



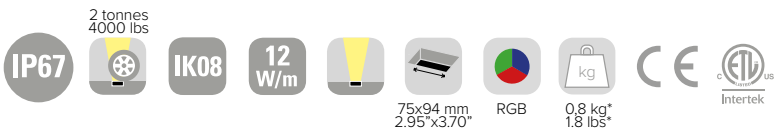
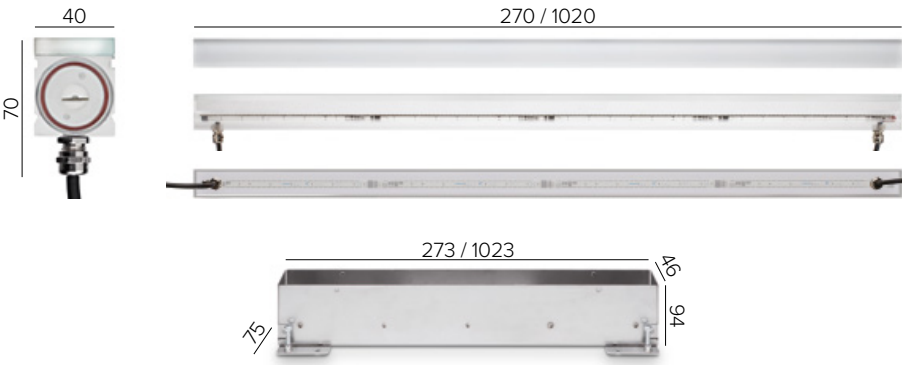
DIFFUSE AND COMPLETELY HOMOGENOUS LIGHT DISTRIBUTION ACROSS THE ENTIRE SURFACE



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"



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ORDER CODE

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



RGB requires
24V DC:

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

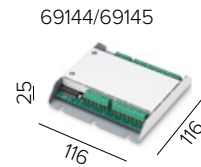
Power supply
48V DC
ON/OFF*

Power supply
48V DC
1-10V²⁾ or ON/OFF*
for ambient temperature
up to 60° C

Power supply
48V DC
DALI⁽¹⁾

Power supply
48V DC
1-10V and DALI

Class 2 power supply
24V DC



Control unit
24V DC - 48V DC
RGB interface⁽²⁾

Control unit
24V DC - 48V DC
DMX RGB interface⁽²⁾

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
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

*for a perfect dimming, it is necessary that the power supply is saturated to 100%

69096	55W	99-264V 50-60Hz	IP20	L129xW76xH30
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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	W23xD23xH113

code	page	description	in/out voltage	IP	dimensions mm
69144	582	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	582	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

²⁾ 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

*To choose the power supply, always add a spare 20% as safety margin.
See pag 587 for cable size and max wiring distance from power supply to last connected luminaire