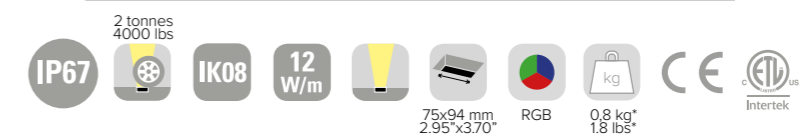


# INSERTO MEDIUM DO



## SPECIFICATIONS

|                       |   |
|-----------------------|---|
| base code             | 679   |
| typology              | In-ground linear luminaire with a drive over load of 2 tonnes / 4000 lbs  |
| mounting              | Using housing box to be separately ordered as accessory   |
| length                | Available in four lengths, from 270 to 1020 mm / from 10.63" to 40.16"  |
| height                | 70 mm / 2.76"   |
| width                 | 40 mm / 1.57"   |
| required depth        | 94 mm / 3.70"   |
| first fit requirement | Yes, separate housing box to be separately ordered (code from 69410 to 69413). Millimetric height adjustment from 0 to 50 mm / from 0" to 1.97"   |
| floor cut out         | 75x94 mm / 2.95"x3.70"  |
| construction          | Fixture in extruded PMMA. Tempered glass diffuser- 15 mm / 0.59" thickness. End caps in turning and milling PMMA complete with silicone gaskets. Housing box in stainless steel AISI 304                      |
| finishes              | Fixture powder coated. Glass surface  |
| ingress protection    | IP67. North America wet location. Built-in protection from water infiltration and moisture  |
| lamp type             | Linear LED array on printed circuit board. PCB L 250 mm / 9.84". PCB increment 250 mm / 9.84" - 1000 mm / 39.37" max. Custom dimensions on request. Remote power supply not included                          |
| LED pitch             | 5,6 mm / 0.22" (180 LEDs per meter)   |
| lamp wattage          | From 3W to 12W at 48V DC (RGB at 24V DC). North America 24V DC  |
| lamp lumens           | PCB L 250: 2500K CRI93 - 200lm, 2800K CRI93 - 200lm, 3400K CRI93 - 220lm  |
| delivered lumens      | PCB L 250: 60lm (2800K CRI93)   |
| lumen maintenance     | 50.000h L90   |
| beam                  | Diffused  |
| kelvin                | 2500K CRI93, 2800K CRI93, 3400K CRI93 and RGB / 3 step MacAdam ellipse  |
| special features      | Unpolarized electronic system (reverse polarity protection for RGB) - Safe wiring - Two wires dimming - Water stop technology. Diffuse and completely homogenous light distribution across the entire surface |
| dimming options       | Push button, potentiometer, remote control, 1-10V, DALI, DMX, KNX. Dimming options depend on power supply and additional control units to be separately ordered as accessories                                |
| listings              | CE, ETL listed for wet location   |



\* weight based on 250 mm / 9.84"

DIFFUSE AND COMPLETELY HOMOGENOUS LIGHT DISTRIBUTION ACROSS THE ENTIRE SURFACE





# INSERTO MEDIUM DO

## ORDER CODE

| BASE CODE  | A1 . LENGTH              | A . POWER SUPPLY  | B . KELVIN           | C . DIFFUSER           |
|------------|--------------------------|---|----------------------|------------------------|
| <b>679</b> | <b>15</b> 270 mm   3 W   | <b>8</b> 48V DC<br>EXCL. power supply<br><br><b>2</b> 24V DC<br>EXCL. power supply<br>RGB only<br><br><b>R</b> listed<br>24V DC<br>EXCL. power supply | <b>4</b> 3400K CRI93 | <b>9</b> frosted glass |
|            | <b>16</b> 520 mm   6 W   |   | <b>5</b> 2800K CRI93 |                        |
|            | <b>17</b> 770 mm   9 W   |   | <b>6</b> RGB         |                        |
|            | <b>18</b> 1020 mm   12 W |   | <b>8</b> 2500K CRI93 |                        |

Example: BASE CODE **679** A1 **15** A **8** B **4** C **9** D **G** E **A** = **67915-849GA**

### D . FINISHES

**G** glass

**A** stand alone

### E . MOUNTING

**C** system:  
starting inserto

**B** system:  
middle inserto

**D** system:  
final inserto

### E . MOUNTING - STAND ALONE



### E . MOUNTING - SYSTEM

max 12 luminaires



### SPECIAL FEATURE: SYSTEM MOUNTING



Easy connection between housing boxes and height adjustability



Seamless integration with completely homogenous light distribution





# INSERTO MEDIUM DO

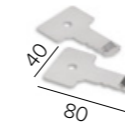
## ACCESSORIES

### REQUIRED ACCESSORIES - NOT INCLUDED

69410/ 69413



69591



Power supply  
48V DC  
ON/OFF\*

RGB requires  
24V DC:

Please see  
INSERTO MINI CL  
(pag. 277)  
for power supply list

Power supply  
48V DC  
1-10V<sup>1</sup> or ON/OFF\*  
for ambient temperature  
up to 60° C

Power supply  
48V DC  
DALI<sup>2</sup>

Power supply  
48V DC  
1-10V and DALI

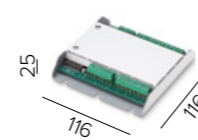
Power supply  
48V DC  
0-10V

Class 2 power supply  
24V DC

69846



69144/69145



Control unit  
24V DC - 48V DC  
RGB interface<sup>2</sup>

Control unit  
24V DC - 48V DC  
DMX RGB interface<sup>2</sup>



| code  | description                   | dimensions mm |
|-------|-------------------------------|---------------|
| 69410 | height adjustable housing box | L273xW75xD94  |
| 69411 | height adjustable housing box | L523xW75xD94  |
| 69412 | height adjustable housing box | L773xW75xD94  |
| 69413 | height adjustable housing box | L1023xW75xD94 |

| code  | description                                   | dimensions mm |
|-------|---|---------------|
| 69591 | No.2 keys for the extraction of the luminaire | W80xD40       |

| code  | output power | input voltage / frequency | IP      | dimensions mm     |
|-------|--------------|---------------------------|---------|-------------------|
| 69180 | 30W          | 90-264V                   | 47-63Hz | IP20 L160xW46xH30 |
| 69181 | 40W          | 90-305V                   | 47-63Hz | IP67 L163xW43xH32 |
| 69182 | 60W          | 90-305V                   | 47-63Hz | IP67 L163xW43xH32 |
| 69187 | 100W         | 90-305V                   | 47-63Hz | IP67 L220xW68xH39 |
| 69185 | 40W          | 90-305V                   | 47-63Hz | IP67 L171xW62xH37 |
| 69186 | 60W          | 90-305V                   | 47-63Hz | IP67 L171xW62xH37 |
| 69187 | 100W         | 90-305V                   | 47-63Hz | IP67 L220xW68xH39 |

|       |      |          |         |                   |
|-------|------|----------|---------|-------------------|
| 69195 | 75W  | 100-305V | 47-63Hz | IP67 L180xW63xH36 |
| 69196 | 100W | 100-305V | 47-63Hz | IP67 L199xW63xH36 |

<sup>1</sup>for a perfect dimming, it is necessary that the power supply is saturated to 100%

|       |     |         |         |                   |
|-------|-----|---------|---------|-------------------|
| 69096 | 55W | 99-264V | 50-60Hz | IP20 L129xW76xH30 |
|-------|-----|---------|---------|-------------------|

|       |      |         |         |                   |
|-------|------|---------|---------|-------------------|
| 69097 | 120W | 90-305V | 47-63Hz | IP67 L191xW63xH38 |
|-------|------|---------|---------|-------------------|

Consult **B LIGHT North America**  
Lighting Group Network  
T: 212.775.6363  
E: info@lightinggroupnetwork.com

| code  | description                           | dimensions mm |
|-------|---------------------------------------|---------------|
| 69846 | IP68 connector, 1 IN - 1 OUT, 4 wires | W23xD23xH13   |

| code  | page | description   | in/out voltage  | IP   | dimensions mm |
|-------|------|---|-----------------|------|---------------|
| 69144 | 582  | <b>SMART RGB MASTER 2</b><br>RGB interface master<br>(max load 240W at 24V DC<br>or 320W at 48V DC and No. 32<br>SMART RGB SLAVE 2) | 24V DC - 48V DC | IP20 | W116xD116xH25 |
| 69145 | 582  | <b>SMART RGB SLAVE 2</b><br>DMX interface or<br>RGB interface slave<br>(max load 240W at 24V DC<br>or 320W at 48V DC)               | 24V DC - 48V DC | IP20 | W116xD116xH25 |

<sup>2</sup>Inserto Medium DO RGB works only with B LIGHT's RGB interface.  
It is not possible to order the luminaire separately from the RGB interface