



INSERTO MEDIUM 65 F

INSERTO MEDIUM 65 F-E NEW

SPECIFICATIONS

base code	657 INSERTO MEDIUM 65 F-E (24V DC) 659 INSERTO MEDIUM 65 F (48V DC)
typology	Trimless, 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	Available in ten lengths, from 280 to 2530 mm / from 11.02" to 99.61"
depth	65 mm / 2.56"
width	40 mm / 1.57"
required depth	80 mm / 3.14"
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 10 to 15 mm MAX / from 0.39" to 0.59" 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
lamp quantity	1
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.
LED pitch	Custom dimensions on request. Remote power supply not included 24V DC: 8,3 mm / 0.33" (240 LEDs per meter) 48V DC: 4,1 mm / 0.16" (480 LEDs per meter)
lamp wattage	24V DC: from 10W to 100W 48V DC: from 3W to 100W. North America 24V DC
special features	Trimless profile that has a knife edge to the finished surface. Diffuse and completely homogenous light distribution across the entire surface. 24V DC: protection against wrong connections. 48V DC: unpolarized and protection against wrong connections for RGB
beam angles	Diffused
colour temperatures	24V DC: 2700K CRI90, 3000K CRI90 and 4000K CRI90 48V DC: 2700K CRI93, 3000K CRI93 and 4000K CRI93 / 3 step MacAdam ellipse
lamp lumens	24V DC: PCB L 250: 586lm - 48V DC: PCB L 250: 826lm
lamp efficacy lm/W	24V DC: PCB L 250: 69lm/W - 48V DC: PCB L 250: 83lm/W
lumen maintenance	50.000hrs lifetime with lumen maintenance at L70
dimming options	Push button, potentiometer, remote control, 1-10V, DALI, DMX, KNX, Crestron. Dimming options depend on power supply and additional control units
certifications	to be separately ordered as accessories CE, ETL
installation manuals	www.b-light.it



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ORDER CODE

BASE CODE		A1 . LENGTH			A . POWER SUPPLY			B . COLOUR TEMPERATURES	
657 INSERTO MEDIUM 65 F-E 24V DC NEW	41	280 mm	10 W		2 24V DC EXCL. power supply	4	4000K CRI93		
	42	530 mm	20 W			5	3000K CRI93		
	43	780 mm	30 W			6	RGB ¹		
	44	1030 mm	40 W			8	2700K CRI93		
	45	1280 mm	50 W						
	46	1530 mm	60 W						
	47	1780 mm	70 W						
	48	2030 mm	80 W						
	49	2280 mm	90 W						
	50	2530 mm	100 W						
659 INSERTO MEDIUM 65 F 48V DC			white	RGB	8 48V DC EXCL. power supply R  listed 24V DC EXCL. power supply	¹ 48V DC only. Flush diffuser in satin white only			
	51	280 mm	10 W	3 W					
	52	530 mm	20 W	6 W					
	53	780 mm	30 W	9 W					
	54	1030 mm	40 W	12 W					
	55	1280 mm	50 W	15 W					
	56	1530 mm	60 W	18 W					
	57	1780 mm	70 W	21 W					
	58	2030 mm	80 W	24 W					
	59	2280 mm	90 W	27 W					
60	2530 mm	100 W	30 W						
Example: 659		BASE CODE	A1	A	B	C	D		
			52	8	5	A	6	= 65952 85A6	
C . DIFFUSER								D . FINISHES	

A satin flush diffuser 	C satin recessed diffuser 	6 white RAL 9003 
B microprismatic flush diffuser 	D microprismatic recessed diffuser 	D black anodized 

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ACCESSORIES

REQUIRED ACCESSORIES - NOT INCLUDED

Power supply 24V DC ON/OFF*	code	output power		input voltage / frequency		IP	dimensions mm
	69054	60W		90-305V	50-60Hz	IP67	L160xW40xH32
	69052	100W		90-264V	50-60Hz	IP20	L200xW69xH35
	69051	240W		90-305V	50-60Hz	IP65	L244xW68xH39
Power supply 24V DC 1-10V ⁽¹⁾	69062	60W		90-305V	50-60Hz	IP67	L171xW62xH37
	69063	100W		90-305V	50-60Hz	IP67	L220xW68xH39
	69064	150W		90-305V	50-60Hz	IP67	L228xW68xH39
Power supply 24V DC DALI ⁽¹⁾	69201	75W		100-305V	47-63Hz	IP67	L180xW63xH36
	69202	100W		100-305V	47-63Hz	IP67	L199xW63xH36
	69203	150W		100-305V	47-63Hz	IP67	L219xW63xH36
¹for a perfect dimming, it is necessary that the power supply is saturated to 100%							
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
	69190	320W		90-305V	47-63Hz	IP67	L252xW90xH44
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
	69190	320W		90-305V	47-63Hz	IP67	L252xW90xH44
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
¹for a perfect dimming, it is necessary that the power supply is saturated to 100%							
Power supply 48V DC 1-10V and DALI	69096	50W		99-264V	50-60Hz	IP20	L124xW79xH22
Power supply 48V DC 0-10V	69097	120W		90-305V	47-63Hz	IP67	L191xW63xH38
Power supply 24V DC listed 	Consult the US agent Lites on West T: 212.775.6363 E: info@litesonwest.com						
Control unit 24V DC - 48V DC RGB interface ⁽²⁾	code	page	description		in/out voltage	IP	dimensions mm
	69144	592	SMART RGB MASTER 2 RGB interface master (max load 240W at 24V DC or 320W at 48V DC and No. 32 SMART RGB SLAVE 2)		24V DC - 48V DC	IP20	W116xD116xH25
Control unit 24V DC - 48V DC DMX RGB interface ⁽²⁾	69145	592	SMART RGB SLAVE 2 DMX interface or RGB interface slave (max load 240W at 24V DC or 320W at 48V DC)		24V DC - 48V DC	IP20	W116xD116xH25

²Inserto Medium 65 F RGB works only with B LIGHT's RGB interface.
It is not possible to order the luminaire separately from the RGB interface

*To choose the power supply, always add a spare 20% as safety margin.
See pag 597 for cable size and max wiring distance from power supply to last connected luminaire





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ACCESSORIES

OPTIONAL ACCESSORIES

	code	page	description	in/out voltage	IP	dimensions mm
69116/69117   	69116	578	SMART DIMM MASTER 4 Dimmer interface master or 0-10V interface (four channels max load 240W at 24V DC or 320W at 48V DC and No. 32 SMART DIMM SLAVE 4)	24V DC - 48V DC	IP20	W116xD116xH25
Control unit 24V DC - 48V DC Dimmer interface 0-10V interface	69117	578	SMART DIMM SLAVE 4 DMX interface or dimmer interface slave (four channels max load 240W at 24V DC or 320W at 48V DC)	24V DC - 48V DC	IP20	W116xD116xH25
Control unit 24V DC - 48V DC DMX interface						
69451 / 69460 	code		description			dimensions mm
	69451		housing box			L310xW70xD80
	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
69161 	69161		RGB remote control			W85xD50xH7

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

