

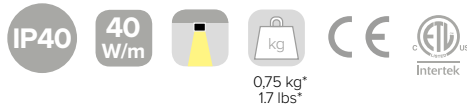


SATIN RECESSED DIFFUSER

INSERTO MEDIUM 65 CL

SPECIFICATIONS

base code	646
typology	Linear surface luminaire with symmetrical light distribution
mounting	On surface with suitable screws (included)
length	Available in nine lengths, from 530 to 2530 mm / from 20.9" to 99.6"
height	65 mm / 2.6"
width	40 mm / 1.6"
construction	Extruded aluminum fixture. End caps in turning and milling aluminum. Diffuser in 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" (480 LEDs per meter)
lamp wattage	From 6W 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: 470lm (3000K CRI93, satin) - 655lm (3000K CRI93, microprismatic)
lumen maintenance	50.000h L90
beam	Diffused or microprismatic
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, 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 dry location



* weight based on 250 mm / 9.8"

INSERTO MEDIUM 65 CL

ORDER CODE

BASE CODE	A1 . LENGTH	A . POWER SUPPLY	B . KELVIN
646	52 530 mm 20 W	8 48V DC power supply NOT included R  listed 24V DC power supply NOT included	4 4000K CRI93
	53 780 mm 30 W		5 3000K CRI93
	54 1030 mm 40 W		8 2700K CRI93
	55 1280 mm 50 W		
	56 1530 mm 60 W		
	57 1780 mm 70 W		
	58 2030 mm 80 W		
	59 2280 mm 90 W		
	60 2530 mm 100 W		
Example: BASE CODE A1 A B C D = 64652-25A6			
C . DIFFUSER		D . FINISHES	
A satin flush diffuser 	1 grey anodized 		
B microprismatic flush diffuser 	6 white RAL 9003 		
C satin recessed diffuser 	D black anodized 		
D microprismatic recessed diffuser 			

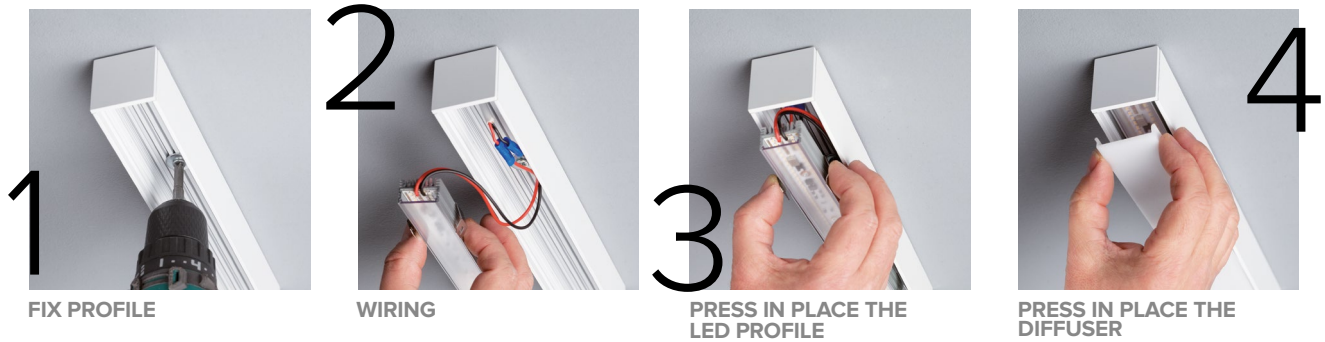
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ACCESSORIES

REQUIRED ACCESSORIES - NOT INCLUDED					
Power supply 48V DC, ON/OFF*	code	output power	input voltage / frequency		IP dimensions mm
	69181	40W	90-305V	47-63Hz	IP54 L163xW43xH32
	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
	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
Power supply 48V DC, 1-10V ¹	69189	240W	90-305V	47-63Hz	IP67 L244xW68xH39
	69195	75W	100-305V	47-63Hz	IP67 L180xW63xH36
	69196	100W	100-305V	47-63Hz	IP67 L199xW63xH36
	69197	150W	100-305V	47-63Hz	IP67 L219xW63xH36
¹ 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 LIGHT North America**
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MOUNTING: TWO PROFILES IN ONE FIXTURE FOR EASY FUTURE RE-LAMPING



*To choose the power supply, always add a spare 20% as safety margin.
See pag 509 for cable size and max wiring distance from power supply to last connected luminaire