

INSERTO MEDIUM 65 T

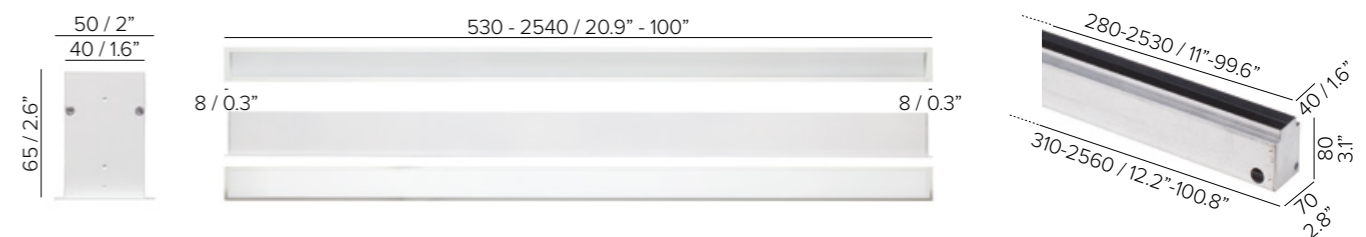
INSERTO MEDIUM 65 T SYSTEM

SPECIFICATIONS

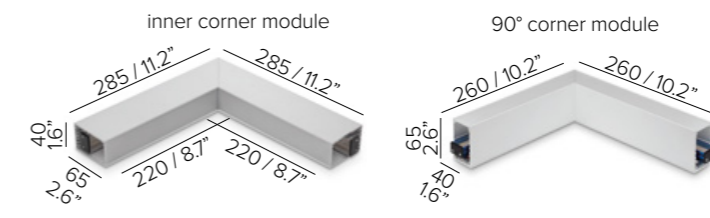
base code	658
typology	Trimmed, linear recessed luminaire with symmetrical light distribution
mounting	In plasterboard using brackets (included) or in concrete using housing box (code from 69451 to 69460) to be separately ordered as accessory
length	See next page for complete data
depth	65 mm / 2.6"
width	50 mm / 2"
required depth	80 mm / 3.1"
first fit requirement	Yes, housing box to be separately ordered if mounting in concrete
ceiling cut out	Plasterboard: 44 mm / 1.73" - Concrete: 70x80 mm / 2.76"x3.15"
ceiling thickness	From 13 to 25 mm MAX / from 0.5" to 1" MAX for plaster ceiling
construction	Extruded aluminum fixture. End caps in turning and milling aluminum. Diffuser in polycarbonate. Housing box in zinc-plated iron
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 3W to 100W at 48V DC. North America 24V DC
lamp lumens	PCB L 250: 825lm
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. Trimless profile that has a knife edge to the finished surface. 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



SATIN RECESSED DIFFUSER




HOUSING BOX NOT AVAILABLE FOR SYSTEM INSTALLATION









* weight based on 530 mm / 20.9"

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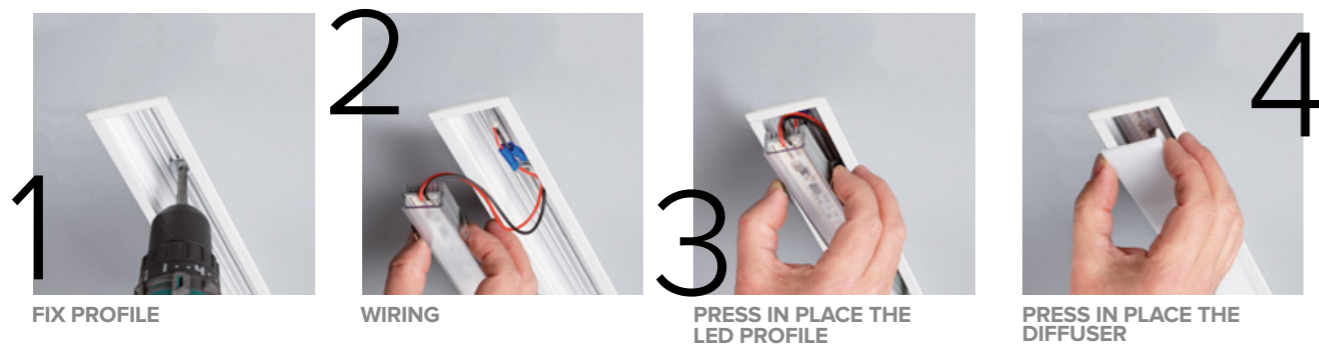
ORDER CODE

BASE CODE	A1 . LENGTH	A . POWER SUPPLY	B . KELVIN
658	52 540 mm 20 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
	53 790 mm 30 W		
	54 1040 mm 40 W		
	55 1290 mm 50 W		
	56 1540 mm 60 W		
	57 1790 mm 70 W		
	58 2040 mm 80 W		
	59 2290 mm 90 W		
	60 2540 mm 100 W		

Example: BASE CODE **658** A1 **52** A **8** B **5** C **A** D **6** = **64652-85A6**


C . DIFFUSER		D . FINISHES	
A satin flush diffuser 	C satin recessed diffuser 	1 grey anodized 	
B microprismatic flush diffuser 	D microprismatic recessed diffuser 	6 white RAL 9003 	

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









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ORDER CODE

BASE CODE	A1 . LENGTH	A . POWER SUPPLY	B . KELVIN		
658	starting inserto¹		8 48V DC power supply NOT included R  listed 24V DC power supply NOT included	4 4000K CRI93 5 3000K CRI93 8 2700K CRI93	
	64 532 mm 20 W				
	65 782 mm 30 W				
	66 1032 mm 40 W				
	67 1282 mm 50 W				
	68 1532 mm 60 W				
	69 1782 mm 70 W				
	70 2032 mm 80 W				
	71 2282 mm 90 W				
	72 2532 mm 100 W				
	middle inserto²				
	76 505 mm 20 W				
	77 755 mm 30 W				
	78 1005 mm 40 W				
	79 1255 mm 50 W				
	80 1505 mm 60 W				
	81 1755 mm 70 W				
	82 2005 mm 80 W				
	83 2255 mm 90 W				
	84 2505 mm 100 W				
	inner corner module²				
	89 285x285 mm 20 W				
	90° corner module²				
	90 265x265 mm 20 W				

Example: BASE CODE **658** A1 **64** A **8** B **5** C **A** D **6** = **65864-85A6**

¹ one end cap only
² no end caps

C . DIFFUSER		D . FINISHES	
A satin flush diffuser 	C satin recessed diffuser 	1 grey anodized 	
B microprismatic flush diffuser 	D microprismatic recessed diffuser 	6 white RAL 9003 	

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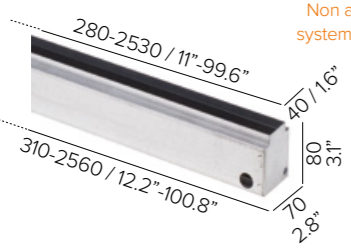
ACCESSORIES

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
69196		100W	100-305V	47-63Hz	IP67	L199xW63xH36
69197		150W	100-305V	47-63Hz	IP67	L219xW63xH36
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					

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

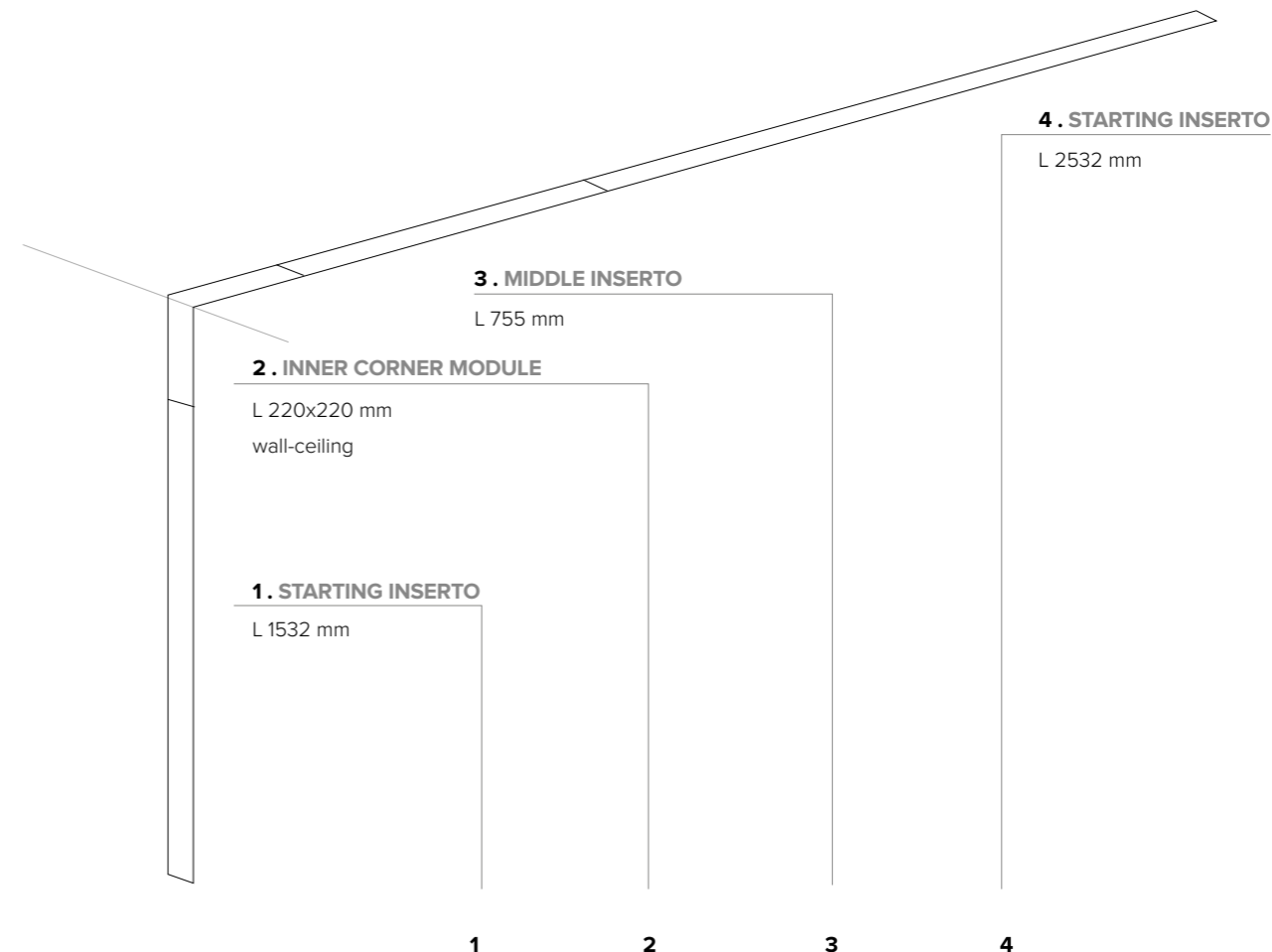
OPTIONAL ACCESSORIES

	code	description	dimensions mm
69452 / 69460 Housing box for concrete Non available for system installation 	69452	housing box	L560xW70xD80
	69453	housing box	L810xW70xD80
	69454	housing box	L1060xW70xD80
	69455	housing box	L1310xW70xD80
	69456	housing box	L1560xW70xD80
	69457	housing box	L1810xW70xD80
	69458	housing box	L2060xW70xD80
	69459	housing box	L2310xW70xD80
	69460	housing box	L2560xW70xD80

INSERTO MEDIUM 65 T SYSTEM

INSERTO MEDIUM 65 T SYSTEM - WALL / CEILING MOUNTING

WALL = L 1752 mm / CEILING = L 3507 mm



65868 85A6 + 65889 85A6 + 65877 85A6 + 65872 85A6

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WALL: L 1752 mm = 1532 mm + 220 mm

CEILING: L 3507 mm = 220 mm + 755 mm + 2532 mm



