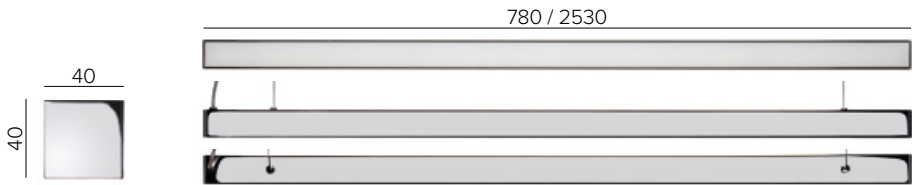




INSERTO MEDIUM 40 SD

SPECIFICATIONS

base code	648
typology	Compact, linear pendant luminaire
mounting	To ceiling with 2000 mm / 78.74" steel wire ropes (included)
length	Available in eight lengths, from 780 to 2530 mm / from 30.71" to 99.61"
height	40 mm / 1.57"
width	40 mm / 1.57"
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 / 9.84". PCB increment 250 mm / 9.84" - 2500 mm / 98.43" max. Custom dimensions on request. Remote power supply not included
LED pitch	4,1 mm / 0.16" (480 LEDs per meter)
lamp wattage	From 30W 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: 585lm (3000K CRI93, satin) - 740lm (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	Unpolarized electronic system - 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



* weight based on 250 mm / 9.84"

INSERTO MEDIUM 40 SD

ORDER CODE

BASE CODE	A1 . LENGTH		A . POWER SUPPLY		B . KELVIN
648	27	780 mm	30 W	8 48V DC EXCL. power supply R  listed 24V DC EXCL. power supply	4 4000K CRI93
	28	1030 mm	40 W		5 3000K CRI93
	29	1280 mm	50 W		8 2700K CRI93
	30	1530 mm	60 W		
	31	1780 mm	70 W		
	32	2030 mm	80 W		
	33	2280 mm	90 W		
	34	2530 mm	100 W		
Example: BASE CODE 648 A1 27 A 8 B 5 C A D 6 = 64827-85A6					
C . DIFFUSER			D . FINISHES		
A	satin flush diffuser		1 grey anodized		
B	microprismatic flush diffuser		2 black RAL 9005		
			6 white RAL 9003		

INSERTO MEDIUM 40 SD

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	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 ¹⁾	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 ¹⁾	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
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				



*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