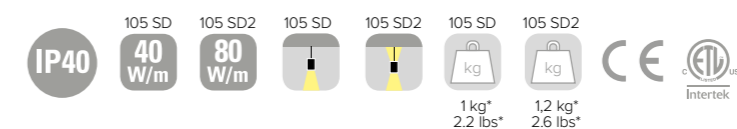
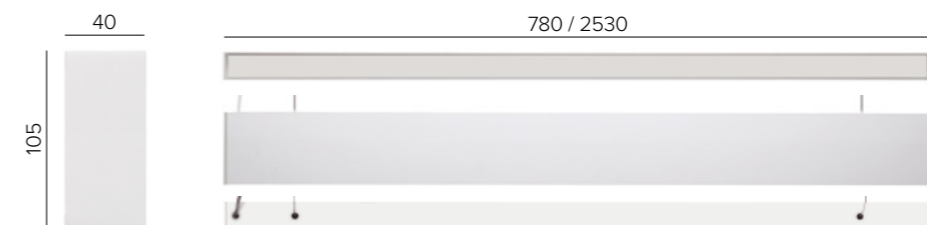


# INSERTO MEDIUM 105 SD INSERTO MEDIUM 105 SD2

## SPECIFICATIONS

base code	649 INSERTO MEDIUM 105 SD 650 INSERTO MEDIUM 105 SD2
typology	Linear pendant luminaire, with light emission on one side (INSERTO MEDIUM 105 SD) or two sides, direct light and indirect light (INSERTO MEDIUM 105 SD2)
mounting	To ceiling with 2000 mm / 78.74" steel wire ropes (included)
length	Available in eight lengths, from 780 to 2530 mm / from 30.71" to 99.61"
height	105 mm / 4.13"
width	40 mm / 1.57"
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 / 9.84". 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". INSERTO MEDIUM 105 SD: 480 LEDs per meter. INSERTO MEDIUM 105 SD2: 960 LEDs per meter
lamp wattage	105 SD: from 30W to 100W at 48V DC. North America 24V DC 105 SD2: from 60W to 200W at 48V DC. North America 24V DC
lamp lumens	PCB L 250: 2700K CRI93 - 830lm, 3000K CRI93 - 830lm, 4000K CRI93 - 915lm
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	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, ETL listed for dry location



\* weight based on 250 mm / 9.84"

INSERTO MEDIUM 105 SD2

# INSERTO MEDIUM 105 SD INSERTO MEDIUM 105 SD2

## ORDER CODE

BASE CODE	A1 . LENGTH	A . POWER SUPPLY	B . KELVIN
<b>649</b> INSERTO MEDIUM 105 SD <i>direct light</i>	<b>77</b> 780 mm   30 W	<b>8</b> 48V DC EXCL. power supply  <b>R</b> listed 24V DC EXCL. power supply	<b>4</b> 4000K CRI93
	<b>78</b> 1030 mm   40 W		<b>5</b> 3000K CRI93
	<b>79</b> 1280 mm   50 W		<b>8</b> 2700K CRI93
	<b>80</b> 1530 mm   60 W		
	<b>81</b> 1780 mm   70 W		
	<b>82</b> 2030 mm   80 W		
	<b>83</b> 2280 mm   90 W		
	<b>84</b> 2530 mm   100 W		
	<b>650</b> INSERTO MEDIUM 105 SD2 <i>direct light and indirect light</i>		<b>31</b> 780 mm   60 W
<b>32</b> 1030 mm   80 W			
<b>33</b> 1280 mm   100 W			
<b>34</b> 1530 mm   120 W			
<b>35</b> 1780 mm   140 W			
<b>36</b> 2030 mm   160 W			
<b>37</b> 2280 mm   180 W			
<b>38</b> 2530 mm   200 W			

Example: BASE CODE **649** A1 **77** A **8** B **5** C **C** D **6** = **64977-85C6**

# INSERTO MEDIUM 105 SD INSERTO MEDIUM 105 SD2

## ACCESSORIES

### REQUIRED ACCESSORIES - NOT INCLUDED

code	output power	input voltage / frequency	IP	dimensions mm
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
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
69195	75W	100-305V	47-63Hz IP67	L180xW63xH36
69196	100W	100-305V	47-63Hz IP67	L199xW63xH36
69197	150W	100-305V	47-63Hz IP67	L219xW63xH36
*for a perfect dimming, it is necessary that the power supply is saturated to 100%				
69096	55W	99-264V	50-60Hz IP20	L129xW76xH30
69097	120W	90-305V	47-63Hz IP67	L191xW63xH38

Consult **B LIGHT North America**  
Lighting Group Network  
T: 212.775.6363  
E: info@lightinggroupnetwork.com

### C . DIFFUSER

- C** satin recessed diffuser
- D** micropismatic recessed diffuser



### D . FINISHES

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

