remote DX Compact Driver



**MODEL NUMBER**

Casambi model #: CBU-ARP-LR

**POWER SUPPLY**

(0-10V Driver): ELDOled 0-10V Optotronic LED driver with Aux Power, Dim-to-off

101503

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

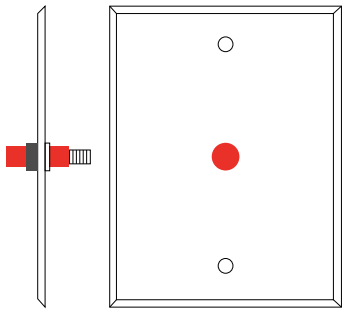
## BATTERY OPTIONS

### EMERGENCY BATTERY
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.

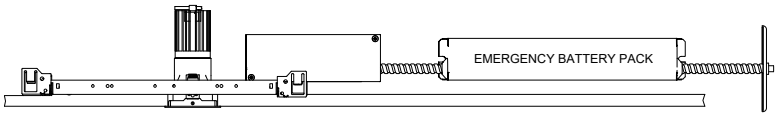
### REMOTE LOCATION
Maximum remote mounting distance of the emergency driver shall be 50 feet. Remote location wiring provided by others. Follow all Local and National Electric/ Building Codes.



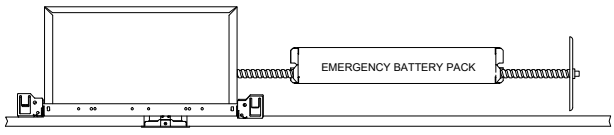
Remote Test Switch

| EM MODE OUTPUT (DELIVERED LUMENS) | | | |
|---|---|---|---|
| LUMEN ORDERING CODE | EM7 | EM10 | EM12 |
| ALL OPTIONS (10LM TO 25LM) | 847 | 1210 | 1450 |
| **Notes:** Based on 30K, 90CRI | | | |

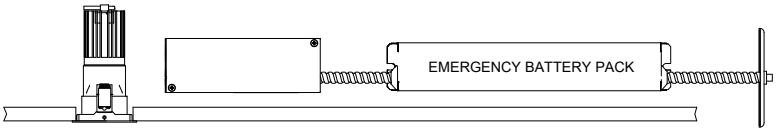
## NC - NEW CONSTRUCTION
### WITH EM BATTERY (REMOTE TEST SWITCH)



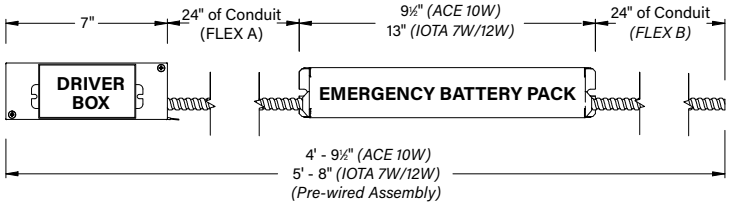

## IC / ICAT / CP - INSULATION CONTACT HOUSING
### WITH EM BATTERY (REMOTE TEST SWITCH)



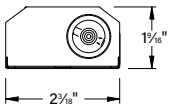

## RET - RETROFIT
### WITH EM BATTERY (REMOTE TEST SWITCH)




## REMOTE BATTERY DIMENSIONS




**EMERGENCY BATTERY PACK**




**DRIVER BOX**

