

GERE FLAT DOME



Develop your custom solution	13 Standard Colours	Base IP40 Protection Degree	Variant IP54 Protection Degree	Optional Polarizing Filter	24 Vdc

Illuminator Features :

- Project achieved by internal resources and Genesi skills;
- Model with transparent, trasparente frosted 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 FLAT DOME Part Number

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

AABB	Lengths	Heights
GERE3030	30 cm	30 cm
GERE4030	40 cm	30 cm
GERE4040	40 cm	40 cm
GERE5020	50 cm	20 cm
GERE6020	60 cm	20 cm
GERE5050	50 cm	50 cm
GERE6060	60 cm	60 cm
GERE8080	80 cm	80 cm
GEREAABB	from 5 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	Nir
-850	850 nm IR	
-950	950 nm IR	
-YYY	Colour on demand	

Up to 2 different colours in a single light

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

-HH	Holes for cameras
-H3	Diameter 30 mm
-H4	Diameter 40 mm
-H6	Diameter 60 mm
-H8	Diameter 80 mm
-HH	Hole 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:

GERE3030-6K-H3

Flat dome light 30x30cm White 6000K hole 30mm Opaline cover
8000cd/m2 960mA 23W 2Mt cable 2 Wires

GERE4030-850-H6-M12S

Flat dome light 40x30cm IR 850nm hole 60mm Opaline cover
1,44A 34W 20cm M12 5 poles cable+ start

GERE6060-6K-H6-M12

Flat dome light 60x60cm White 6000K hole 60mm Opaline cover
4,5A 107,5W 20cm M12 5 poles cable

Design & Production
Made in Italy



Genesi LUX®

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

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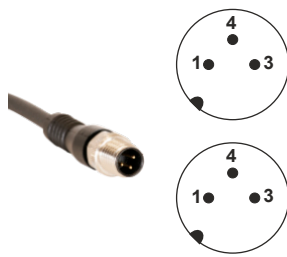


Organization with a
certified ISO 9001:2015
Quality Management System

Rev. 01/26

PIN OUT

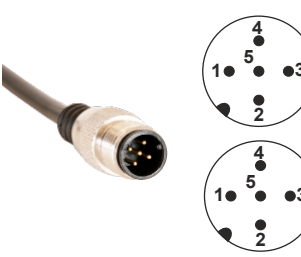
-M8 / -M8S



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

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

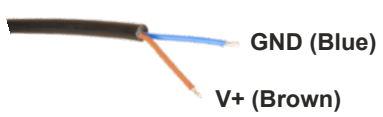
-M12 / -M12S



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

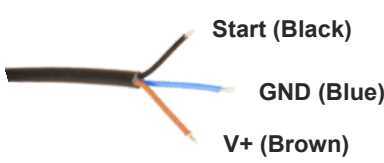
Under 4 A		Over 4 A	
M12S - Male 5 Poles		M12S - Male 5 Poles	
1	+24 V	1	+24 V
2	NC	2	+24 V
3	GND	3	GND
4	Start PNP	4	Start PNP
5	NC	5	GND

-5M / -10M



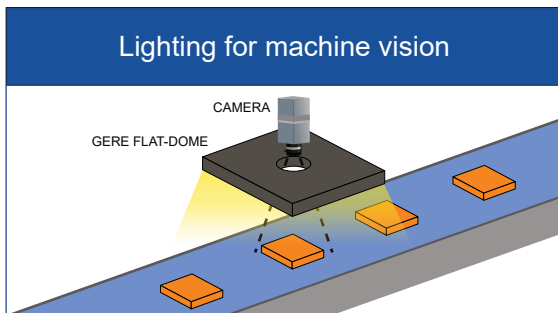
GND (Blue)
V+ (Brown)

-S / -5MS / -10MS



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

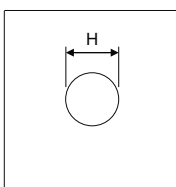
TYPICAL APPLICATIONS



MECHANICAL DRAWING

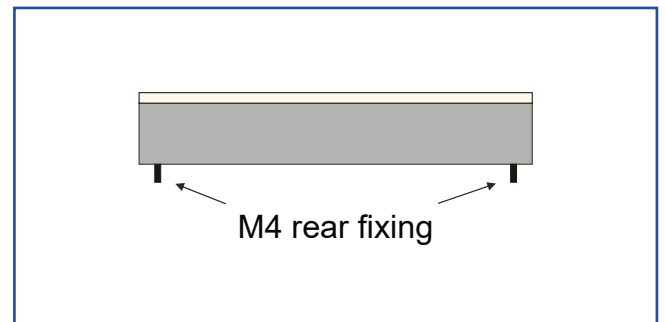
XXX	C
UP TO GERE2010	25
UP TO GERE2020	30
UP TO GERE6060	45
GEREAABB	XXX

CAMERA HOLE



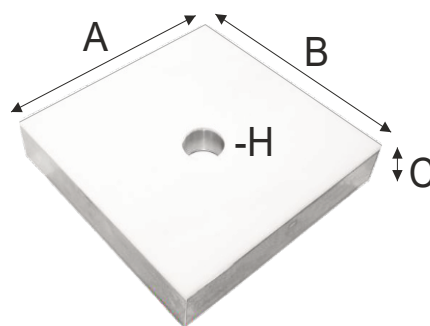
-HH	H
-H3	30
-H4	40
-H6	60
-H8	80
GEREAABB	XXX

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
GERE3030-6K-H3 GERE3030-6K-H4 GERE3030-6K-H6	300	300	45	24/vdc +/- 10%	960 mA	23,0 W
GERE4030-6K-H3 GERE4030-6K-H4 GERE4030-6K-H6	400	300	45		1440 mA	34,0 W
GERE4040-6K-H3 GERE4040-6K-H4 GERE4040-6K-H6	400	400	45		2000 mA	48,0 W
GERE5020-6K-H3 GERE5020-6K-H4 GERE5020-6K-H6	500	200	45		1120 mA	27,0 W
GERE5050-6K-H3 GERE5050-6K-H4 GERE5050-6K-H6	500	500	45		2880 mA	69,0 W
GERE6020-6K-H3 GERE6020-6K-H4 GERE6020-6K-H6	600	200	45		1440 mA	34,0 W
GERE6060-6K-H3 GERE6060-6K-H4 GERE6060-6K-H6	600	600	45		4480 mA	107,5 W
GERE8080-6K-H3 GERE8080-6K-H4 GERE8080-6K-H6	800	800	45		8000 mA	192,0 W
GEREXXX from 50 mm to 2000 mm						

LIGHT POWER TEST

GERE4040		GERE6060		GERE8080	
Working distance	Power W/m ²	Working distance	Power W/m ²	Working distance	Power W/m ²
20 cm	TBD	20 cm	TBD	20 cm	TBD
40 cm	TBD	40 cm	TBD	40 cm	TBD

Powers related to the white colour with homogeneity: ± 5%

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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DOWNLOAD

TECHNICAL SPECIFICATIONS

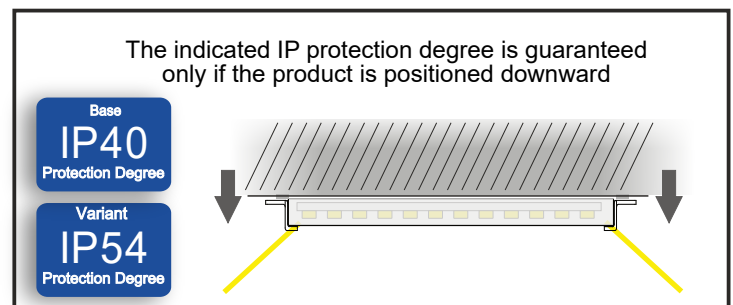
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REQUEST

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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Organization with a certified ISO 9001:2015 Quality Management System

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