

Collection of specification grade downlights for architectural applications. Excellent build quality with features for the most demanding professional applications. Three sizes 4", 5", 6" aperture with generous light outputs and excellent chromatic performance. Professional optics available with general downlight, directional or wall washer distribution.

**Luminaire characteristics:**

**Power input:** 15.5W, 21.5W or 29W  
**Lumens:** 900, 1200 or 1600lm  
**Luminaire efficacy:** Up to 67lm/W

**Source:**

COB LED module (LM-80 tested)  
2700K : 90CRI or 97CRI,  
3000K : 80CRI, 90CRI, or 97CRI,  
3500K : 80CRI or 90CRI,  
4000K : 80CRI.

**Lumen maintenance:**

LM79 tested,  
90% of initial lumens at 50 000 hours (L90),  
80% of initial lumens at 100 000 hours (L80).

**Optics:**

**Fixed:** Deep recessed reflector available with spot or flood optic.  
**Adjustable:** Deep recessed reflector available with spot or flood optic. Optical assembly hot aiming adjustment: 30° tilt and 359°pan.  
**Wall Washer:** Wall washer.

**Material:**

Body: Die-cast aluminum optical assembly  
Reflector: Metalized polycarbonate  
Baffle: Painted polycarbonate

**Mounting:**

Retrofit,  
New construction.  
New construction insulated ceiling and Chicago plenum.  
See page 4 for details.

**Electrical:**

Integral high efficiency power supply rated at 50 000 hours, 120V or 277V.

**Dimming:**

Leading edge (triac), Trailing edge (elv) and 0-10V down to 15%,  
0-10V down to 1%,  
Lutron Hi-Lume A-Series down to 1%.

**Finish:**

Powder coated body and baffle. See page 5 for details.

**Weight:**

3.8lbs (1.72kg)

**Warranty:**

5 year limited warranty.

**Ratings:**

IP54

**Certification:**

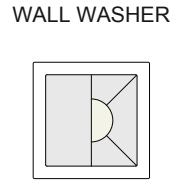
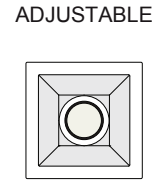
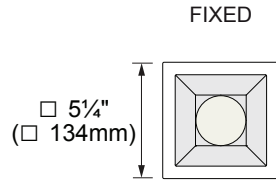


cULus listed for Damp location.

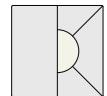
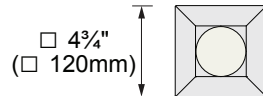
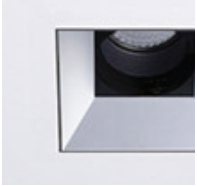


**MODELS**

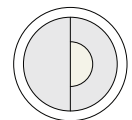
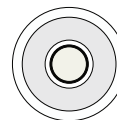
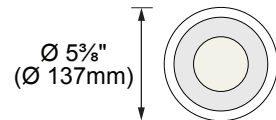
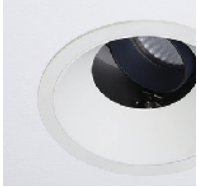
**TRIM**



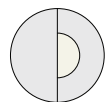
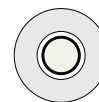
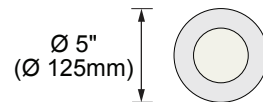
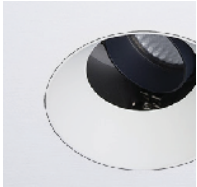
**TRIMLESS**



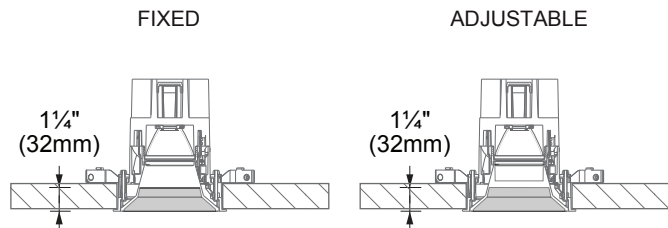
**TRIM**



**TRIMLESS**

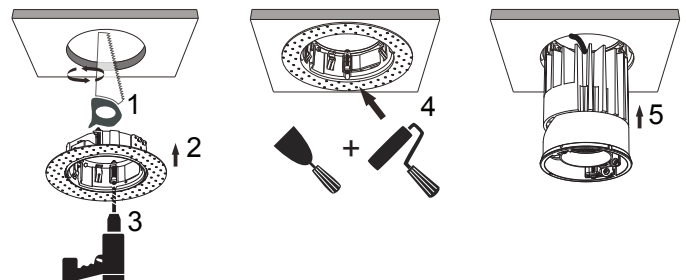


**BAFFLE DEPTH**



**TRIMLESS FRAME KIT**

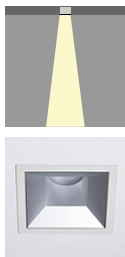
**Trimless frame kit** (included with trimless model), to be fastened to the gypsum board. The assembly is then finished by plastering, sanding and painting. Install the luminaire inside the opening once painting is completed.



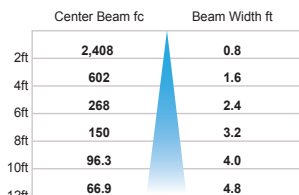
## PHOTOMETRIC DATA

Photometric performance is measured at an accredited independent laboratory in accordance with IESNA LM-79.  
Visit [sistemalux.com](http://sistemalux.com) for complete photometric data.

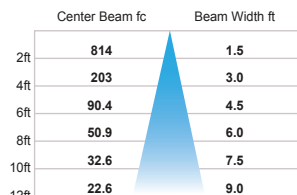
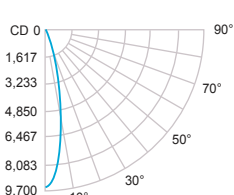
### FIXED



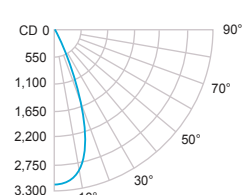
| CCT (K) | CRI | OUTPUT | LOAD (W) | OPTIC | LUMENS (lm) | EFFICACY (lm / w) | MAX CANDELA (cd) |
|---------|-----|--------|----------|-------|-------------|-------------------|------------------|
| 3000K   | 80  | HE     | 15.5W    | Spot  | 1040        | 67                | 5 535            |
|         |     |        |          | Flood | 900         | 58                | 1 870            |
|         |     | BO     | 21.5W    | Spot  | 1330        | 61                | 7 095            |
|         |     |        |          | Flood | 1155        | 53                | 2 395            |
|         |     | HO     | 29W      | Spot  | 1810        | 62                | 9 630            |
|         |     |        |          | Flood | 1570        | 54                | 3 255            |



3000K - 80 CRI - 29W - Spot 20°



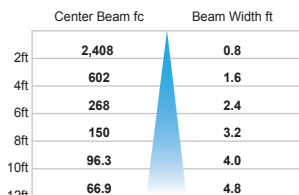
3000K - 80 CRI - 29W - Flood 40°



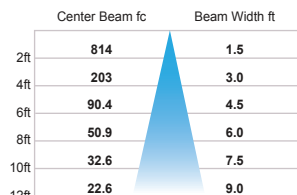
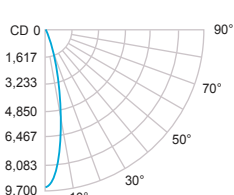
### ADJUSTABLE



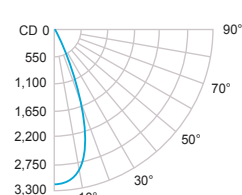
|       |    |    |       |       |      |    |       |
|-------|----|----|-------|-------|------|----|-------|
| 3000K | 80 | HE | 15.5W | Spot  | 1040 | 67 | 5 535 |
|       |    |    |       | Flood | 900  | 58 | 1 870 |
|       |    | BO | 21.5W | Spot  | 1330 | 61 | 7 095 |
|       |    |    |       | Flood | 1155 | 53 | 2 395 |
|       |    | HO | 29W   | Spot  | 1810 | 62 | 9 630 |
|       |    |    |       | Flood | 1570 | 54 | 3 255 |



3000K - 80 CRI - 29W - Spot 20°



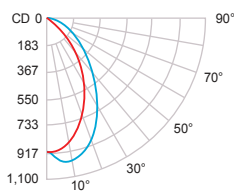
3000K - 80 CRI - 29W - Flood 40°



### WALL WASHER



|       |    |    |       |             |      |    |       |
|-------|----|----|-------|-------------|------|----|-------|
| 3000K | 80 | HE | 15.5W | Wall washer | 685  | 44 | 575   |
|       |    | BO | 21.5W |             | 880  | 40 | 735   |
|       |    | HO | 29W   |             | 1195 | 41 | 1 000 |



3000K - 80 CRI - 29W - Wall Washer

\*USE MULTIPLIER TABLE FOR OTHER CCT AND CRI OUTPUT DATA

| CCT options | 2700K | 2700K | 3000K | 3000K | 3000K | 3500K | 3500K | 4000K |
|-------------|-------|-------|-------|-------|-------|-------|-------|-------|
| CRI options | 90CRI | 97CRI | 80CRI | 90CRI | 97CRI | 80CRI | 90CRI | 80CRI |
| Multiplier  | 0.79  | 0.72  | 1     | 0.79  | 0.75  | 1.01  | 0.84  | 1.03  |

## INSTALLATION OPTIONS

### Remodel (RF)

For new or existing ceiling. Suitable for non-insulated ceiling like sheetrock or paneling. Trimless frame kit can be shipped separately.

**Clearance:** 7½" (190mm)

**Ceiling thickness:** ½" to 1¼" (3mm - 32mm)

**Total weight:** 3.8lbs (1.72kg)

#### Cut-out:

Round: Trim: Ø 5" (Ø 125mm)

Trimless: Ø 5½" (Ø 130mm)

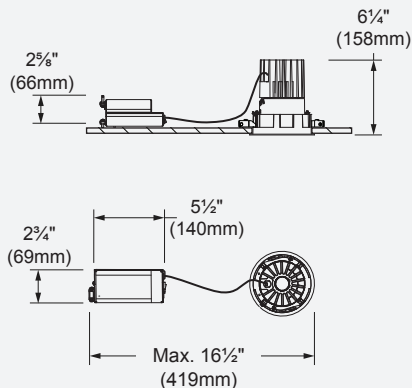
Square: Trim: 4⅞" x 4⅞" (122 x 122mm)

Trimless: 5" x 5" (125 x 125mm)

#### Trimless frame kit codes:

Round: TK-LOG5RL-RF

Square: TK-LOG5SL-RF



### New construction with plaster frame (NC)

Plaster frame with hanger bars system to be installed during rough-in phase. Suitable for non-insulated new construction ceiling assemblies, like sheetrock, acoustic tiles, or paneling. Plaster frame and trimless frame kit can be shipped separately.

**Clearance:** 7½" (190mm)

**Ceiling thickness:** ½" to 1¼" (3mm - 32mm)

**Total weight:** 5lbs (2.27kg)

#### Cut-out:

Round: Trim: Ø 5" (Ø 125mm)

Trimless: Ø 5½" (Ø 130mm)

Square: Trim: 4⅞" x 4⅞" (122 x 122mm)

Trimless: 5" x 5" (125 x 125mm)

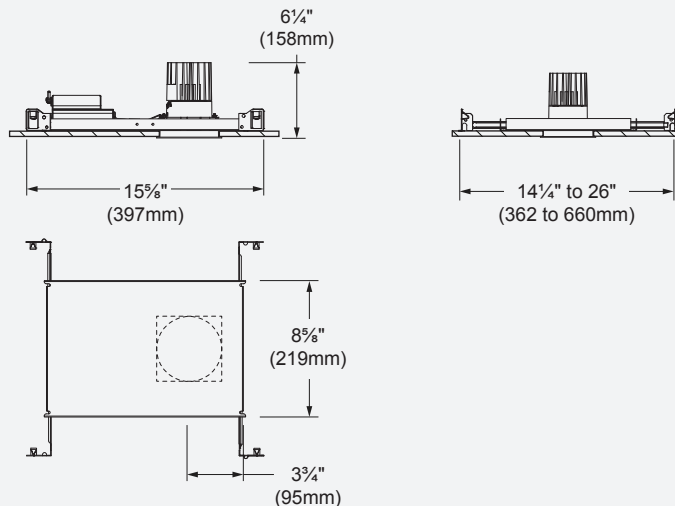
#### Plaster frame codes:

Round: Trim: BN-LOG5RT-NC

Trimless: BN-LOG5RL-NC

Square: Trim: BN-LOG5ST-NC

Trimless: BN-LOG5SL-NC



### New construction with housing suitable for insulated ceiling (IC) or chicao plenum (CP)

Housing with hanger bars system for new construction installations. Suitable for insulated ceiling or Chicago Plenum applications. Housing and trimless frame kit can be shipped separately.

**Clearance:** 8½" (216mm)

**Ceiling thickness:** ½" to 1¼" (3mm - 32mm)

**Total weight:** 13.75lbs (6.23kg)

#### Cut-out:

Round: Trim: Ø 5" (Ø 125mm)

Trimless: Ø 5½" (Ø 130mm)

Square: Trim: 4⅞" x 4⅞" (122 x 122mm)

Trimless: 5" x 5" (125 x 125mm)

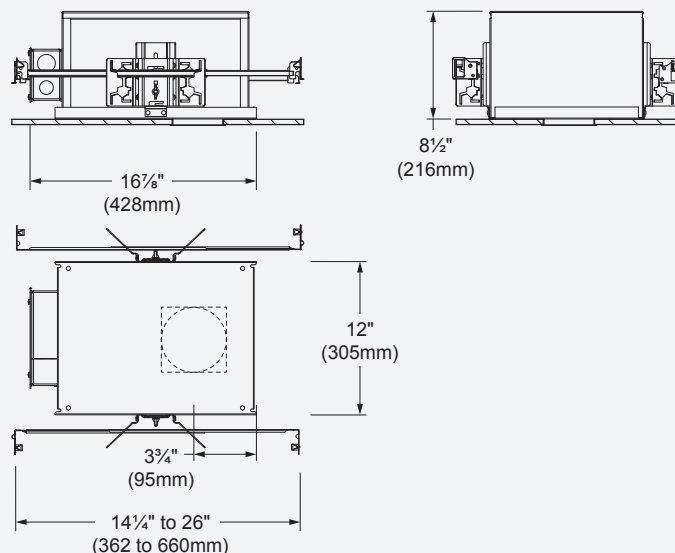
#### Housing codes:

Round: Trim: BI-LOG5RT-IC/CP-XXX

Trimless: BI-LOG5RL-IC/CP-XXX

Square: Trim: BI-LOG5ST-IC/CP-XXX

Trimless: BI-LOG5SL-IC/CP-XXX



**ACCESSORY**  
(TO BE ORDERED SEPARATELY)

☐ **9002-02** - Black hex cell louver



**ORDERING INFO**

\_\_\_\_\_  
FIXTURE

\_\_\_\_\_  
INSTALLATION



**SHAPE**

☐ **R** - Round ☐ **S** - Square

**MOUNTING**

☐ **T** - Trim ☐ **L** - Trimless

**INSTALLATION TYPE**

☐ **RF** - Remodeling (No housing) ☐ **NC** - new construction plaster frame ☐ **IC** - Insulated ceiling ☐ **CP** - Chicago plenum

**OUTPUT**

☐ **E** - High Efficiency (15.5W) ☐ **B** - Base Output (21.5W) ☐ **H** - High Output (29W)

**LED**

☐ **927** - 2700K, 90 CRI ☐ **830** - 3000K, 80 CRI ☐ **835** - 3500K, 80 CRI ☐ **840<sup>(1)</sup>** - 4000K, 80 CRI  
☐ **027<sup>(1)</sup>** - 2700K, 97 CRI ☐ **930** - 3000K, 90 CRI ☐ **935** - 3500K, 90 CRI  
☐ **030<sup>(1)</sup>** - 3000K, 97 CRI

**OPTIC**

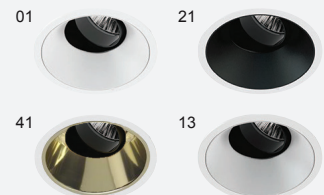
☐ **FSP** - Fixed, Spot ☐ **FFL** - Fixed, Flood ☐ **ASP** - Adjustable, Spot ☐ **AFL** - Adjustable, Flood ☐ **WW** - Wall Washer<sup>(2)</sup>

**VOLTAGE**

☐ **120** - 120V ☐ **277** - 277V

**FINISH**

| White Trim                                                               | Gray Trim                                                               | Black Trim                                                               | Trimless                                                           |
|--------------------------------------------------------------------------|-------------------------------------------------------------------------|--------------------------------------------------------------------------|--------------------------------------------------------------------|
| <input type="checkbox"/> <b>01</b> - White/White                         | <input type="checkbox"/> <b>20</b> - Gray/White                         | <input type="checkbox"/> <b>23</b> - Black/White                         | <input type="checkbox"/> <b>01</b> - White                         |
| <input type="checkbox"/> <b>21</b> - White/Black                         | <input type="checkbox"/> <b>22</b> - Gray/Black                         | <input type="checkbox"/> <b>02</b> - Black/Black                         | <input type="checkbox"/> <b>02</b> - Black                         |
| <input type="checkbox"/> <b>41</b> - White/Gold <sup>(3)</sup>           | <input type="checkbox"/> <b>40</b> - Gray/Gold <sup>(3)</sup>           | <input type="checkbox"/> <b>42</b> - Black/Gold <sup>(3)</sup>           | <input type="checkbox"/> <b>43</b> - Gold <sup>(3)</sup>           |
| <input type="checkbox"/> <b>13</b> - White/Matte anodized <sup>(2)</sup> | <input type="checkbox"/> <b>03</b> - Gray/Matte anodized <sup>(2)</sup> | <input type="checkbox"/> <b>33</b> - Black/Matte anodized <sup>(2)</sup> | <input type="checkbox"/> <b>51</b> - Matte anodized <sup>(2)</sup> |



**DIMMING**

☐ **D10** - 0-10V (down to 15%)<sup>(4)</sup> ☐ **D2A** - Lutron Hi-lume® A-Series 3 wire (down to 1%) ☐ **LTE** - Leading and Trailing edge dimming (120V only) (down to 15%)<sup>(4)</sup>  
☐ **D01** - 0-10V (down to 1%) ☐ **D2B** - Lutron Hi-lume® A-Series BUS supply (down to 1%)

<sup>(1)</sup> LED options may require a longer lead time than standard. Please contact factory for details.

<sup>(2)</sup> Wall washer version only available in matte anodized finish.

<sup>(3)</sup> Gold finish may require a longer lead time than standard. Please contact factory for details.

<sup>(4)</sup> 15% dimming options: For leading and trailing edge and 0-10V (LTE and D10), the dimming levels will vary depending the dimmer used and the number of luminaires on the line.