

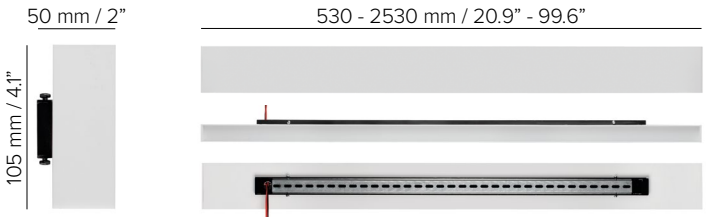


SATIN RECESSED DIFFUSER

INSERTO MEDIUM 105 W

SPECIFICATIONS

base code	643
typology	Linear wall luminaire with light emission on two sides (direct light and indirect light)
mounting	To wall using mounting plate
length	Available in nine lengths, from 530 to 2530 mm / from 20.9" to 99.6"
height	105 mm / 4.1"
depth	50 mm / 2"
construction	Extruded aluminum fixture. End caps in turning and milling aluminum. Diffuser in satin white polycarbonate
finishes	Anodized or powder coated when painted
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" - 2500 mm / 98.4" max. Custom dimensions on request. Remote power supply not included
LED pitch	4,1 mm / 0.2" (960 LEDs per meter)
lamp wattage	From 40W to 200W at 48V DC. North America 24V DC
lamp lumens	PCB L 250: 2700K CRI93 - 830lm, 3000K CRI93 - 830lm, 4000K CRI93 - 915lm
delivered lumens	PCB L 250: 470lm (3000K CRI93)
lumen maintenance	50.000h L90
beam	Diffused
kelvin	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, 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 dry location



IP40

80 W/m

1,1 kg*
2.4 lbs*

* weight based on 250 mm / 9.8"




INSERTO MEDIUM 105 W

ORDER CODE

BASE CODE		A1 . LENGTH		A . POWER SUPPLY		B . KELVIN		
643	71	530 mm	40 W	8	48V DC power supply NOT included	4	4000K CRI93	
	72	780 mm	60 W		R	 listed 24V DC power supply NOT included	5	3000K CRI93
	73	1030 mm	80 W				8	2700K CRI93
	74	1280 mm	100 W					
	75	1530 mm	120 W					
	76	1780 mm	140 W					
	77	2030 mm	160 W					
	78	2280 mm	180 W					
	79	2530 mm	200 W					
Example:		BASE CODE	A1	A			B	C
		643	71	8	5	A	6	= 64371-85A6
C . DIFFUSER				D . FINISHES				
A	satin diffuser			1	grey anodized			
				6	white RAL 9003			

ACCESSORIES

REQUIRED ACCESSORIES - NOT INCLUDED

	code	output power	input voltage / frequency		IP	dimensions mm
Power supply 48V DC, ON/OFF*	69182	60W	90-305V	47-63Hz	IP54	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
	69186	60W	90-305V	47-63Hz	IP67	L171xW62xH37
Power supply 48V DC, 1-10V ⁽¹⁾	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 ⁽¹⁾	69196	100W	100-305V	47-63Hz	IP67	L199xW63xH36
	69197	150W	100-305V	47-63Hz	IP67	L219xW63xH36
	69097	120W	90-305V	47-63Hz	IP67	L191xW63xH38
Class 2 power supply 24V DC  listed	Consult B LIGHT North America Lighting Group Network T: 212.775.6363 E: info@lightinggroupnetwork.com					

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

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

See page 509 for cable size and max wiring distance from power supply to last connected luminaire