



Develop
your custom
solution

14
Standard
Colours

Base
IP54
Protection Degree

Optional
Polarizing
Filter

24
Vdc

CE
RoHS

UK
CA

FC

Optional
IO-Link
External
controller

Illuminator Features :

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

COLOUR	WHITE		VISIBLE				NIR			SWIR				
Led Colour	White 6000K	White 4000K	Blue 450nm	Green 524nm	Red 625nm	Deep Red 660nm	IR 730nm	IR 850nm	IR 950nm	SWIR 1050nm	SWIR 1200nm	SWIR 1300nm	SWIR 1450nm	SWIR 1550nm
	-6K	-4K	-450	-524	-625	-660	-730	-850	-950	-1050	-1200	-1300	-1450	-1550

GEVA Part Number

Ex. Code : **GEV****XXX**-**YYY**-**CCC**-**WW1**-**WW2**

XXX	Base Lengths	-YYY	Led Colours		-CCC	Powers	-WW1	Cover variants	
GEVA09	9 cm	-6K	Base 6000K Cold White	White		Base 120 mA per led up to 200	-OP	Base Opaline cover	
GEVA18	18 cm	-4K	4000K Natural White			-20	20 mA per led	-T	Transparent frosted cover
GEVA25	25 cm	-RGB	RGB	Visible	-40	40 mA per led	-TP	Polarizing filter + Transparent cover	
GEVA34	34 cm	-450	450 nm Royal Blue			-85	85 mA per led	-OPP	Polarizing filter + Opaline cover
GEVA42	42 cm	-524	524 nm Green			-300	300 mA per led only strobe use	-WW1	Cover on demand
GEVA60	60 cm	-625	625 nm Red			-RA10	Analog reg 0-10V		
GEVA120	120 cm	-660	660 nm Deep Red	Nir	-RA24	Analog reg 0-24V			
GEVAXXX	from 9 cm to 200 cm on demand	-730	730 nm IR			-CC	Current Control		
		-850	850 nm IR			-CCC	Current on demand		
		-950	950 nm IR	Swir					
		-1050	1050 nm SWIR						
		-1200	1200 nm SWIR						
		-1300	1300 nm SWIR						
		-1450	1450 nm SWIR						
		-1550	1550 nm SWIR						
		-YYY	Colour 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

Up to 2 different colours in a single light

Not all combinations are available

Part Number Examples:

GEVA25-6K-OP

Bar light 25cm White 6000K Opaline cover 2300Lm 680mA 16,4W
2Mt cable 2 Wires

GEVA42-850-70-OP

Bar light 42cm IR 850nm Opaline cover 700 mA, 16 W 2Mt cable 2
Wires

GEVA140-524-OP

Bar light 140cm Green 524nm Opaline cover 3,84 A, 92 W 2Mt
cable 2 Wires

Design & Production
Made in Italy



Genesi LUX

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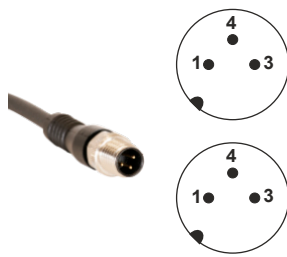


Organization with a
certified ISO 9001:2015
Quality Management System

Rev. 01/26

PIN OUT

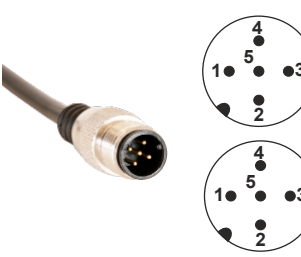
-M8 / -M8S



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

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

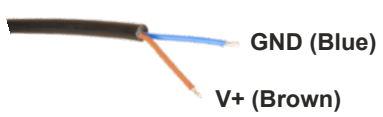
-M12 / -M12S



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

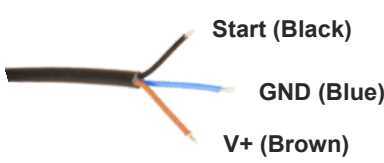
Under 4 A		Over 4 A	
M12S - Male 5 Poles		M12S - Male 5 Poles	
1	+24 V	1	+24 V
2	NC	2	+24 V
3	GND	3	GND
4	Start PNP	4	Start PNP
5	NC	5	GND

-5M / -10M



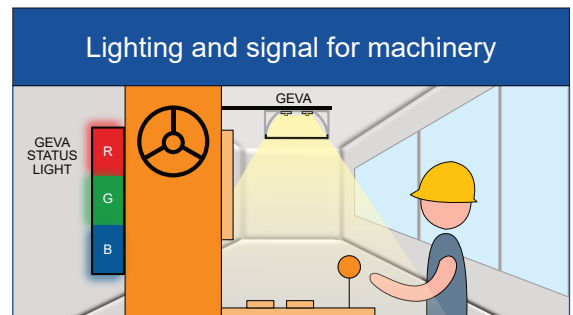
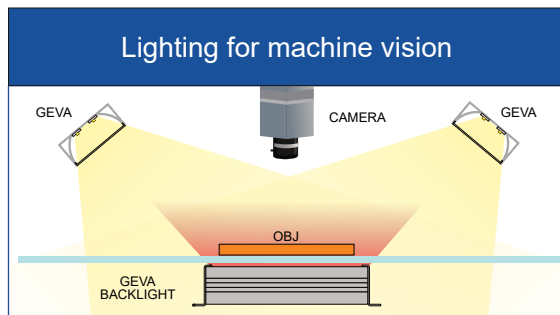
GND (Blue)
V+ (Brown)

-S / -5MS / -10MS

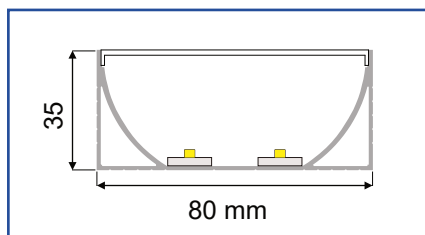


Start (Black)
GND (Blue)
V+ (Brown)

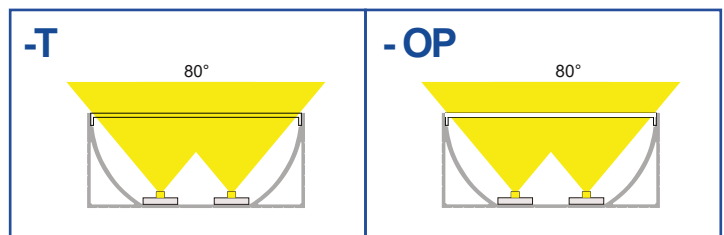
TYPICAL APPLICATIONS



MECHANICAL DRAWING

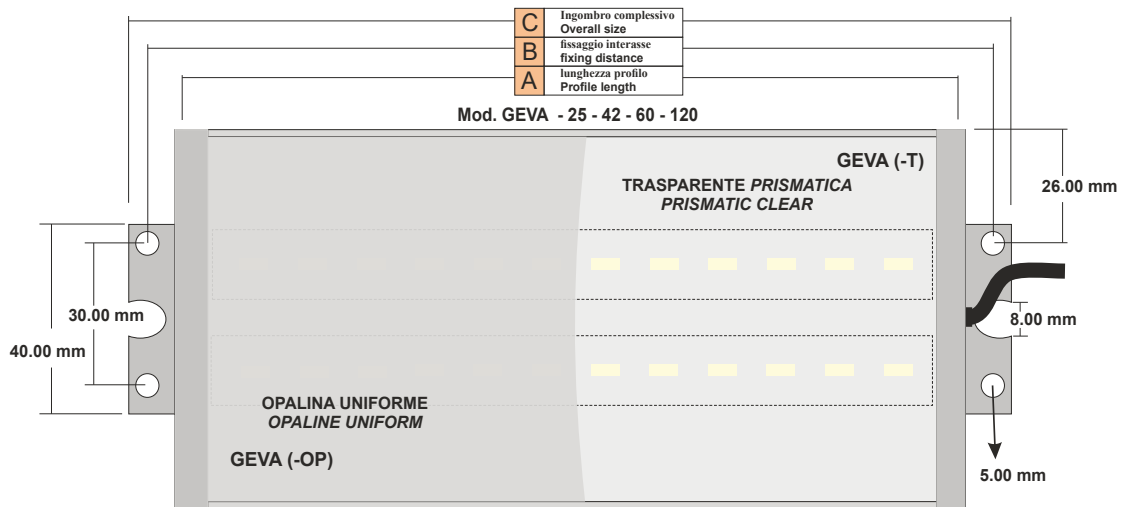


BEAM ANGLE



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
GEVA09-6K	90	106	114	24/vdc +/- 10%	230 mA	5,4 W
GEVA18-6K	177	193	201		460 mA	11,1 W
GEVA25-6K	247	263	271		680 mA	16,4 W
GEVA34-6K	340	356	364		910 mA	21,8 W
GEVA42-6K	420	436	444		1140 mA	27,4 W
GEVA60-6K	591	607	615		1590 mA	38,2 W
GEVA120-6K	1191	1207	1215		3180 mA	76,5 W
GEVAXXX from 90 mm to 2000 mm						

LIGHT POWER TEST

GEVA25-6K-OP	
Working Distance	Power W/m ²
20 cm	TBD
40 cm	TBD
100 cm	TBD

-OP (backlight function)	
Working Distance	Luminance cd/m ²
On surface	TBD

Tailor-Made

Connector	PINS	Function	Description
	1		
	2		
	3		
	4		
	5		

DEVELOP YOUR CUSTOM PRODUCT WITH OUR R&D TEAM



NEW SOLUTION

DESIGN A NEW ONE

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SAMPLE

TEST THE PRODUCT

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DOWNLOAD

TECHNICAL SPECIFICATIONS

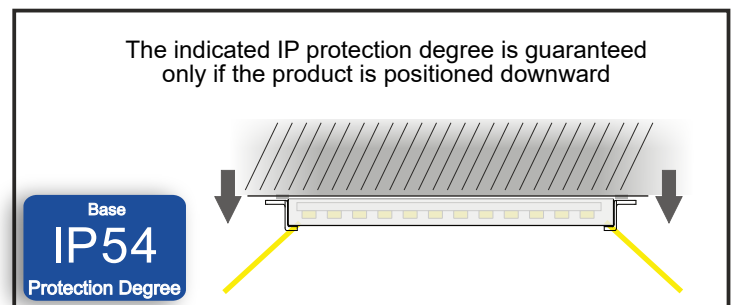
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THE PRICE LIST

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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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