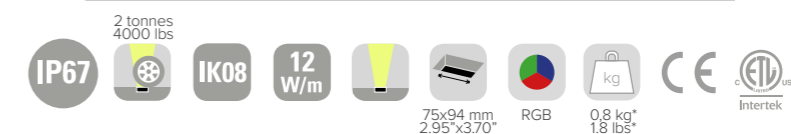


# INSERTO MEDIUM DO

## 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. 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: 37lm (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. 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
standards	CE, UL 1598, CSA C22.2



\* 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 EXCL. power supply  <b>2</b> 24V DC EXCL. power supply RGB only  <b>R</b> listed 24V DC 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

### E . MOUNTING

- A** stand alone
- C** system: starting inserto
- B** system: middle inserto
- D** system: final inserto

### E . MOUNTING - STAND ALONE



### E . MOUNTING - SYSTEM

max 12 luminaires



**SYSTEM MOUNTING**  
Easy connection between housing boxes and height adjustability



**SYSTEM**  
Diffuse and completely homogenous light distribution



# INSERTO MEDIUM DO

## REQUIRED ACCESSORIES - NOT INCLUDED

69410/ 69413



69591



Power supply  
48V DC  
ON/OFF\*

RGB requires  
24V DC:

Please see  
INSERTO  
MINI CL  
(pag. 253)  
for drivers 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

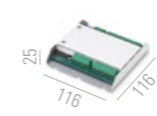
Power supply  
48V DC  
0-10V

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>

## OPTIONAL ACCESSORIES

69116/69117



Control unit  
24V DC - 48V DC  
Dimmer interface  
0-10V interface

Control unit  
24V DC - 48V DC  
DMX interface

## ACCESSORIES

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
69188	150W	90-305V	47-63Hz IP67	L228xW68xH39
69185	40W	90-305V	47-63Hz IP67	L171xW62xH37
69186	60W	90-305V	47-63Hz IP67	L171xW62xH37
69187	100W	90-305V	47-63Hz IP67	L220xW68xH39
69188	150W	90-305V	47-63Hz IP67	L228xW68xH39
69195	75W	100-305V	47-63Hz IP67	L180xW63xH36
69196	100W	100-305V	47-63Hz IP67	L199xW63xH36
69197	150W	100-305V	47-63Hz IP67	L219xW63xH36

<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 **US distributor** Lites on West  
T: 212.775.6363  
E: info@litesonwest.com

code	description	dimensions mm
69846	IP68 connector, 1 IN - 1 OUT, 4 wires	W23xD23xH113

code	page	description	in/out voltage	IP	dimensions mm
69144	562	SMART RGB MASTER 2 RGB interface master (max load 240W at 24V DC or 320W at 48V DC and No. 32 SMART RGB SLAVE 2)	24V DC - 48V DC	IP20	W116xD116xH25
69145	562	SMART RGB SLAVE 2 DMX interface or RGB interface slave (max load 240W at 24V DC 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

code	page	description	in/out voltage	IP	dimensions mm
69116	552	SMART DIMM MASTER 4 Dimmer interface master or 0-10V interface (four channels max load 240W at 24V DC or 320W at 48V DC and No. 32 SMART DIMM SLAVE 4)	24V DC - 48V DC	IP20	W116xD116xH25
69117	552	SMART DIMM SLAVE 4 DMX interface or dimmer interface slave (four channels max load 240W at 24V DC or 320W at 48V DC)	24V DC - 48V DC	IP20	W116xD116xH25

\*To choose the power supply, always add a spare 20% as safety margin.

See pag 567 for cable size and max wiring distance from power supply to last connected luminaire