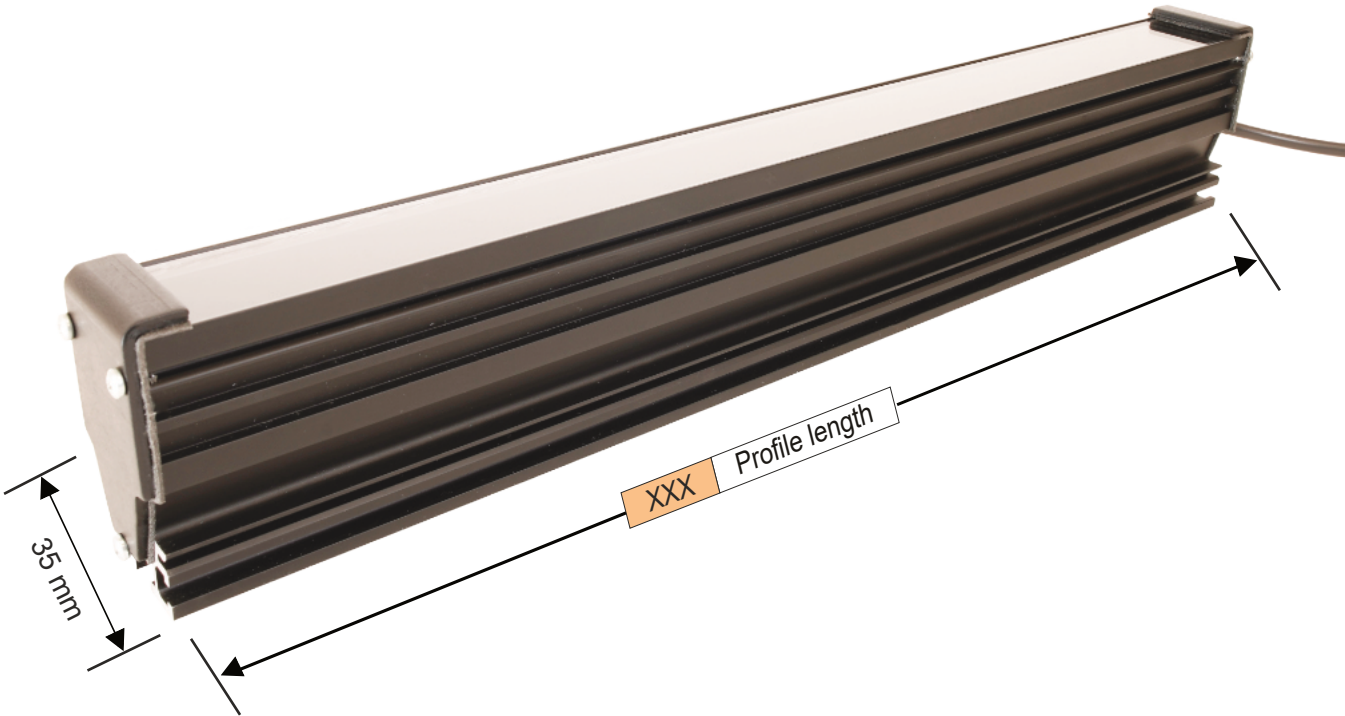


FROM 1 TO 4 CHANNELS IN A SINGLE LAMP



Develop your custom solution

Over 18 Standard Colours

Base IP54 Protection Degree

Variant IP65 Protection Degree

24 Vdc

Optional Polarizing Filter

CE RoHS

UK CA

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

GEVXD Part Number

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

XXX	Base Lengths
GEVXD20	20 cm
GEVXD36	36 cm
GEVXD52	52 cm
GEVXD84	84 cm
GEVXDXXX	from 20 cm to 600 cm on demand

-YYY	Led Colours	EN 62471
-6K	Base 6000K Cold White	White RISK1
-4K	4000K Natural White	
-36	UV 365 nm	UV - A RISK3
-38	UV 385 nm	
-39	UV 395 nm	
-40	UV 405 nm	
-45	450 nm Royal Blue	Visible RISK1
-52	524 nm Green	
-62	625 nm Red	
-66	660 nm Deep Red	
-7	730 nm IR	Nir RISK2
-8	850 nm IR	
-9	950 nm IR	Swir RISK2
-10	1050 nm SWIR	
-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	

-CCC	Powers
	Base 1 A per LED
-CCC	Current on demand (0-4 A)

-WW1	Cover variants
-L	Base 5° lens for linear camera
-M	Base transparent cover for matrix camera
-ST	Satin cover for backlight use
-OP	Opaline cover for backlight use
-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:

GEVXD20-12131415-1A-L

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

GEVXD52-6K1013-1A-L

Power bar 3 channels 52cm VIS-SWIR 6000K-1050-1300nm Lens
5°cover 3,6A 86W 20cm cable M12 5P M + 2 logic start

GEVXD180-1215-1A-L

Power bar 2 channels 180cm 1200-1550nm Lens 5° cover 6,48A
155W 20cm cable M12 5P M + 2 logic start

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. 01/25

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)

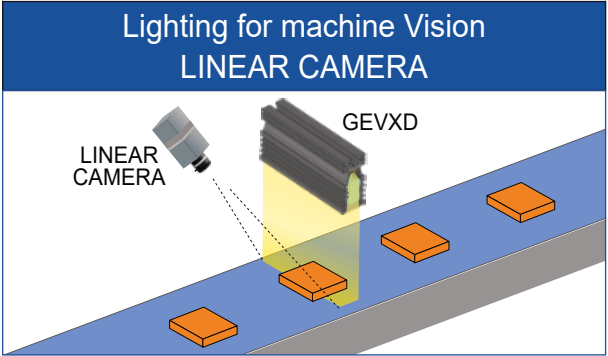
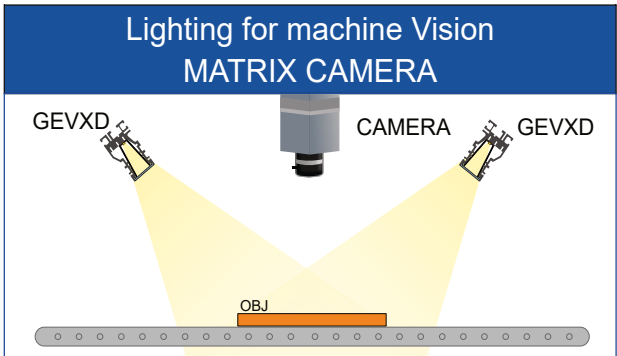
-S / -5MS / -10MS

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

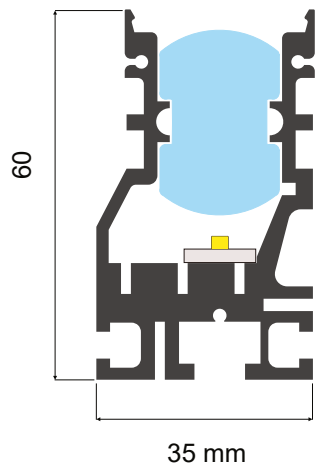
70N

70N - Male 6 poles	
1	+ 24 V
2	Start color 1
3	Start color 2
4	Start color 3
5	GND

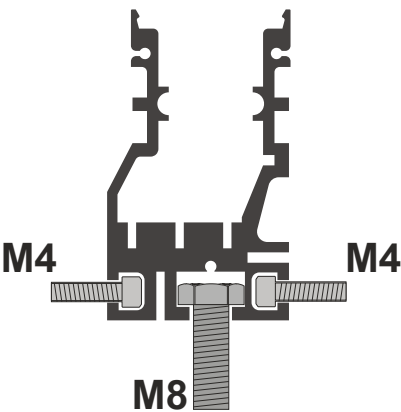
TYPICAL APPLICATIONS



MECHANICAL DRAWING



FIXING



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

Design & Production
Made in Italy



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BEAM ANGLES AND COVERS

- L

Linear camera

- M

Transparent cover

40°

Internal Reflector

Matrix camera

- ST /- OP

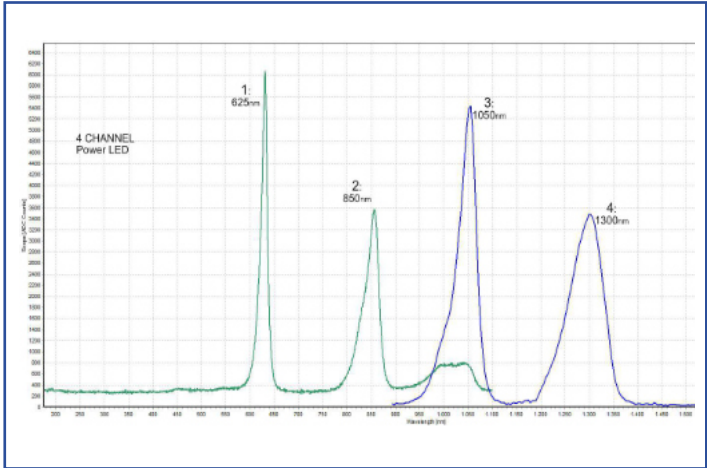
Satin or Opaline Cover

40°

Internal Reflector

Backlight

WAVELENGTHS EXAMPLE

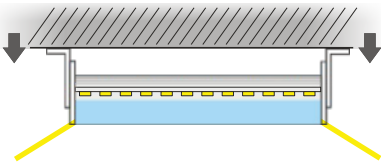


Tailor-Made

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



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STANDARDS		
EMC immunity :	EN 61547:2009	
EMC emission :	EN 55015:2013 + A1	
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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