

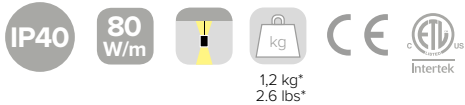
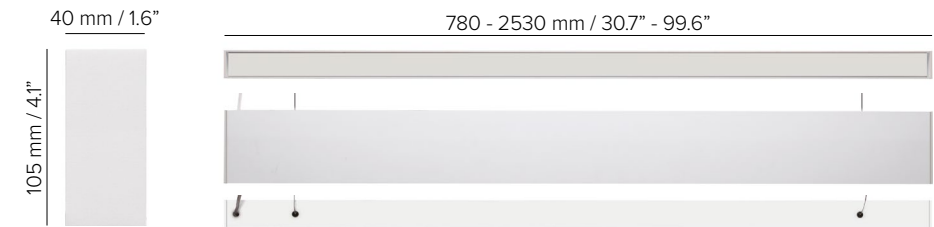


INSERTO MEDIUM 105 SD2

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## SPECIFICATIONS

|                    |                                                                                                                                                                                   |
|--------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| base code          | 650                                                                                                                                                                               |
| typology           | Linear pendant luminaire, with light emission on two sides, direct light and indirect light                                                                                       |
| mounting           | To ceiling with 2000 mm / 78.7" steel wire ropes (included)                                                                                                                       |
| length             | Available in eight lengths, from 780 to 2530 mm / from 30.7" to 99.6"                                                                                                             |
| height             | 105 mm / 4.1"                                                                                                                                                                     |
| width              | 40 mm / 1.6"                                                                                                                                                                      |
| 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 / 9.8". 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". 960 LEDs per meter                                                                                                                                                 |
| lamp wattage       | 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   | Reverse polarity protection. 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 / 9.8"



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## ORDER CODE

| BASE CODE          |                                     | A1 . LENGTH |       | A . POWER SUPPLY |                                                      | B . KELVIN        |                |
|--------------------|-------------------------------------|-------------|-------|------------------|------------------------------------------------------|-------------------|----------------|
| 650                | 31                                  | 780 mm      | 60 W  | 8                | 48V DC<br>power supply<br>NOT included               | 4                 | 4000K CRI93    |
|                    | 32                                  | 1030 mm     | 80 W  |                  |                                                      | 5                 | 3000K CRI93    |
|                    | 33                                  | 1280 mm     | 100 W | R                | ETL listed<br>24V DC<br>power supply<br>NOT included | 8                 | 2700K CRI93    |
|                    | 34                                  | 1530 mm     | 120 W |                  |                                                      |                   |                |
|                    | 35                                  | 1780 mm     | 140 W |                  |                                                      |                   |                |
|                    | 36                                  | 2030 mm     | 160 W |                  |                                                      |                   |                |
|                    | 37                                  | 2280 mm     | 180 W |                  |                                                      |                   |                |
|                    | 38                                  | 2530 mm     | 200 W |                  |                                                      |                   |                |
| Example: BASE CODE |                                     | A1          | A     | B                | C                                                    | D                 |                |
|                    |                                     | 649         | 77    | 8                | 5                                                    | C                 | 6 = 64977-85C6 |
| C . DIFFUSER       |                                     |             |       | D . FINISHES     |                                                      |                   |                |
| C                  | satin<br>recessed diffuser          |             |       |                  | 1                                                    | grey<br>anodized  |                |
| D                  | microprismatic<br>recessed diffuser |             |       |                  | 6                                                    | white<br>RAL 9003 |                |
|                    |                                     |             |       |                  | D                                                    | black<br>anodized |                |

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## ACCESSORIES

| REQUIRED ACCESSORIES - NOT INCLUDED          |                                                                                                                       |              |                           |         |                   |
|----------------------------------------------|-----------------------------------------------------------------------------------------------------------------------|--------------|---------------------------|---------|-------------------|
|                                              | code                                                                                                                  | output power | input voltage / frequency |         | IP dimensions mm  |
| Power supply<br>48V DC, ON/OFF*              | 69181                                                                                                                 | 40W          | 90-305V                   | 47-63Hz | IP54 L163xW43xH32 |
|                                              | 69182                                                                                                                 | 60W          | 90-305V                   | 47-63Hz | IP54 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<br>48V DC, 1-10V <sup>†</sup>   | 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<br>48V DC, DALI <sup>†</sup>    | 69195                                                                                                                 | 75W          | 100-305V                  | 47-63Hz | IP67 L180xW63xH36 |
|                                              | 69196                                                                                                                 | 100W         | 100-305V                  | 47-63Hz | IP67 L199xW63xH36 |
|                                              | 69197                                                                                                                 | 150W         | 100-305V                  | 47-63Hz | IP67 L219xW63xH36 |
|                                              | <sup>†</sup> for a perfect dimming, it is necessary that the power supply is saturated to 100%                        |              |                           |         |                   |
| Power supply<br>48V DC, 1-10V and DALI       | 69096                                                                                                                 | 55W          | 99-264V                   | 50-60Hz | IP20 L129xW76xH30 |
| Power supply<br>48V DC, 0-10V                | 69097                                                                                                                 | 120W         | 90-305V                   | 47-63Hz | IP67 L191xW63xH38 |
| Class 2 power supply<br>24V DC<br>ETL listed | Consult <b>B LIGHT North America</b><br>Lighting Group Network<br>T: 212.775.6363<br>E: info@lightinggroupnetwork.com |              |                           |         |                   |

\*To choose the power supply, always add a spare 20% as safety margin.  
See pag 509 for cable size and max wiring distance from power supply to last connected luminaire