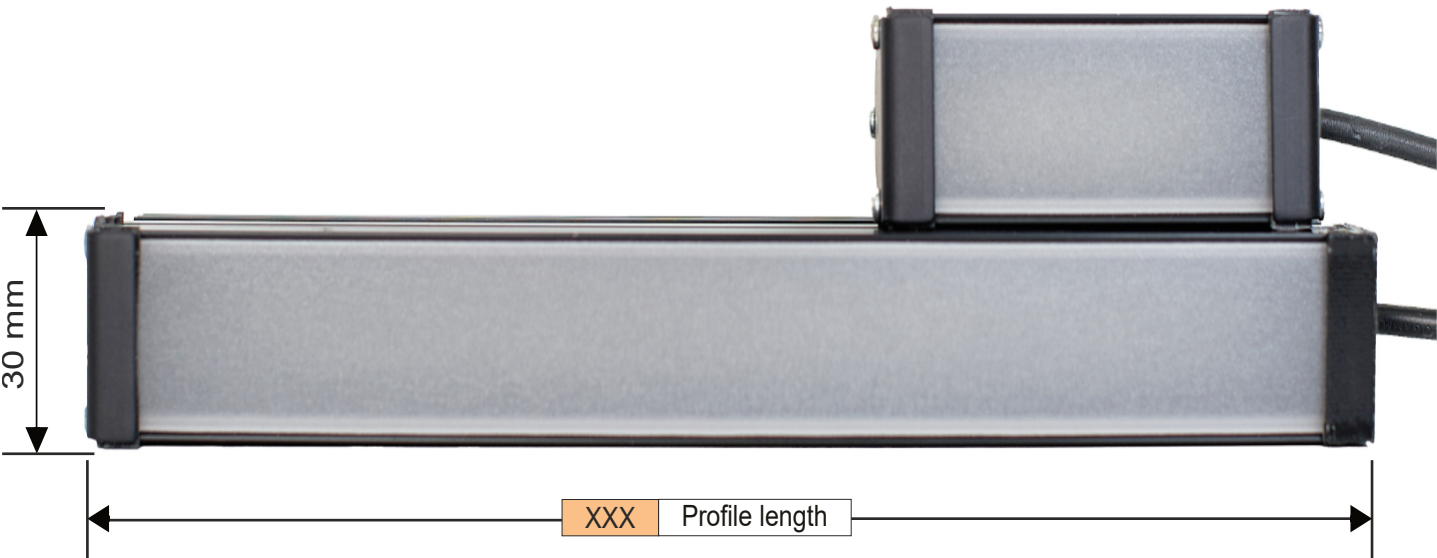




Develop your custom solution

Over 18 Standard Colours

Base IP54 Protection Degree

Variant IP65 Protection Degree

24 Vdc

Optional Collimating Filter

CE RoHS

UK CA

Illuminator Features :

- Project achieved by internal resources and Genesi skills;
- Model with satin,semi-opaline black or opaline covers;

COLOUR	WHITE		UV-A				VISIBLE				NIR			SWIR					
Led Colour	White 6000K -6K	White 4000K -4K	UV 365nm -365	UV 385nm -385	UV 395nm -395	UV 405nm -405	Blue 450nm -450	Green 524nm -524	Red 625nm -625	Deep Red 660nm -660	IR 730nm -730	IR 850nm -850	IR 950nm -950	SWIR 1050nm -1050	SWIR 1200nm -1200	SWIR 1300nm -1300	SWIR 1450nm -1450	SWIR 1550nm -1550	SWIR 1650nm -1650

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

XXX	Base Lengths
GEVXB06	6 cm
GEVXB10	10 cm
GEVXB16	16 cm
GEVXB20	20 cm
GEVXB28	28 cm
GEVXB34	34 cm
GEVXB42	42 cm
GEVXB50	50 cm
GEVXB100	100 cm
GEVXB200	200 cm
GEVXBXXX	from 3 cm to 600 cm on demand

-YYY	Led Colours	EN 62471
-6K	Base 6000K Cold White	White RISK1
-4K	4000K Natural White	
-365	UV 365 nm	UV - A RISK3
-385	UV 385 nm	
-395	UV 395 nm	
-405	UV 405 nm	
-RGB	RGB	Visible RISK1
-450	450 nm Royal Blue	
-524	524 nm Green	
-625	625 nm Red	
-660	660 nm Deep Red	Nir RISK2
-730	730 nm IR	
-850	850 nm IR	
-950	950 nm IR	
-1050	1050 nm SWIR	Swir RISK2
-1200	1200 nm SWIR	
-1300	1300 nm SWIR	
-1450	1450 nm SWIR	
-1550	1550 nm SWIR	
-1650	1650 nm SWIR	
-YYY	Colour on demand	

-CCC	Powers
UD	70 mA per led ULTRA DENSITY
HD	85 mA per led HIGH DENSITY
XD	300 mA per led POWER LED
YD	2A per LED ONLY STROBE USE
-CCC	Current on demand

-WW1	Cover variants
	Base satin cover
-OP	Opaline cover
-OPB	Semi-opaline black cover
-IP65	Satin cover + 3M - IP65
-OPC	Collimating filter + Opaline cover
-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

Up to 2 different colours in a single light

Not all combinations are available

Part Number Examples:

GEVXB20-6K-UD

Power backlight 20 cm White 6000K satin cover -UD CS GE411 70mA per led 2000Lm 560mA 13,4W 2Mt cable 2 Wires

GEVXB140-850-70

Power backlight 140 cm led IR 850nm satin cover SC GE366 2,38 A 57W 2Mt cable 2 Wires

GEVXB350-625-500-IP65

Power backlight 350cm led RED 625nm satin cover CS GE490 10,5 A 252W IP65 2Mt 2 cables 2 Wires

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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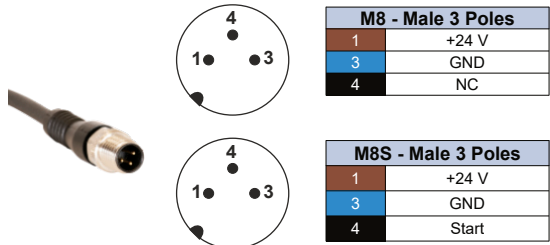


Organization with a
certified ISO 9001:2015
Quality Management System

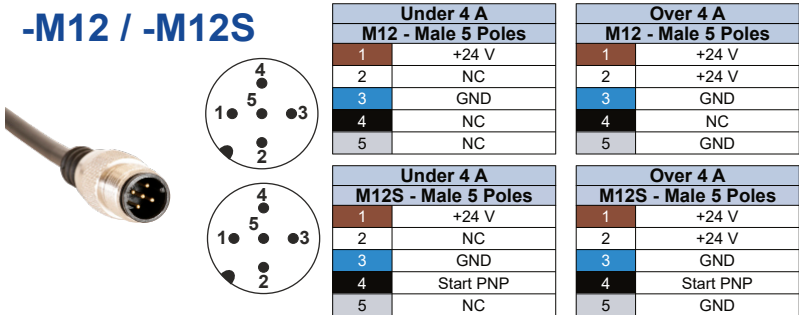
Rev. 02/25

PIN OUT

-M8 / -M8S



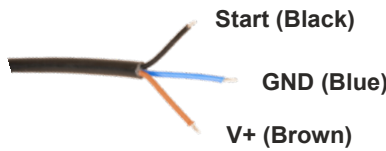
-M12 / -M12S



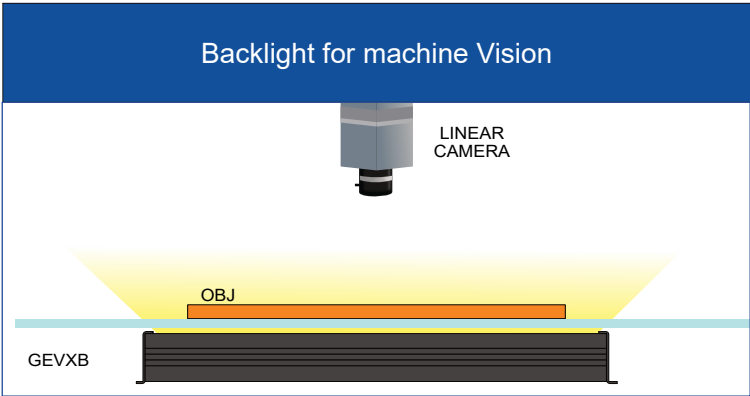
-5M / -10M



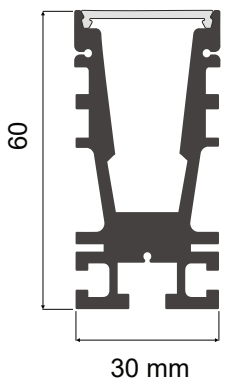
-S / -5MS / -10MS



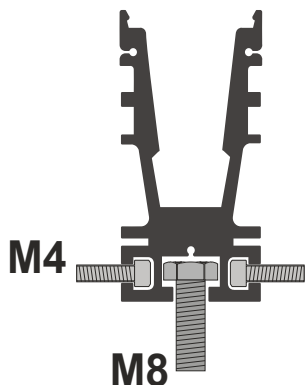
TYPICAL APPLICATIONS



MECHANICAL DRAWING

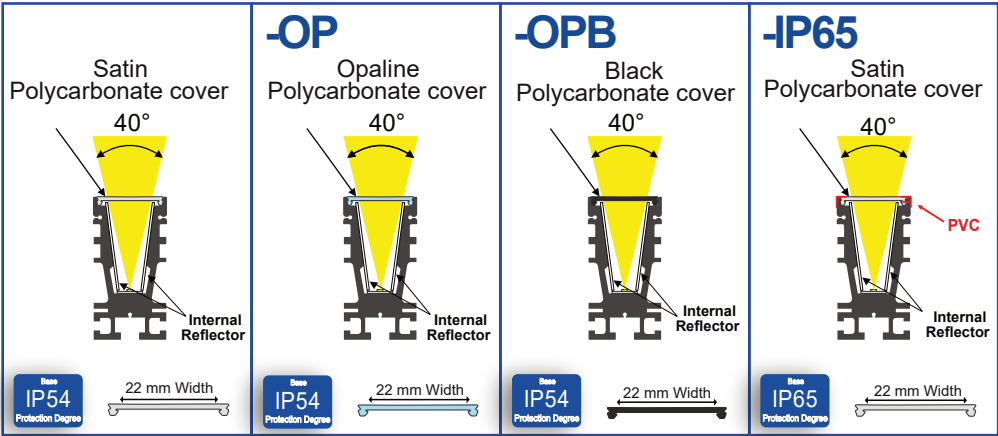


FIXING



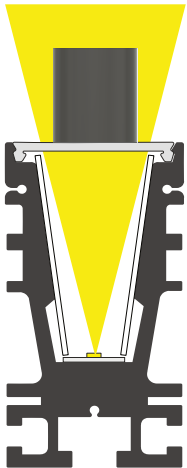
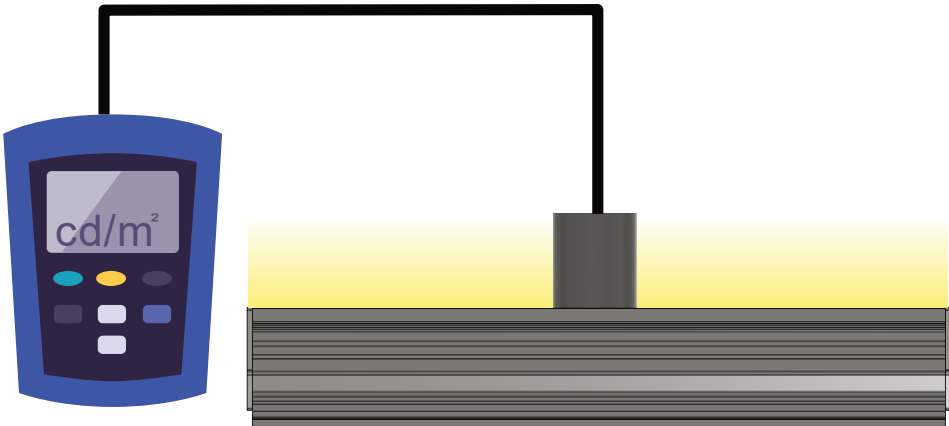
For 3D mechanical drawing requests - info@genesi-lux.it

BEAM ANGLES AND COVERS



LIGHT PROJECTION

GEVXB34-6K-UD-M12		GEVXB34-6K-UD-OP-M12		GEVXB34-6K-UD-OPB-M12	
Working Distance	Luminance cd/m² Continuous Use	Working Distance	Luminance cd/m² Continuous Use	Working Distance	Luminance cd/m² Continuous Use
On Surface	100.000	On Surface	65.000	On Surface	25.000



Tailor-Made

Connector	PINS	Function	Description
	1		
	2		
	3		
	4		
	5		

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TECHNICAL SPECIFICATIONS
www.genesi-elettronica.com



REQUEST

THE PRICE LIST
info@genesi-lux.it

Base

IP54

Protection Degree

Variant

IP65

Protection Degree

The indicated IP protection degree is guaranteed only if the product is positioned downward

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

Rev. 02/25