

Develop
your custom
solution

13
Standard
Colours

Base
IP40
Protection Degree

Variant
IP54
Protection Degree

Optional
Polarizing
Filter

24
Vdc

CE
RoHS

UK
CA

FC

Illuminator Features :

- Project achieved by internal resources and Genesi skills;
- Model with transparent and opaline covers;
- Model with two wires, M8, M12 with or without fast start (PNP);

| COLOUR | WHITE | | UV-A | | | | VISIBLE | | | | NIR | | |
|------------|-------------|-------------|----------|----------|----------|----------|------------|-------------|-----------|----------------|----------|----------|----------|
| Led Colour | White 6000K | White 4000K | UV 365nm | UV 385nm | UV 395nm | UV 405nm | Blue 450nm | Green 524nm | Red 625nm | Deep Red 660nm | IR 730nm | IR 850nm | IR 950nm |
| | -6K | -4K | -365 | -385 | -395 | -405 | -450 | -524 | -625 | -660 | -730 | -850 | -950 |

GERE Part Number

Ex. Code : **GEREAABB** -YYY -CCC -WW1 -WW2

| AABB | Lengths | Heights |
|----------|-------------------------------|---------|
| GERE1004 | 10 cm | 4 cm |
| GERE1007 | 10 cm | 7 cm |
| GERE1010 | 10 cm | 10 cm |
| GERE2010 | 20 cm | 10 cm |
| GERE3010 | 30 cm | 10 cm |
| GERE0520 | 5 cm | 20 cm |
| GERE2020 | 20 cm | 20 cm |
| GERE3020 | 30 cm | 20 cm |
| GERE3030 | 30 cm | 30 cm |
| GERE4030 | 40 cm | 30 cm |
| GERE4040 | 40 cm | 40 cm |
| GERE5020 | 50 cm | 20 cm |
| GERE5050 | 50 cm | 50 cm |
| GERE6020 | 60 cm | 20 cm |
| GERE6060 | 60 cm | 60 cm |
| GEREAABB | from 4 cm to 200 cm on demand | |

| -YYY | Led Colours | |
|------|-----------------------|---------|
| -6K | Base 6000K Cold White | White |
| -4K | 4000K Natural White | |
| -365 | UV 365 nm | UV - A |
| -385 | UV 385 nm | |
| -395 | UV 395 nm | |
| -405 | UV 405 nm | |
| -RGB | RGB | Visible |
| -450 | 450 nm Royal Blue | |
| -524 | 524 nm Green | |
| -625 | 625 nm Red | |
| -660 | 660 nm Deep Red | |
| -730 | 730 nm IR | |
| -850 | 850 nm IR | |
| -950 | 950 nm IR | |
| -YYY | Colour on demand | |

Up to 3 different colours in a single light

| -CCC | Powers |
|------|--------------------------------------|
| | Base 30 mA per led UP TO GERE3020 |
| | Base 20 mA per led FROM GERE3030 |
| -CC | Current Control |
| -100 | 100 mA per led |
| -CCC | Current on demand |

| -WW1 | Cover variants |
|-------|---------------------------------------|
| | Base Opaline cover |
| -T | Transparent cover |
| -OPC | Collimating filter + Opaline cover |
| -TP | Polarizing filter + Transparent cover |
| -OPP | Polarizing filter + Opaline cover |
| -IP54 | IP54 |
| -WW1 | Cover on demand |

| -WW2 | Cables |
|-------|--------------------------------------|
| | Base 2 Mt cable 2 wires |
| -M8 | 20 cm cable + M8 3P M |
| -M12 | 20 cm cable + M12 5P M |
| -S | 2 Mt cable + logic start |
| -M8S | 20 cm cable + M8 3P M + logic start |
| -M12S | 20 cm cable + M12 5P M + logic start |
| -5M | 5 Mt 2P cable |
| -5MS | 5 Mt 3P cable + logic start |
| -WW2 | Supply connection on demand |

Not all combinations are available

Part Number Examples:

GERE2020-6K

Backlight 20x20cm White 6000K Opaline cover 720mA 8000 cd/M2 17,0W 2Mt cable 2 Wires

GERE4040-850-S

Backlight 40x40cm IR 850nm Opaline cover 2A 50W 2Mt cable 3 poles + logic start

GERE12080-6K-RA10

Backlight 120x80cm 6000K Opaline cover analog regulation 0-10V 13A 312W 2Mt cable 3 poles

Design & Production
Made in Italy



Genesi LUX

GENESI ELETTRONICA SRL - VIA BACHELET, 3/A - 41057 SPILAMBERTO (MO) - ITALY
info@genesi-lux.it - TEL. +39 059785566 - www.genesi-elettronica.com

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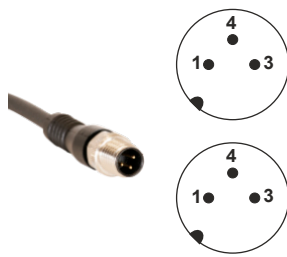


Organization with a certified ISO 9001:2015 Quality Management System

Rev. 01/26

PIN OUT

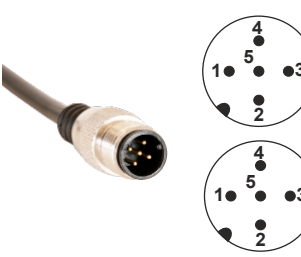
-M8 / -M8S



| M8 - Male 3 Poles | |
|-------------------|-------|
| 1 | +24 V |
| 3 | GND |
| 4 | NC |

| M8S - Male 3 Poles | |
|--------------------|-------|
| 1 | +24 V |
| 3 | GND |
| 4 | Start |

-M12 / -M12S



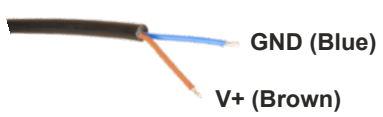
| Under 4 A | |
|--------------------|-------|
| M12 - Male 5 Poles | |
| 1 | +24 V |
| 2 | NC |
| 3 | GND |
| 4 | NC |
| 5 | NC |

| Over 4 A | |
|--------------------|-------|
| M12 - Male 5 Poles | |
| 1 | +24 V |
| 2 | +24 V |
| 3 | GND |
| 4 | NC |
| 5 | GND |

| Under 4 A | |
|---------------------|-----------|
| M12S - Male 5 Poles | |
| 1 | +24 V |
| 2 | NC |
| 3 | GND |
| 4 | Start PNP |
| 5 | NC |

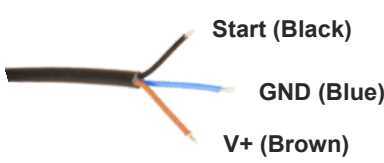
| Over 4 A | |
|---------------------|-----------|
| M12S - Male 5 Poles | |
| 1 | +24 V |
| 2 | +24 V |
| 3 | GND |
| 4 | Start PNP |
| 5 | GND |

-5M / -10M



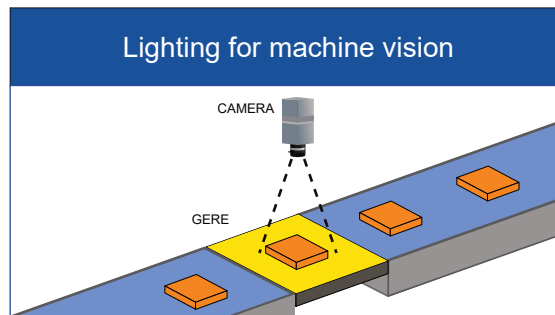
GND (Blue)
V+ (Brown)

-S / -5MS / -10MS



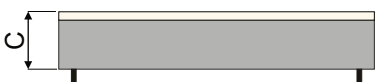
Start (Black)
GND (Blue)
V+ (Brown)

TYPICAL APPLICATIONS

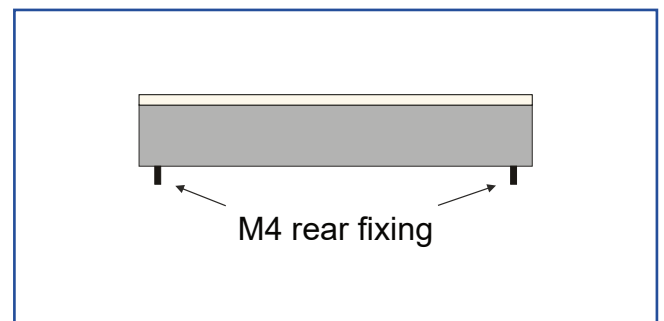


MECHANICAL DRAWING

| XXX | C |
|----------------|-----|
| UP TO GERE2010 | 25 |
| UP TO GERE2020 | 30 |
| UP TO GERE6060 | 45 |
| GEREAABB | XXX |

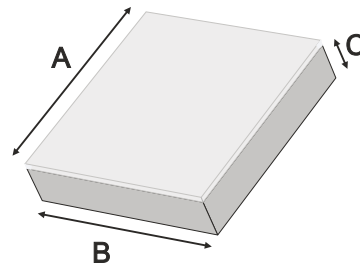


FIXING



For 3D mechanical drawing requests - info@genesi-lux.it

BASE MODEL LENGTHS & POWERS



WORKING TEMPERATURE RANGE
FROM - 35°C (NO FROST) TO + 55°C

| Mod. | A (mm) | B (mm) | C (mm) | Supply voltage | Supply current | Power consumption |
|-------------|----------|----------|----------|----------------|----------------|-------------------|
| GERE1004-6K | 100 | 40 | 25 | 24/vdc +/- 10% | 60 mA | 1,5 W |
| GERE1007-6K | 100 | 70 | 25 | | 120 mA | 3,0 W |
| GERE1010-6K | 100 | 100 | 25 | | 180 mA | 4,5 W |
| GERE2010-6K | 200 | 100 | 25 | | 360 mA | 8,5 W |
| GERE3010-6K | 300 | 100 | 25 | | 540 mA | 12 W |
| GERE0520-6K | 50 | 200 | 30 | | 120 mA | 3,0 W |
| GERE2020-6K | 200 | 200 | 30 | | 720 mA | 17 W |
| GERE3020-6K | 300 | 200 | 45 | | 1080 mA | 26,4 W |
| GERE3030-6K | 300 | 300 | 45 | | 1080 mA | 26,4 W |
| GERE4030-6K | 400 | 300 | 45 | | 1560 mA | 37,5 W |
| GERE4040-6K | 400 | 400 | 45 | | 2080 mA | 50,0 W |
| GERE5020-6K | 500 | 200 | 45 | | 1280 mA | 31,0 W |
| GERE5050-6K | 500 | 500 | 45 | | 3200 mA | 77,0 W |
| GERE6020-6K | 600 | 200 | 45 | | 1520 mA | 36,5 W |
| GERE6060-6K | 600 | 600 | 45 | | 4560 mA | 110 W |

GEREXXX from 40 mm to 2000 mm

LIGHT PROJECTION

| - OP | |
|------------------|-----------------------------|
| Working Distance | Luminance cd/m ² |
| On Surface | TBD |

Tailor-Made

| Connector | PINS | Function | Description |
|-----------|------|----------|-------------|
| | 1 | | |
| | 2 | | |
| | 3 | | |
| | 4 | | |
| | 5 | | |

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NEW SOLUTION

DESIGN A NEW ONE

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SAMPLE

TEST THE PRODUCT

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TECHNICAL SPECIFICATIONS

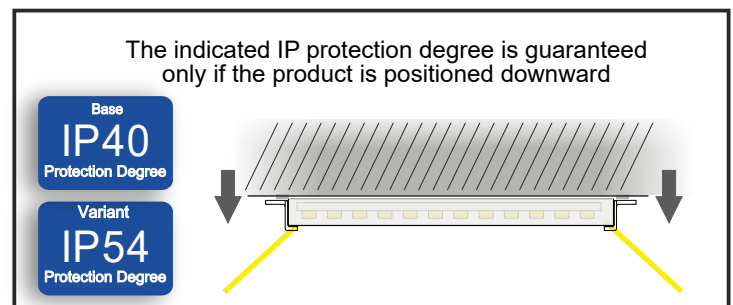
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REQUEST

THE PRICE LIST

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| STANDARDS | |
|--|--------------------|
| EMC immunity : | EN 61547:2009 |
| EMC emission : | EN 55015:2019 |
| Photobiologic risk : | EN 62471:2008 GLS: |
| Assessment of lighting equipment related to human exposure to electromagnetic fields | EN 62493:2015 |

WARNING

-Electrical device exclusively for professional use. Installation can be done by qualified personnel only.

-In case of power supply wire damage, its replacement has to be done at the head office exclusively.

Warranty loss in case of inappropriate use and tampering.



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Made in Italy



Genesi LUX®

GENESI ELETTRONICA SRL - VIA BACHELET, 3/A - 41057 SPILAMBERTO (MO) - ITALY

info@genesi-lux.it - TEL. +39 059785566 - www.genesi-elettronica.com

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Organization with a
certified ISO 9001:2015
Quality Management System

Rev. 01/26