



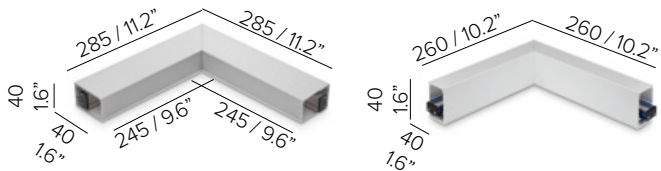
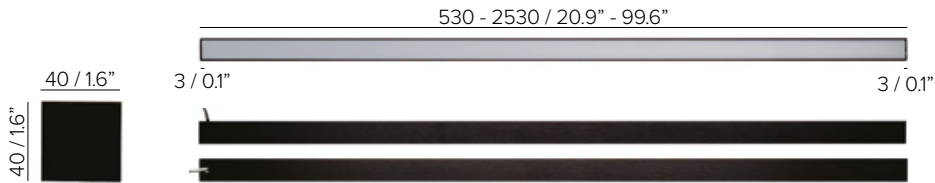
DIFFUSE AND COMPLETELY HOMOGENOUS LIGHT DISTRIBUTION

INSERTO MEDIUM 40 CL

INSERTO MEDIUM 40 CL SYSTEM

SPECIFICATIONS

base code	645
typology	Compact, linear surface luminaire with symmetrical light distribution
mounting	On surface with suitable screws (included)
length	Available in nine lengths, see next page for complete data
height	40 mm / 1.6"
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 20W to 100W at 48V DC. North America 24V DC
lamp lumens	PCB L 250: 830lm
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. Dimming options depend on power supply and additional control units to be separately ordered as accessories
listings	CE, ETL listed for dry location



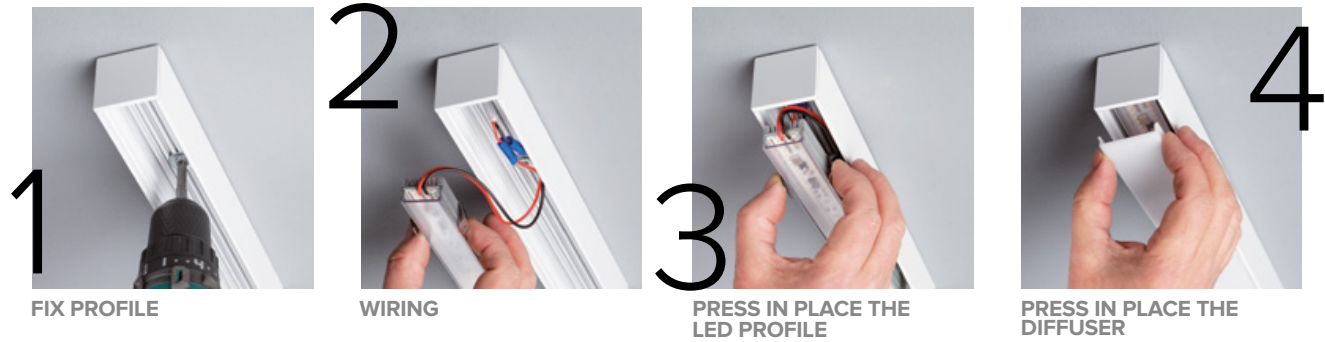
* weight based on 250 mm / 9.8"

INSERTO MEDIUM 40 CL

ORDER CODE

BASE CODE	A1 . LENGTH		A . POWER SUPPLY		B . KELVIN							
645	26	530 mm	20 W	8 48V DC power supply NOT included R  listed 24V DC power supply NOT included	4	4000K CRI93						
	27	780 mm	30 W		5	3000K CRI93						
	28	1030 mm	40 W		8	2700K CRI93						
	29	1280 mm	50 W									
	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			A1	A	B	C	D					
			26	8	5	A	6	= 64526-85A6				
C . PRODUCT OPTICS				D . FINISHES								
A	satin flush diffuser				1	grey anodized			2	black RAL 9005		
B	microprismatic flush diffuser				6	white RAL 9003						

MOUNTING: TWO PROFILES IN ONE FIXTURE FOR EASY FUTURE RE-LAMPING



INSERTO MEDIUM 40 CL SYSTEM

ORDER CODE

BASE CODE	A1 . LENGTH	A . POWER SUPPLY	B . KELVIN
645	starting inserto¹		
	38 527 mm	20 W	4 4000K CRI93
	39 777 mm	30 W	5 3000K CRI93
	40 1027 mm	40 W	8 2700K CRI93
	41 1277 mm	50 W	
	42 1527 mm	60 W	
	43 1777 mm	70 W	
	44 2027 mm	80 W	
	45 2277 mm	90 W	
	46 2527 mm	100 W	
	middle inserto²		
	50 505 mm	20 W	
	51 755 mm	30 W	
	52 1005 mm	40 W	
	53 1255 mm	50 W	
	54 1505 mm	60 W	
	55 1755 mm	70 W	
	56 2005 mm	80 W	
	57 2255 mm	90 W	
	58 2505 mm	100 W	
	inner corner module²		
	63 285x285 mm	20 W	
	90° corner module²		
	64 260x260 mm	20 W	
	¹ one end cap only ² no end caps		
BASE CODE A1 A B C D 645 38 8 5 A 6 = 64538-85A6			
C . DIFFUSER	D . FINISHES		
A satin flush diffuser	1 grey anodized		
B microprismatic flush diffuser	6 white RAL 9003		
	2 black RAL 9005		

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ACCESSORIES

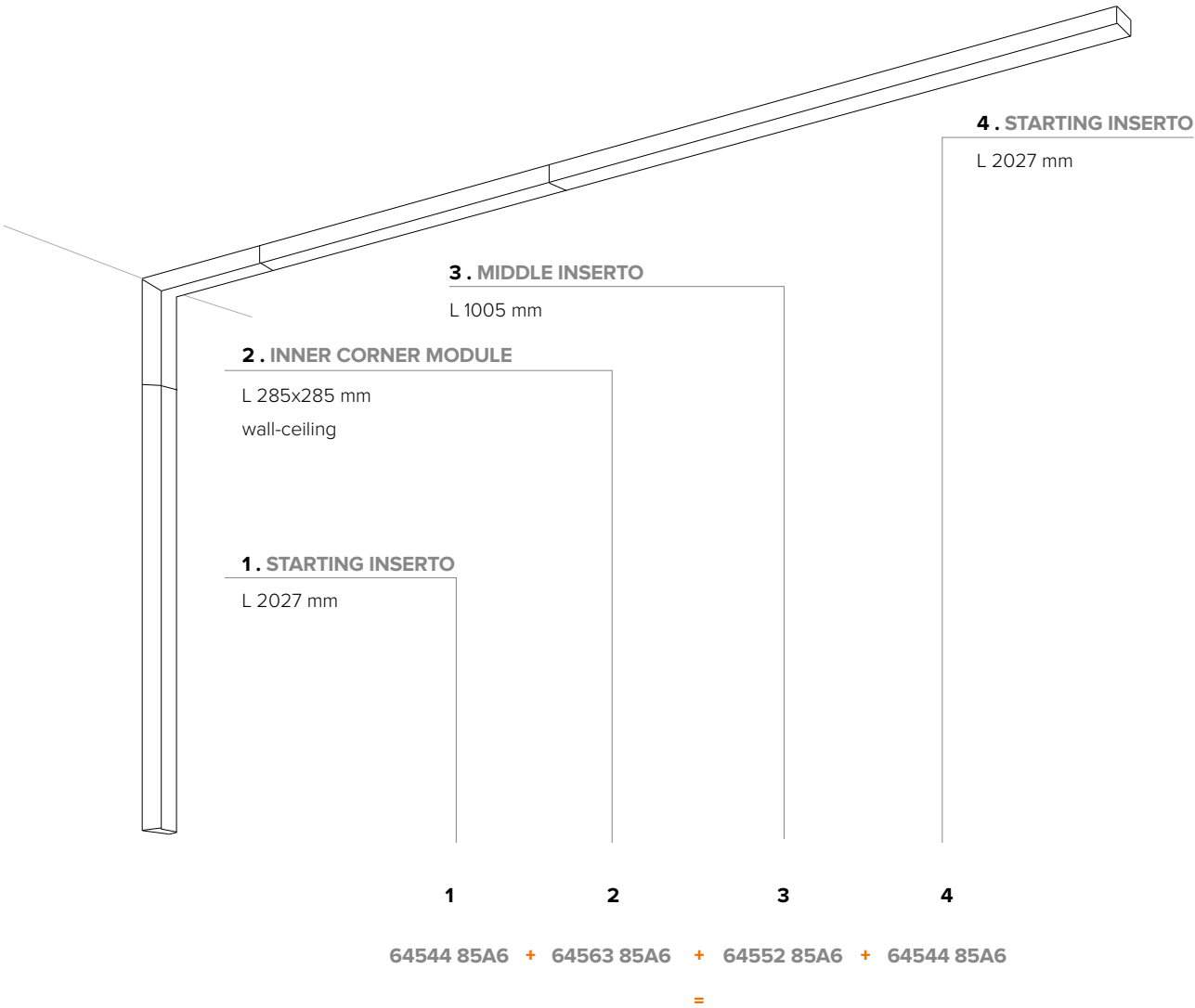
REQUIRED ACCESSORIES - NOT INCLUDED

	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 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
Power supply 24V DC listed	Consult B LIGHT North America Lighting Group Network T: 212.775.6363 E: info@lightinggroupnetwork.com					

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INSERTO MEDIUM 40 CL SYSTEM - WALL / CEILING MOUNTING

WALL = L 2312 mm / CEILING = L 3317 mm



WALL: L 2312 mm = 2027 mm + 285 mm
CEILING: L 3317 mm = 285 mm + 1005 mm + 2027 mm

