

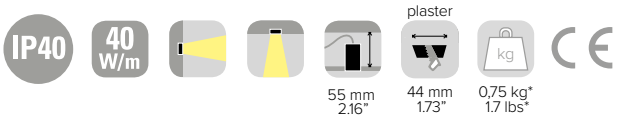
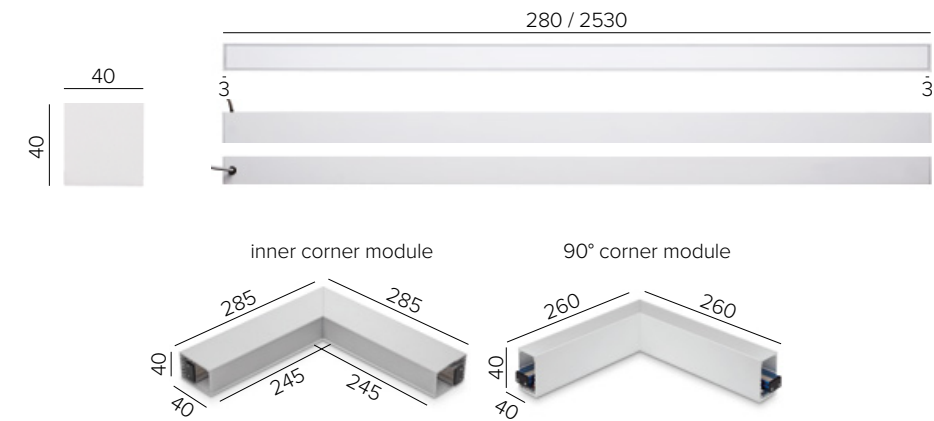


INSERTO MEDIUM 40 F

INSERTO MEDIUM 40 F SYSTEM

SPECIFICATIONS

base code	659
typology	Trimless, linear recessed luminaire with symmetrical light distribution
mounting	In plasterboard with brackets (included)
length	See next page for complete data
depth	40 mm / 1.57"
width	40 mm / 1.57"
required depth	55 mm / 2.16"
first fit requirement	No
ceiling cut out	Plasterboard: 44 mm / 1.73"
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
finishes	Anodized or powder coated when painted
ingress protection	IP40
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 10W to 100W at 48V DC
lamp lumens	PCB L 250: 825lm
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



* weight based on 250 mm / 9.84"

INSERTO MEDIUM 40 F

ORDER CODE

BASE CODE	A1 . LENGTH	A . POWER SUPPLY	B . KELVIN																																				
659	<table><tr><td>01</td><td>280 mm</td><td>10 W</td></tr><tr><td>02</td><td>530 mm</td><td>20 W</td></tr><tr><td>03</td><td>780 mm</td><td>30 W</td></tr><tr><td>04</td><td>1030 mm</td><td>40 W</td></tr><tr><td>05</td><td>1280 mm</td><td>50 W</td></tr><tr><td>06</td><td>1530 mm</td><td>60 W</td></tr><tr><td>07</td><td>1780 mm</td><td>70 W</td></tr><tr><td>08</td><td>2030 mm</td><td>80 W</td></tr><tr><td>09</td><td>2280 mm</td><td>90 W</td></tr><tr><td>10</td><td>2530 mm</td><td>100 W</td></tr></table>	01	280 mm	10 W	02	530 mm	20 W	03	780 mm	30 W	04	1030 mm	40 W	05	1280 mm	50 W	06	1530 mm	60 W	07	1780 mm	70 W	08	2030 mm	80 W	09	2280 mm	90 W	10	2530 mm	100 W	8 48V DC EXCL. power supply	<table><tr><td>4</td><td>4000K CRI93</td></tr><tr><td>5</td><td>3000K CRI93</td></tr><tr><td>8</td><td>2700K CRI93</td></tr></table>	4	4000K CRI93	5	3000K CRI93	8	2700K CRI93
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Example:

BASE CODE

A1

A

B

C

D

=

659

08

8

5

A

6

65908-85A6

C . DIFFUSER

- A

satin
flush diffuser


- B

microprismatic
flush diffuser



D . FINISHES

- 2

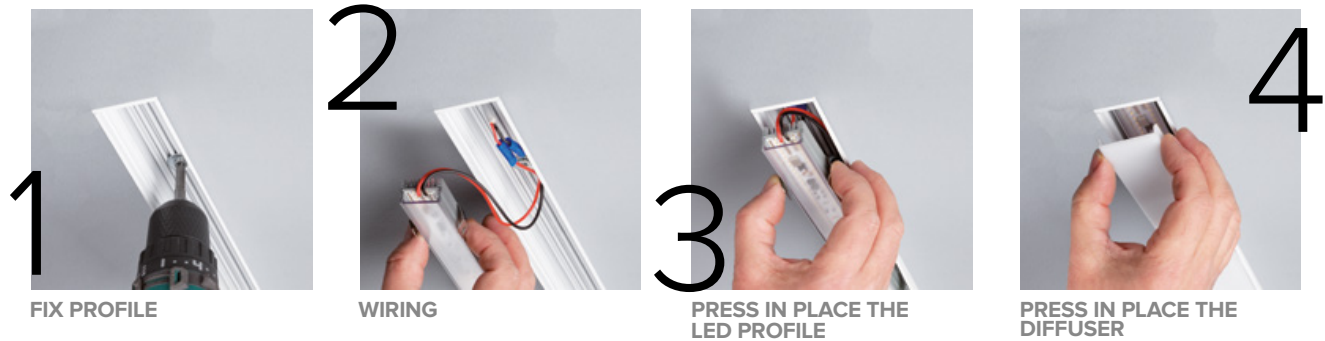
black
RAL 9005


- 6

white
RAL 9003



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



INSERTO MEDIUM 40 F SYSTEM

ORDER CODE

BASE CODE	A1 . LENGTH		A . POWER SUPPLY		B . KELVIN						
659	starting inserto¹		8	48V DC EXCL. power supply	4	4000K CRI93					
	12	527 mm 20 W									
	13	777 mm 30 W									
	14	1027 mm 40 W									
	15	1277 mm 50 W									
	16	1527 mm 60 W									
	17	1777 mm 70 W									
	18	2027 mm 80 W									
	19	2277 mm 90 W									
	20	2527 mm 100 W									
middle inserto²				5	3000K CRI93						
23	505 mm 20 W										
24	755 mm 30 W										
25	1005 mm 40 W										
26	1255 mm 50 W										
27	1505 mm 60 W										
28	1755 mm 70 W										
29	2005 mm 80 W										
30	2255 mm 90 W										
31	2505 mm 100 W										
inner corner module²				8	2700K CRI93						
32	285x285 mm 20 W										
90° corner module²											
33	260x260 mm 20 W										
¹ one end cap only ² no end caps											
BASE CODE						A1	A	B	C	D	
Example: 659						18	8	5	A	6	= 65918-85A6

C . DIFFUSER

- A

satin
flush diffuser


- B

microprismatic
flush diffuser



D . FINISHES

- 2

black
RAL 9005


- 6

white
RAL 9003



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ACCESSORIES

REQUIRED ACCESSORIES - NOT INCLUDED

Power supply 48V DC ON/OFF*	code	output power	input voltage / frequency		IP	dimensions mm
	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

*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

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INSERTO MEDIUM 40 F SYSTEM - CEILING MOUNTING

CEILING = L 2037 x L 2787 mm

