

# GEMPC Lamps

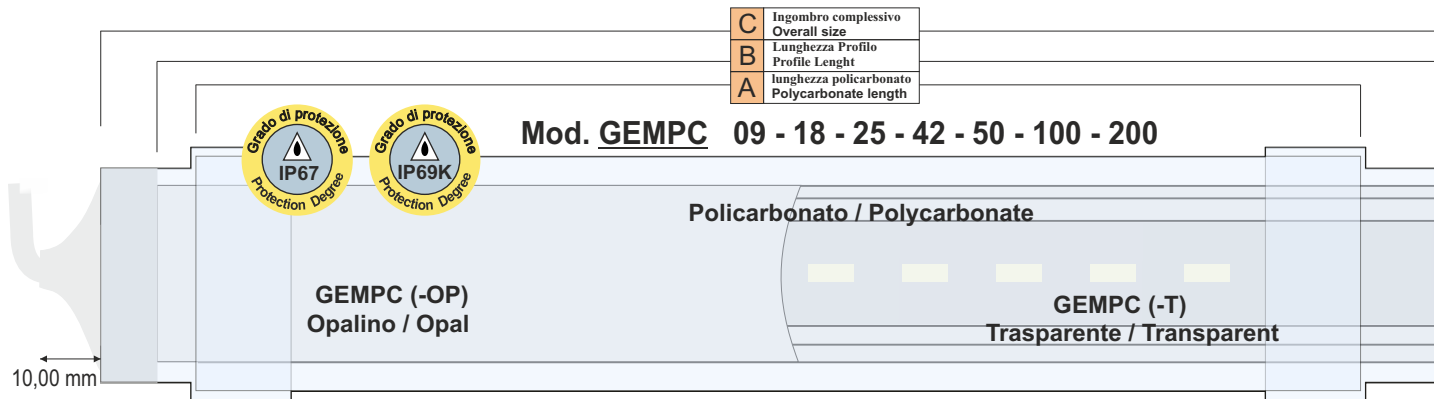
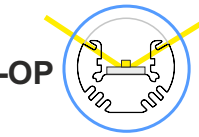
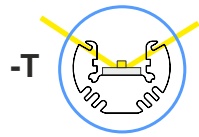


Anodized aluminium led lamp with 1mm polycarbonate external cover (IP67 / IP69K)

| Mod. GEMPC                      | Lunghezza<br>Length | Led N. | Moduli base integrati 6 led<br>6 Leds integrated standard modules | Tensione alimentazione<br>Supply voltage | Corrente alim. standard<br>Standard supply current | Potenza assorbita<br>Power consumption | Flusso luminosità generata tipica<br>Typical luminous flux | illuminazione tipica a 50 cm<br>50 cm Typical Lighting | Range temperatura lavoro<br>Working temperature range                                                                                                               |
|---------------------------------|---------------------|--------|-------------------------------------------------------------------|------------------------------------------|----------------------------------------------------|----------------------------------------|------------------------------------------------------------|--------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| GEMPC09-6K-T<br>GEMPC09-6K-OP   | 09 cm.              | 6      | 1                                                                 | 24Vdc +/- 10%.                           | 85 mA                                              | 2,0 W                                  | 280 lumen                                                  | 250 lux<br>180 lux                                     | <b>-40°C a 55°C</b><br>No esposizione<br>diretta solare<br>a lampada accesa<br><br><b>-40°C a 55°C</b><br>No direct sunlight<br>exposure to<br>while the lamp is on |
| GEMPC18-6K-T<br>GEMPC18-6K-OP   | 18 cm.              | 12     | 2                                                                 |                                          | 170 mA                                             | 4,0 W                                  | 560 lumen                                                  | 490 lux<br>340 lux                                     |                                                                                                                                                                     |
| GEMPC25-6K-T<br>GEMPC25-6K-OP   | 25 cm.              | 18     | 3                                                                 |                                          | 250 mA                                             | 6,0 W                                  | 840 lumen                                                  | 710 lux<br>450 lux                                     |                                                                                                                                                                     |
| GEMPC42-6K-T<br>GEMPC42-6K-OP   | 42 cm.              | 30     | 5                                                                 |                                          | 425 mA                                             | 10,2 W                                 | 1430 lumen                                                 | 1080 lux<br>750 lux                                    |                                                                                                                                                                     |
| GEMPC50-6K-T<br>GEMPC50-6K-OP   | 50 cm.              | 36     | 6                                                                 |                                          | 500 mA                                             | 12,0 W                                 | 1680 lumen                                                 | 1250 lux<br>870 lux                                    |                                                                                                                                                                     |
| GEMPC100-6K-T<br>GEMPC100-6K-OP | 100 cm.             | 72     | 12                                                                |                                          | 1000 mA                                            | 24,0 W                                 | 3360 lumen                                                 | 1820 lux<br>1200 lux                                   |                                                                                                                                                                     |
| GEMPC200-6K-T<br>GEMPC200-6K-OP | 200 cm.             | 144    | 24                                                                |                                          | 2000 mA                                            | 48,0 W                                 | 6720 lumen                                                 | 1950 lux<br>1430 lux                                   |                                                                                                                                                                     |

Apertura illuminazione  
Beam Angle

120°

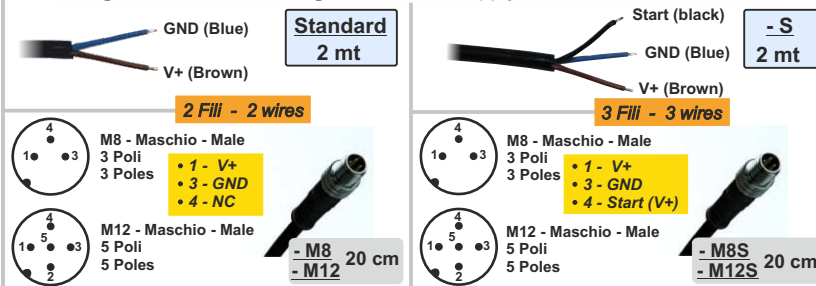


Su richiesta disegni meccanici 3D  
3D mechanical drawings on request

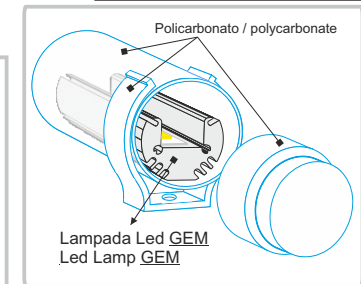
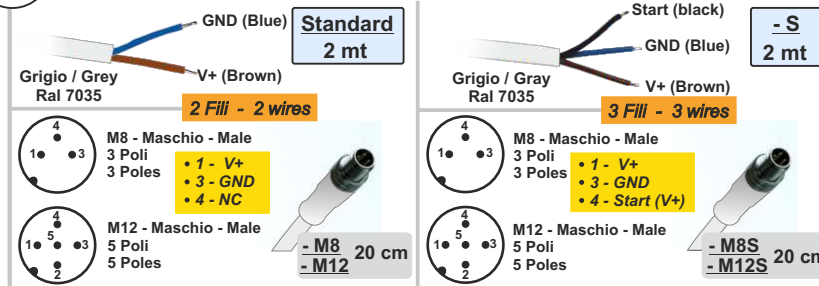
|   |                                                 |
|---|-------------------------------------------------|
| C | Ingombro complessivo<br>Overall size            |
| B | Lunghezza Profilo<br>Profile Length             |
| A | lunghezza polycarbonato<br>Polycarbonate length |

| Mod.     | A<br>(mm)                                  | B<br>(mm) | C<br>(mm) |
|----------|--------------------------------------------|-----------|-----------|
| GEMPC09  | 90                                         | 104       | 112       |
| GEMPC18  | 177                                        | 191       | 199       |
| GEMPC25  | 247                                        | 261       | 269       |
| GEMPC42  | 420                                        | 434       | 442       |
| GEMPC50  | 498                                        | 512       | 520       |
| GEMPC100 | 1000                                       | 1014      | 1022      |
| GEMPC200 | 2000                                       | 2014      | 2022      |
| GEMPCXXX | Lunghezze personalizzate<br>Custom Lengths |           |           |

Collegamento alimentazione per versione / Supply connection for each version



-A Collegamento alimentazione per versione / Supply connection for each version



Genesi LUX® a division of  
Genesi Elettronica srl



**Lampada Led / Led lamp**

- Alimentazione: 24 Vdc  
Supply: 24Vdc
- Grado di protezione: **IP67 + IP69K**  
Protection degree: **IP67 + IP69K**
- Uso illuminazione per esterni e Linee di processo alimentari  
Outdoor lighting use and Food processing Line
- Illuminatore sistemi ispezione con telecamere  
Illuminator for vision systems with cameras

**GEMPC Options**

Ex. Code : GEMPCXXX-YY-CCC-WW1-WW2-WW3

**GEMPC Code**

| Lunghezza lampada<br>Lamp length | Colore Led<br>Led Colour | Corrente per Led<br>Current per Led | Varianti e opzioni<br>Variants and options |
|----------------------------------|--------------------------|-------------------------------------|--------------------------------------------|
| <b>XXX</b>                       | <b>YY</b>                | <b>CCC</b>                          | <b>WW1 -WW2- WW3</b>                       |

| <b>-WW1 Varianti coperture Lampada<br/>Cover Lamp variants</b> |                                                                                                 |
|----------------------------------------------------------------|-------------------------------------------------------------------------------------------------|
| <b>-T</b>                                                      | <b>Copertura Trasparente apertura illuminazione 120°<br/>Transparent cover 120° beam angle.</b> |
| <b>-OP</b>                                                     | <b>Copertura Opalina apertura illuminazione 120°<br/>Opaline cover 120° beam angle.</b>         |

| <b>-WW2 Varianti tipologia collegamento<br/>Type connections Variants</b> |                                                                                                                                                           |
|---------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>-</b><br><small>STANDARD</small>                                       | <b>Cavo Standard<br/>Standard Cable</b>                                                                                                                   |
| <b>-A</b>                                                                 | <b>Cavo conforme alle normative settore alimentare<br/>DIN / VDE 0472 PART<br/>In accordance with the food sector regulations<br/>DIN / VDE 0472 PART</b> |

| <b>-WW2 Collegamento alimentazione per versione<br/>Supply connection for each version</b> |                                                                                                        |
|--------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------|
| <b>-</b><br><small>STANDARD</small>                                                        | <b>Versione standard cavo 2 poli 2mt<br/>standard version with 2mt 2-poles cable</b>                   |
| <b>-M8</b>                                                                                 | <b>Versioni -M8 conn. M8 3 poli Maschio cavo 20cm<br/>-M8 versions M8 3-poles 20 cm male cable</b>     |
| <b>-M12</b>                                                                                | <b>Versioni -M12 conn. M12 5 poli Maschio cavo 20cm<br/>-M12 versions M12 5-poles 20 cm male cable</b> |
| <b>-S</b>                                                                                  | <b>Ver. -S (Start/Strobe)<br/>Max. current driving of 10mA, 3poles 2Mt Cable</b>                       |
| <b>-M8S</b>                                                                                | <b>Ver. -M8S (Start/Strobe)<br/>Max. curr. driving of 10mA, M8 3poles 20cm Male Cable</b>              |
| <b>-M12S</b>                                                                               | <b>Ver. -M12S (Start/Strobe)<br/>Max. curr. driving of 10mA, M12 5poles 20cm Male Cable</b>            |
| <b>-5M</b>                                                                                 | <b>cavo 2 poli 5mt / 5mt 2 poles cable</b>                                                             |
| <b>-5MS</b>                                                                                | <b>cavo 3 poli 5mt / 5mt 3 poles cable</b>                                                             |
| <b>-WW</b>                                                                                 | <b>Versioni custom<br/>Custom versions</b>                                                             |

**Lunghezza lampada  
Lamp length**

|          |        |
|----------|--------|
| GEMPC09  | 09 cm  |
| GEMPC18  | 18 cm  |
| GEMPC25  | 25 cm  |
| GEMPC42  | 42 cm  |
| GEMPC50  | 50 cm  |
| GEMPC100 | 100 cm |
| GEMPC200 | 200 cm |

**Colori  
Colours**

|                                       |                                                      |
|---------------------------------------|------------------------------------------------------|
| <b>-6K</b><br><small>STANDARD</small> | <b>Bianco freddo 6000K<br/>6000K Cold white</b>      |
| <b>-4K</b>                            | <b>Bianco Naturale 4000K<br/>4000K Natural white</b> |
| <b>-3K</b>                            | <b>Bianco Caldo 3000K<br/>3000K Warm white</b>       |
| <b>-YY</b>                            | <b>Custom IR / UV / COLOR</b>                        |

**GEMPC25-6K-T****Corrente per Led  
Current per led**

|                                     |                                                                                       |
|-------------------------------------|---------------------------------------------------------------------------------------|
| <b>-</b><br><small>STANDARD</small> | <b>85mA per Led<br/>85mA per Led</b>                                                  |
| <b>-CC</b>                          | <b>Led con pilotaggio diretto<br/>in corrente<br/>Led with direct driving current</b> |
| <b>-20</b>                          | <b>20mA per Led<br/>20mA per Led</b>                                                  |
| <b>-40</b>                          | <b>40mA per Led<br/>40mA per Led</b>                                                  |
| <b>-300</b>                         | <b>300mA per Led uso impulsivo<br/>300mA per Led impulsive use<br/>T ON max 1/10</b>  |
| <b>-CCC</b>                         | <b>custom</b>                                                                         |

**NORMATIVE / STANDARDS**

|                                                                                      |                                |                                             |
|--------------------------------------------------------------------------------------|--------------------------------|---------------------------------------------|
| Immunità elettromagnetica - EMC immunity :                                           | EN 61547:2009                  |                                             |
| Emissione elettromagnetica - EMC emission :                                          | EN 55015:2013 + A1             |                                             |
| Rischio fotobiologico - Photobiologic risk :                                         | EN 62471:2008 GLS: RISK EXEMPT | <b>Only for white light, continuous use</b> |
| Assessment of lighting equipment related to human exposure to electromagnetic fields | EN 62493:2015                  |                                             |

**NORMATIVE SETTORE ALIMENTARE - FOOD INDUSTRY STANDARDS**

|                                                             |                         |           |
|-------------------------------------------------------------|-------------------------|-----------|
| Non Halogen Verification:                                   | DIN / VDE 0472 part 815 | <b>-A</b> |
| Gas rilasciati in combustione - Gases relases in combustion | DIN EN 50267-2-1        |           |

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Organization with a  
certified **ISO 9001:2015**  
Quality Management System

