

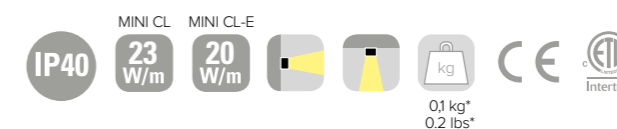
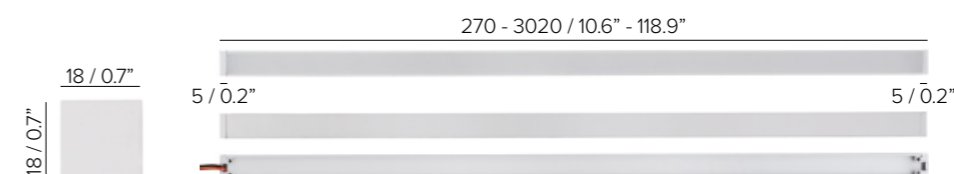


DIFFUSE AND COMPLETELY HOMOGENOUS LIGHT DISTRIBUTION

# INSERTO MINI CL INSERTO MINI CL-E

## SPECIFICATIONS

base code	639 INSERTO MINI CL-E 645 INSERTO MINI CL
typology	Compact, linear surface luminaire with symmetrical light distribution
mounting	On surface using concealed clips (included) or concealed magnets (code 69832 to be separately ordered as accessories)
length	Available in twelve lengths, from 270 to 3020 mm / from 10.6" to 118.9"
height	18 mm / 0.7"
width	18 mm / 0.7"
construction	Extruded aluminum fixture. End caps in turning and milling aluminum. Diffuser in satin white polycarbonate
finishes	Powder coated
ingress protection	IP40. North America dry location
lamp type	Linear LED array on printed circuit board. PCB L 250 mm / 9.8". PCB increment 250 mm / 9.8" - 3000 mm / 118.1" max. Custom dimensions on request. Remote power supply not included
LED pitch	MINI CL-E: 8,3 mm / 0.3" (120 LEDs per meter) MINI CL: 4,5 mm / 0.2" (224 LEDs per meter)
lamp wattage	MINI CL-E: from 5W to 60W at 24V DC MINI CL: from 6W to 69W at 48V DC. North America 24V DC
lamp lumens	MINI CL-E: PCB L 250: 240lm MINI CL: PCB L 250: 400lm
delivered lumens	MINI CL-E: PCB L 250: 155lm (3000K CRI90) MINI CL: PCB L 250: 285lm (3000K CRI93)
lumen maintenance	MINI CL-E: 30.000h L70 MINI CL: 50.000h L90
beam	Diffused
kelvin	MINI CL-E: 2700K CRI90, 3000K CRI90 and 4000K CRI90 MINI CL: 2700K CRI93, 3000K CRI93 and 4000K CRI93 / 3 step MacAdam ellipse
special features	Reverse polarity protection - Two wires dimming. Diffuse and completely homogenous light distribution across the entire surface
dimming options	Push button, potentiometer, remote control, 1-10V, DALI, DMX. Dimming options depend on power supply and additional control units to be separately ordered as accessories
listings	CE, ETL listed for dry location



\* weight based on 250 mm / 9.8"

# INSERTO MINI CL INSERTO MINI CL-E

## ORDER CODE

BASE CODE	A1 . LENGTH				A . POWER SUPPLY				B . KELVIN							
			MINI CL-E	MINI CL												
639 INSERTO MINI CL-E	01	270 mm	5 W	6 W	2	24V DC power supply NOT included <i>MINI CL-E ONLY</i>	4	4000K CRI93	5	3000K CRI93	8	2700K CRI93	R	UL listed 24V DC power supply NOT included <i>MINI CL ONLY</i>		
	02	520 mm	10 W	12 W												
	03	770 mm	15 W	17 W												
645 INSERTO MINI CL	04	1020 mm	20 W	23 W	8	48V DC power supply NOT included	R	UL listed 24V DC power supply NOT included <i>MINI CL ONLY</i>	06	1520 mm	30 W	35 W	07	1770 mm	35 W	40 W
	05	1270 mm	25 W	29 W												
	06	1520 mm	30 W	35 W												
	07	1770 mm	35 W	40 W												
	08	2020 mm	40 W	46 W												
	09	2270 mm	45 W	52 W												
	10	2520 mm	50 W	58 W												
	11	2770 mm	55 W	63 W												
	12	3020 mm	60 W	69 W												

Example: BASE CODE **639** A1 **01** A **2** B **5** C **A** D **6** = **63901-25A6**

## C . DIFFUSER

A satin flush diffuser



## D . FINISHES

6 white RAL 9003



A grey RAL 9006



# INSERTO MINI CL INSERTO MINI CL-E

## ACCESSORIES

### REQUIRED ACCESSORIES - NOT INCLUDED

	code	output power	input voltage / frequency	IP	dimensions mm
Power supply 24V DC, ON/OFF*	69054	60W	90-305V	50-60Hz IP67	L160xW40xH32
	69052	100W	90-264V	50-60Hz IP20	L200xW69xH35
	69051	240W	90-305V	50-60Hz IP65	L244xW68xH39
Power supply 24V DC, 1-10V <sup>(1)</sup>	69062	60W	90-305V	50-60Hz IP67	L171xW62xH37
	69063	100W	90-305V	50-60Hz IP67	L220xW68xH39
	69064	150W	90-305V	50-60Hz IP67	L228xW68xH39
Power supply 24V DC, DALI <sup>(1)</sup>	69201	75W	100-305V	47-63Hz IP67	L180xW63xH36
	69202	100W	100-305V	47-63Hz IP67	L199xW63xH36
	69203	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%					
Power supply 48V DC, ON/OFF*	69180	30W	90-264V	47-63Hz IP20	L160xW46xH30
	69181	40W	90-305V	47-63Hz IP67	L163xW43xH32
	69182	60W	90-305V	47-63Hz IP67	L163xW43xH32
	69183	100W	90-264V	47-63Hz IP20	L201xW70xH35
	69188	150W	90-305V	47-63Hz IP67	L228xW68xH39
	69189	240W	90-305V	47-63Hz IP67	L244xW68xH39
Power supply 48V DC, 1-10V <sup>(1)</sup>	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
	69189	240W	90-305V	47-63Hz IP67	L244xW68xH39
	69195	75W	100-305V	47-63Hz IP67	L180xW63xH36
Power supply 48V DC, DALI <sup>(1)</sup>	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%				
Power supply 48V DC, 1-10V and DALI	69096	55W	99-264V	50-60Hz IP20	L129xW76xH30
	69097	120W	90-305V	47-63Hz IP67	L191xW63xH38
Power supply 48V DC, 0-10V					
Class 2 power supply 24V DC					
	Consult <b>B LIGHT North America</b> Lighting Group Network T: 212.775.6363 E: info@lightinggroupnetwork.com				

### OPTIONAL ACCESSORIES



code	description	dimensions mm
69832	two magnets (two pieces per meter are Recommended)	L30xW16xH4



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## MOUNTING

### MOUNTING WITH CLIPS (INCLUDED)



FIX CLIPS

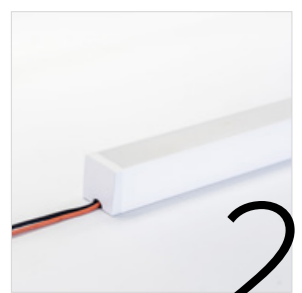


PRESS IN PLACE

### WIRING OPTIONS

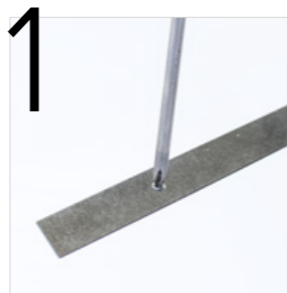


CONCEALED WIRING

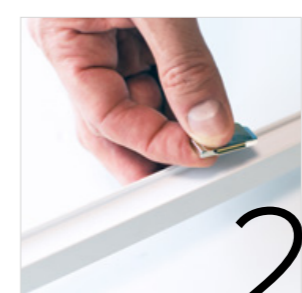


SURFACE WIRING

### MOUNTING WITH MAGNETS (TO BE SEPARATELY ORDERED AS ACCESSORY)



FIX IRON MOUNTING STRIP  
ACCESSORY NOT INCLUDED



FIX MAGNETS INTO  
PROFILE



PRESS IN PLACE