

DIFFUSE AND COMPLETELY HOMOGENOUS LIGHT DISTRIBUTION



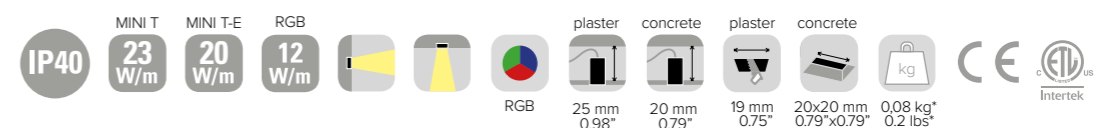
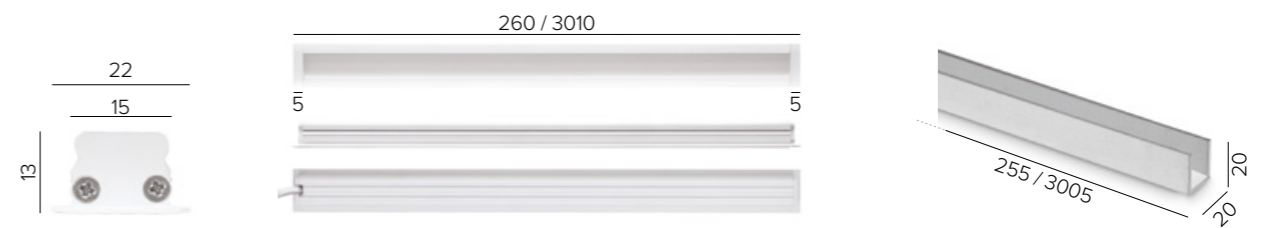
INSERTO MINI T - RGB



INSERTO MINI T INSERTO MINI T-E


SPECIFICATIONS

base code	65553 - 65564 INSERTO MINI T-E 65541 - 65552 INSERTO MINI T
typology	Trimmed, linear recessed luminaire with symmetrical light distribution
mounting	In plasterboard via spring clips (code 69815) or in concrete using housing box (code from 69431 to 69442) to be separately ordered as accessories
length	Available in twelve lengths, from 260 to 3010 mm / from 10.24" to 118.50"
depth	13 mm / 0.51"
width	22 mm / 0.87"
required depth	25 mm / 0.98" if mounting in plasterboard 20 mm / 0.79" if mounting in concrete
first fit requirement	Yes, housing box to be separately ordered if mounting in concrete
ceiling cut out	Plasterboard: 19 mm / 0.75" - Concrete: 20x20 mm / 0.79"x0.79"
ceiling thickness	Minimum 13 mm / 0.51" for plaster ceiling
construction	Fixture and housing box: extruded aluminum. End caps in turning and milling aluminum. Diffuser in satin white 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" - 3000 mm / 118.11" max. Custom dimensions on request. Remote power supply not included
LED pitch	MINI T-E: 8,3 mm / 0.33" (120 LEDs per meter) MINI T: 2,8 mm / 0.11" (360 LEDs per meter) RGB: 5,6 mm / 0.22" (180 LEDs per meter)
lamp wattage	MINI T-E: from 5W to 60W at 24V DC MINI T: from 6W to 69W at 48V DC. North America 24V DC RGB: from 3W to 36W at 24V DC
lamp lumens	MINI T-E: PCB L 250: 240lm - MINI T: PCB L 250: 400lm
delivered lumens	MINI T-E: PCB L 250: 155lm (3000K CRI90) - MINI T: PCB L 250: 285lm (3000K CRI93)
lumen maintenance	MINI T-E: 30.000h L70. MINI T: 50.000h L90
beam	Diffused
kelvin	MINI T-E: 2700K CRI90, 3000K CRI90 and 4000K CRI90 MINI T: 2700K CRI93, 3000K CRI93, 4000K CRI93 and RGB / 3 step MacAdam ellipse
special features	Reverse polarity protection - Two wires dimming. White LED: 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





INSERTO MINI T INSERTO MINI T-E

ORDER CODE

BASE CODE	A1 . LENGTH	A . POWER SUPPLY	B . KELVIN	C . DIFFUSER	
655	INSERTO MINI T-E (24V DC)				
	53 260 mm 5 W	2 24V DC EXCL. power supply	4 4000K CRI93	A satin flush diffuser 	
	54 510 mm 10 W		5 3000K CRI93		
	55 760 mm 15 W		8 2700K CRI93		
	56 1010 mm 20 W				
	57 1260 mm 25 W				
	58 1510 mm 30 W				
	59 1760 mm 35 W				
	60 2010 mm 40 W				
	61 2260 mm 45 W				
	62 2510 mm 50 W				
	63 2760 mm 55 W				
	64 3010 mm 60 W				
	INSERTO MINI T (48V DC)				
41 260 mm 6 W	8 48V DC EXCL. power supply				
42 510 mm 12 W					
43 760 mm 17 W					
44 1010 mm 23 W					
45 1260 mm 29 W					
46 1510 mm 35 W					
47 1760 mm 40 W					
48 2010 mm 46 W					
49 2260 mm 52 W					
50 2510 mm 58 W					
51 2760 mm 63 W					
52 3010 mm 69 W					
<p>Example: BASE CODE 655 A1 41 A 8 B 5 C A D 6 E A = 65541-85A6A</p>					

D . FINISHES


- 1** grey anodized 
- 6** white RAL 9003 

E . INSTALLATION



- A** in plasterboard
- B** in concrete

INSERTO MINI T RGB

ORDER CODE

BASE CODE	A1 . LENGTH	A . POWER SUPPLY	B . KELVIN	C . DIFFUSER				
654	81 260 mm 3 W	2 24V DC EXCL. power supply	6 RGB	A satin flush diffuser 				
	82 510 mm 6 W							
	83 760 mm 9 W							
	84 1010 mm 12 W							
	85 1260 mm 15 W							
	86 1510 mm 18 W							
	87 1760 mm 21 W							
	88 2010 mm 24 W							
	89 2260 mm 27 W							
	90 2510 mm 30 W							
	91 2760 mm 33 W							
	92 3010 mm 36 W							
	<p>Example: BASE CODE 654 A1 81 A 2 B 6 C A D 6 E A = 65481-26A6A</p>							

D . FINISHES

- 1** grey anodized 
- 6** white RAL 9003 

E . INSTALLATION

- A** in plasterboard
- B** in concrete

INSERTO MINI T INSERTO MINI T-E

ACCESSORIES

REQUIRED ACCESSORIES - NOT INCLUDED

Power supply	code	output power	input voltage / frequency	IP	dimensions mm
24V DC ON/OFF*	69054	60W	90-305V 50-60Hz	IP67	L160xW40xH32
	69052	100W	90-264V 50-60Hz	IP20	L200xW69xH35
	69051	240W	90-305V 50-60Hz	IP65	L244xW68xH39
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
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

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

Power supply	code	output power	input voltage / frequency	IP	dimensions mm
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

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

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%

48V DC 1-10V and DALI	69096	55W	99-264V 50-60Hz	IP20	L129xW76xH30
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48V DC 0-10V	69097	120W	90-305V 47-63Hz	IP67	L191xW63xH38
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Class 2 power supply 24V DC
Consult **B LIGHT North America**
Lighting Group Network
T: 212.775.6363
E: info@lightinggroupnetwork.com

INSERTO MINI T INSERTO MINI T-E

ACCESSORIES

REQUIRED ACCESSORIES - NOT INCLUDED

code	page	description	in/out voltage	IP	dimensions mm
69144	582	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
69145	582	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

²⁾Inserto Mini T RGB works only with B LIGHT's RGB interface.
It is not possible to order the luminaire separately from the RGB interface

OPTIONAL ACCESSORIES

code	description	dimensions mm
69815	two spring clips for plasterboard (one spring clip every 50 cm)	H13xL12
69431	housing box	L255xD20xW20
69432	housing box	L505xD20xW20
69433	housing box	L755xD20xW20
69434	housing box	L1005xD20xW20
69435	housing box	L1255xD20xW20
69436	housing box	L1505xD20xW20
69437	housing box	L1755xD20xW20
69438	housing box	L2005xD20xW20
69439	housing box	L2255xD20xW20
69440	housing box	L2505xD20xW20
69441	housing box	L2755xD20xW20
69442	housing box	L3005xD20xW20
69161	RGB remote control	W85xD50xH7