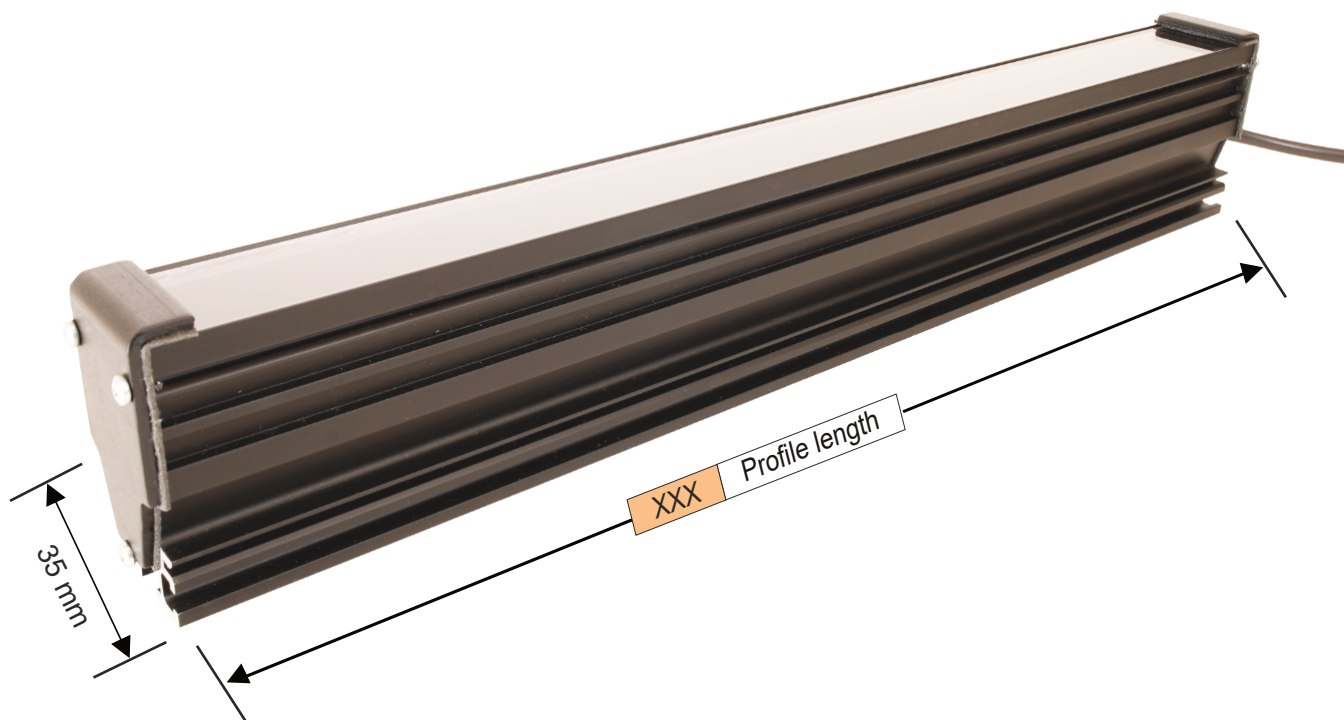


### FROM 1 TO 4 CHANNELS IN A SINGLE BAR



Develop  
your custom  
solution

Over  
**18**  
Standard  
Colours

Base  
**IP54**  
Protection Degree

Variant  
**IP65**  
Protection Degree

**24**  
Vdc

CE  
RoHS

UK  
CA

FC

**Illuminator Features :**

- Project achieved by internal resources and Genesi skills;
- Model with 5° Lenses or transparent, satin and opaline covers;

COLOUR	WHITE		UV-A				VISIBLE				NIR			SWIR						
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	SWIR 1050nm	SWIR 1200nm	SWIR 1300nm	SWIR 1450nm	SWIR 1550nm	SWIR 1650nm	SWIR 1900nm
	-6K	-4K	-365	-385	-395	-405	-450	-524	-625	-660	-730	-850	-950	-1050	-1200	-1300	-1450	-1550	-1650	-1900



**Genesi LUX®**  
 GENESI ELETTRONICA SRL - VIA BACHELET, 3/A - 41057 SPILAMBERTO (MO) - ITALY  
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Rev. 01/26

# GEVXD Part Number

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

XXX	Base Lengths	-YYY	Led Colours	EN 62471	-CCC	Powers	-WW1	Cover variants
GEVXD20	20 cm	-6K	Base 6000K Cold White	White	RISK1	Base 1 A per LED	-L	Base 5° lens for linear camera
GEVXD36	36 cm	-4K	4000K Natural White					
GEVXD52	52 cm	-36	UV 365 nm	UV - A	RISK3	Current on demand (0-4 A)	-M	Base transparent cover for matrix camera
GEVXD84	84 cm	-38	UV 385 nm					
GEVXDXXX	from 20 cm to 600 cm on demand	-39	UV 395 nm					
		-40	UV 405 nm					
		-45	450 nm Royal Blue	Visible	RISK1	-WW1	Cover on demand	
		-52	524 nm Green					
		-62	625 nm Red					
		-66	660 nm Deep Red					
		-7	730 nm IR	Nir	RISK2	-WW2	Cables	
		-8	850 nm IR					
		-9	950 nm IR					
		-10	1050 nm SWIR	Swir	RISK2	-70N	70cm PVC cable + Mate-N-LOK 6P M	
		-11	1140 nm SWIR					
		-12	1200 nm SWIR					
		-13	1300 nm SWIR					
		-14	1450 nm SWIR					
		-15	1550 nm SWIR					
		-16	1650 nm SWIR					
		-19	1900 nm SWIR					
		-YYY	Colour on demand			-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:

### GEVXD20-12131415-1A-L

Power bar 4 channels 20cm SWIR 20cm 1200-1300-1450-1550nm  
5° Lens cover 1,2A 29W 20cm cable M12 8P M + 4 logic start

### GEVXD52-6K1313-1A-L

Power bar 3 channels 52cm VIS-SWIR 6000K-1300-1300nm  
5° Lens cover 3,6A 86W 20cm cable M12 5P M + 2 logic start

### GEVXD180-1515-1A-L

Power bar 2 channels 180cm 1550-1550nm 5° Lens cover 6,48A  
155W 20cm cable M12 5P M + 2 logic start

Design & Production  
Made in Italy



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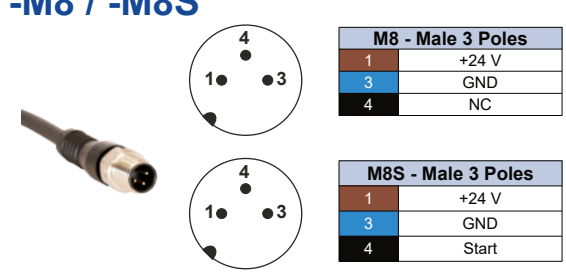


Organization with a  
certified ISO 9001:2015  
Quality Management System

Rev. 01/26

# PIN OUT

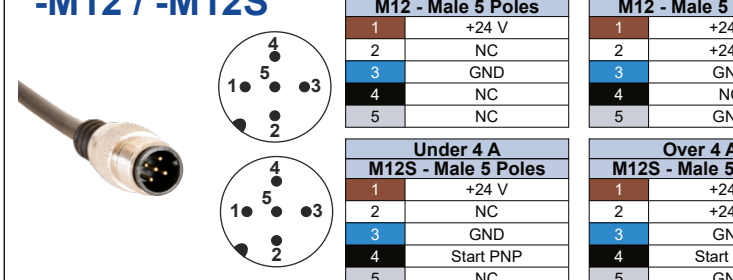
### -M8 / -M8S



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

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

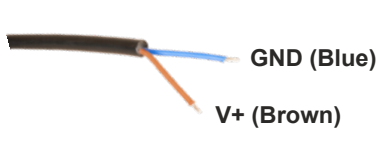
### -M12 / -M12S



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

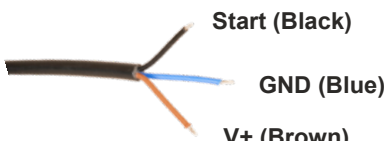
Under 4 A		Over 4 A	
M12S - Male 5 Poles		M12S - Male 5 Poles	
1	+24 V	1	+24 V
2	NC	2	+24 V
3	GND	3	GND
4	Start PNP	4	Start PNP
5	NC	5	GND

### -5M / -10M



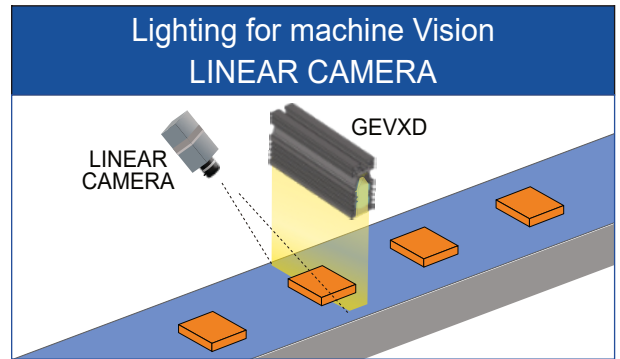
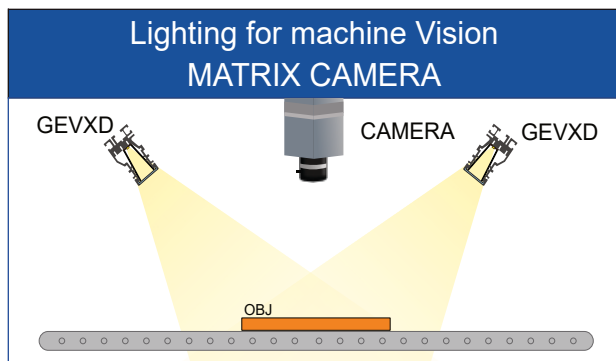
GND (Blue)  
V+ (Brown)

### -S / -5MS / -10MS

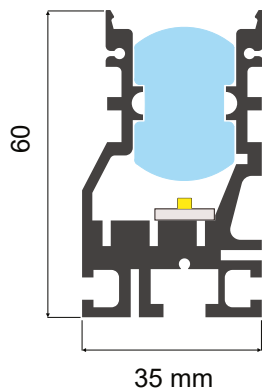


Start (Black)  
GND (Blue)  
V+ (Brown)

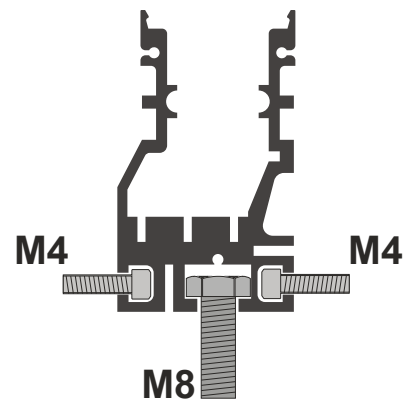
## TYPICAL APPLICATIONS



## MECHANICAL DRAWING

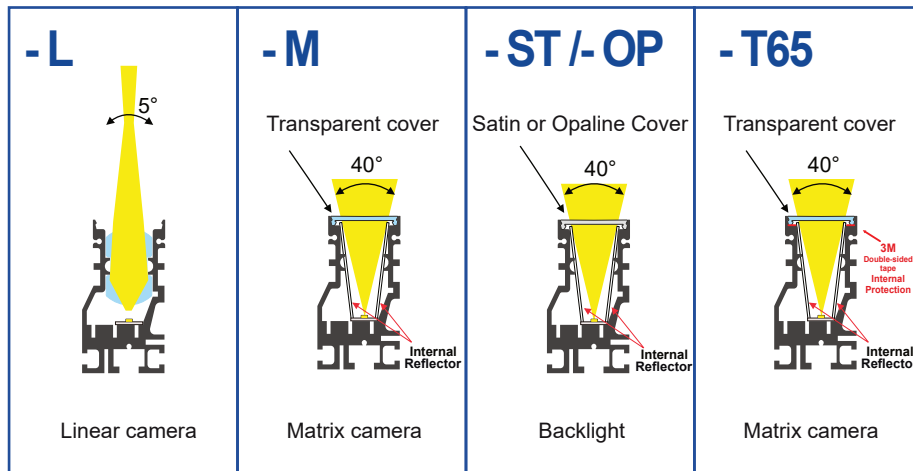


## FIXING

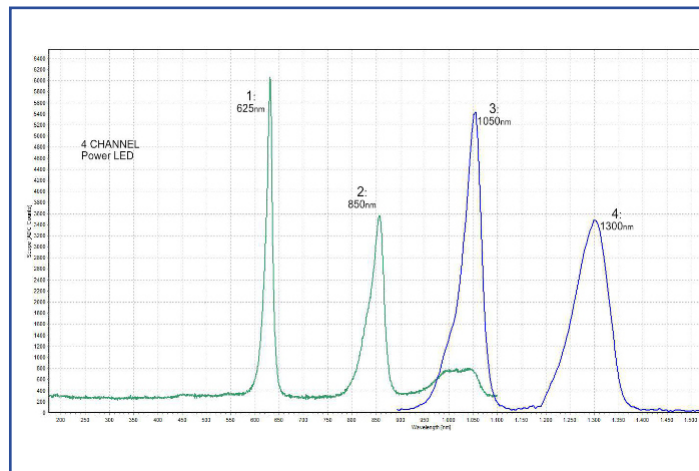


For 3D mechanical drawing requests - [info@genesi-lux.it](mailto:info@genesi-lux.it)

## BEAM ANGLES AND COVERS



## WAVELENGTHS EXAMPLE



## Tailor-Made

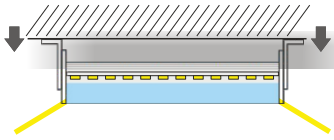
Connector	PINS	Function	Description
	1		
	2		
	3		
	4		
	5		

## DEVELOP YOUR CUSTOM PRODUCT WITH OUR R&D TEAM

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

Base  
**IP54**  
Protection Degree

Variant  
**IP65**  
Protection Degree





### NEW SOLUTION

DESIGN A NEW ONE

[info@genesi-lux.it](mailto:info@genesi-lux.it)



### SAMPLE

TEST THE PRODUCT

[info@genesi-lux.it](mailto:info@genesi-lux.it)



### DOWNLOAD

TECHNICAL SPECIFICATIONS

[www.genesi-elettronica.com](http://www.genesi-elettronica.com)



### REQUEST

THE PRICE LIST

[info@genesi-lux.it](mailto:info@genesi-lux.it)

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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