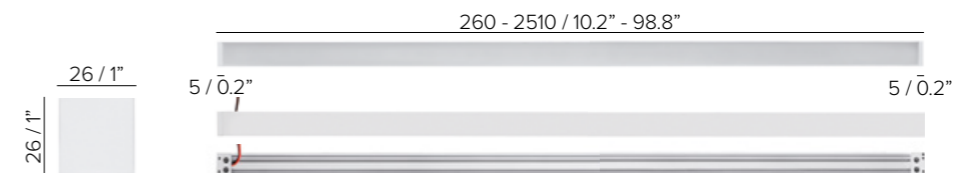


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SPECIFICATIONS

base code	646
typology	Compact, linear surface luminaire with symmetrical light distribution
mounting	On surface using concealed clips (included)
length	Available in ten lengths, from 260 to 2510 mm / from 10.2" to 98.8"
height	26 mm / 1"
width	26 mm / 1"
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" - 2500 mm / 98.4" max. Custom dimensions on request. Remote power supply not included
LED pitch	4,1 mm / 0.2" (480 LEDs per meter)
lamp wattage	From 10W to 100W 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: 590lm (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



DIFFUSE AND COMPLETELY HOMOGENOUS LIGHT DISTRIBUTION



* weight based on 250 mm / 9.8"

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ORDER CODE

BASE CODE	A1. LENGTH	A. POWER SUPPLY	B. KELVIN
646	01 260 mm 10 W	8 48V DC power supply NOT included R listed 24V DC power supply NOT included	4 4000K CRI93 5 3000K CRI93 8 2700K CRI93
	02 510 mm 20 W		
	03 760 mm 30 W		
	04 1010 mm 40 W		
	05 1260 mm 50 W		
	06 1510 mm 60 W		
	07 1760 mm 70 W		
	08 2010 mm 80 W		
	09 2260 mm 90 W		
	10 2510 mm 100 W		

Example: BASE CODE **646** A1 **01** A **8** B **5** C **A** D **6** = **64601-85A6**

C. DIFFUSER	D. FINISHES
A satin flush diffuser	6 white RAL 9003
	A grey RAL 9006

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ACCESSORIES

REQUIRED ACCESSORIES - NOT INCLUDED

code	output power	input voltage / frequency	IP	dimensions mm
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[†]				
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
Power supply 48V DC, DALI[†]				
69195	75W	100-305V	47-63Hz IP67	L180xW63xH36
69196	100W	100-305V	47-63Hz IP67	L199xW63xH36
69197	150W	100-305V	47-63Hz IP67	L219xW63xH36
[†] 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
Power supply 48V DC, 0-10V				
69097	120W	90-305V	47-63Hz IP67	L191xW63xH38
Class 2 power supply 24V DC				
Consult B LIGHT North America Lighting Group Network T: 212.775.6363 E: info@lightinggroupnetwork.com				

MOUNTING



1
FIX CLIPS

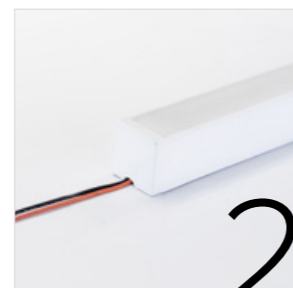


2
PRESS IN PLACE

WIRING OPTIONS



1
CONCEALED WIRING



2
SURFACE WIRING

*To choose the power supply, always add a spare 20% as safety margin.
See pag 495 for cable size and max wiring distance from power supply to last connected luminaire