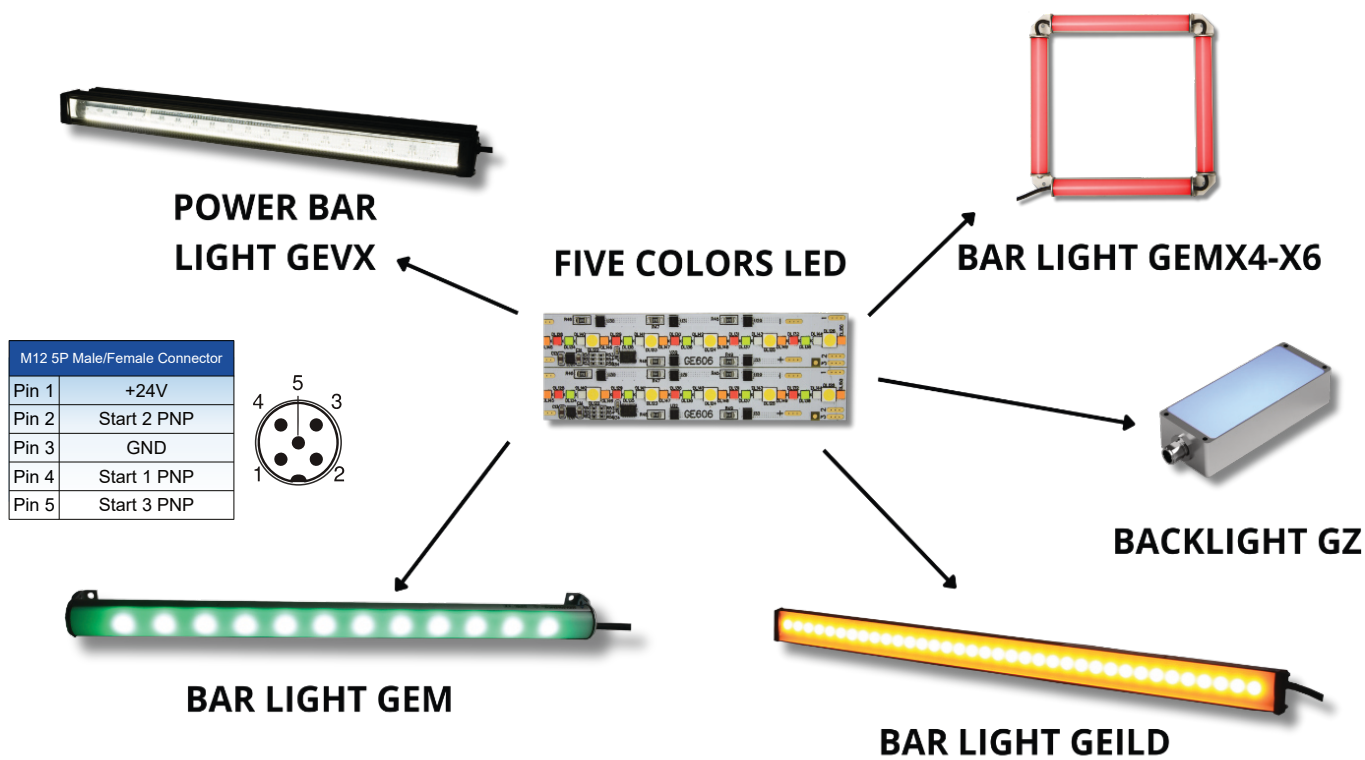


FIVE COLORS LINE



develop
your custom
solution

24
Vdc

CE

UK
CA

Optional
IO-Link
External
controller

Illuminator Features:

- Machine signaling and lighting with 5 colors high intensity light in a single illuminator;
- Daisy chain power up to 3.2 m;
- Continuous or Strobe use for multicolor vision application;
- 10µs minimum pulse for high speed machine vision system.

CONTINUOUS USE STROBE USE

FIVE COLORS INPUT COMBINATIONS			
Start 1 PNP	Start 2 PNP	Start 3 PNP	LED Color
ON	-	-	Cold White
-	ON	-	Red
-	-	ON	Green
ON	ON	-	Blue
ON	-	ON	Yellow/Amber
-	-	-	Light Off

Five Colors Part Number

Ex. Code : **MODELXXX** **-RGBYW** **-CCC** **-WW1** **-WW2** **-WW3**

XXX	Base lengths	
GEILDXXX	From 10 to 200 cm	
XXX	Base lengths	
GEMXXX	From 20 to 290 cm	
GEMX4-XXX	From 9 to 25 cm	
GEMX6-XXX	From 9 to 25 cm	
XXX	Base lengths	
GEVXXXX	From 20 to 200 cm	
XXX	Lengths	Heights
GZXXX	30 cm	45 cm
	30 cm	90 cm
	30 cm	180 cm
	60 cm	90 cm
	60 cm	180 cm
	90 cm	180 cm
	120 cm	135 cm
	180 cm	180 cm
MODELXXX	Dimensions on demand	

-CCC	Powers
	Base 100 mA per led
	Base GEVX 180 mA per led
	Base GZ 60 mA per led
-CCC	Current on demand

-WW1	Cover variants
	Cover configurator is reported below

-WW2	Fixing variants (GEILD only)
	Base fixing
-FC	Short fixing
-FS	Rear fixing

-WW3	Cables
-1	20 cm cable M12 5P M 3 logic start
-2	20 cm cable M12 5P M+F 3 logic start
-WW3	Supply connection on demand

COVER VARIANTS

-WW1	GEILD
-T	Base Transparent matte cover
-ST	Base Satin cover
-OP	Opaline cover
-OPB	Semi Opaline black cover
-WW1	Cover on demand

-WW1	GEM
-T	Base Transparent cover
-OP	Base Opaline cover
-L10	10° Lens
-L25	25° Lens
-WW1	Cover on demand

-WW1	GEMX4-X6
-T	Base Transparent cover
-OP	Base Opaline cover
-L10	10° Lens
-L25	25° Lens
-WW1	Cover on demand

-WW1	GEVX
	Base 5° Lens cover
-ML	12° ML 4° - 45° + transparent cover
-IP65	Transparent cover - IP65
-WW1	Cover on demand

-WW1	GZ
	Base Opaline cover
-ST	Satin cover
-T	Transparent cover
-WW1	Cover on demand

GEILD FIVE COLORS

CALUS
E545377 Class 2

Base
IP65
Protection Degree

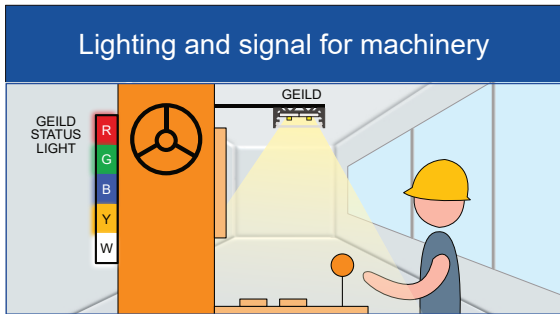
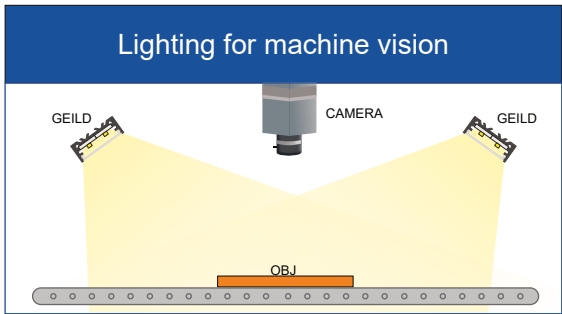


Daisy chain power up to 3.2 m

MODELS

	Code	Description
Base model	GEILD10-RGBYW-T-2	bar light 10 cm 6 led x 5 colors single color use Transparent cover 100mA 2,4W 20cm cable M12 5P M+F 3 logic start UL
Base model	GEILD20-RGBYW-ST-2	bar light 20 cm 12 led x 5 colors single color use Satin PC cover 200mA 5W 20cm cable M12 5P M+F 3 logic start UL
Base model	GEILD28-RGBYW-T-2	bar light 28 cm 18 led x 5 colors single color use Transparent cover 300mA 7,2W 20cm cable M12 5P M+F 3 logic start UL
Base model	GEILD34-RGBYW-ST-2	bar light 34 cm 24 led x 5 colors single color use Satin PC cover 400mA 10W 20cm cable M12 5P M+F 3 logic start UL
Base model	GEILD42-RGBYW-T-2	bar light 42 cm 30 led x 5 colors single color use Transparent cover 500mA 12W 20cm cable M12 5P M+F 3 logic start UL
Base model	GEILD50-RGBYW-ST-2	bar light 50 cm 36 led x 5 colors single color use Satin PC cover 600mA 14,4W 20cm cable M12 5P M+F 3 logic start UL
Base model	GEILD60-RGBYW-T-2	bar light 60 cm 42 led x 5 colors single color use Transparent cover 700mA 17W 20cm cable M12 5P M+F 3 logic start UL
Base model	GEILD100-RGBYW-ST-2	bar light 100 cm 72 led x 5 colors single color use Satin PC cover 1200mA 29W 20cm cable M12 5P M+F 3 logic start UL
Base model	GEILD200-RGBYW-T-2	bar light 200 cm 144 led x 5 colors single color use Transparent cover 2400mA 58W 20cm cable M12 5P M+F 3 logic start UL
Tailor Made	GEILDXXX-RGBYW-CCC-WW1-WW2-WW3	Choose the dimension and the wavelength of the light

TYPICAL APPLICATIONS



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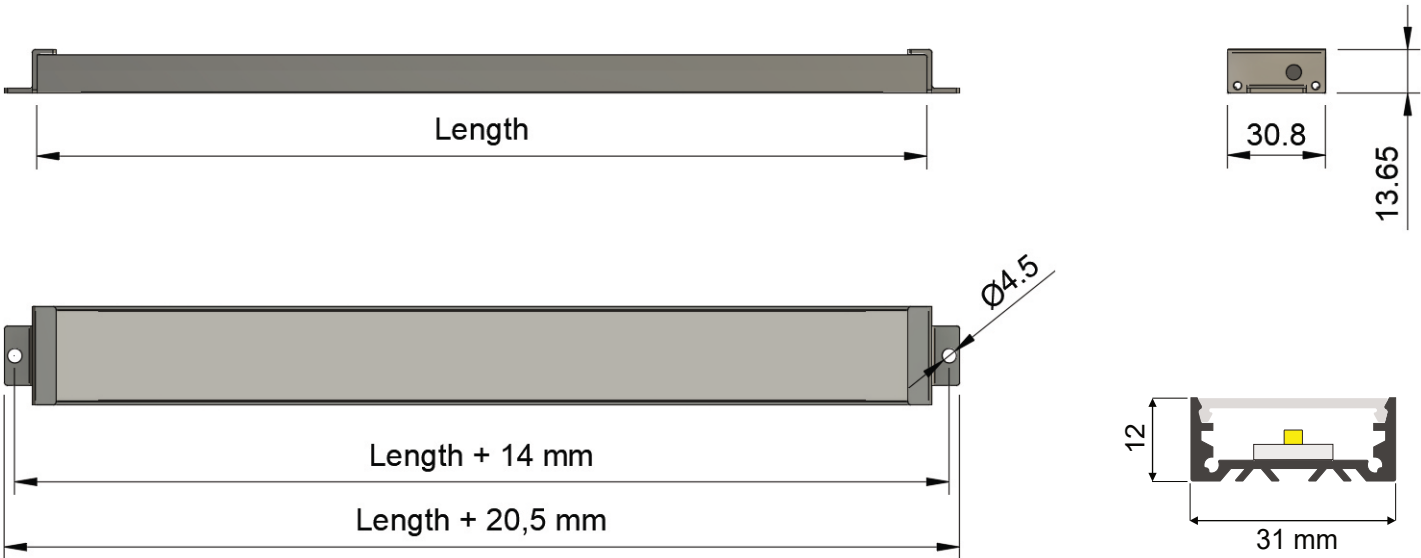
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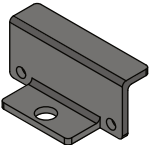
Rev. 01/25

MECHANICAL DRAWING

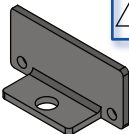


FIXING

**FIXING INCLUDED
ON BASE
MODELS**

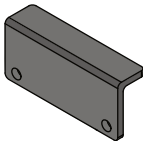


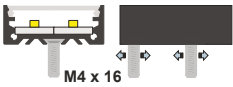
**SHORT FIXING
-FC**



IP54
Protection
Degree

**REAR FIXING
-FS**





M4 x 16

GEM FIVE COLORS

C[®]UL[®] US
E545377 Class 2

Base
IP65
Protection Degree

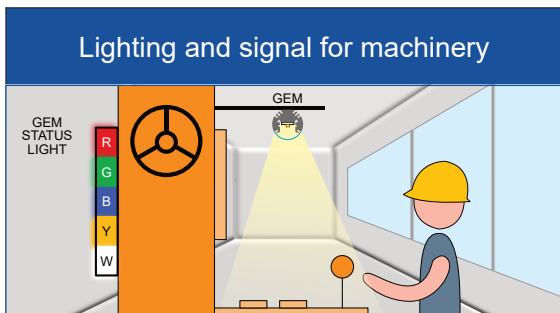
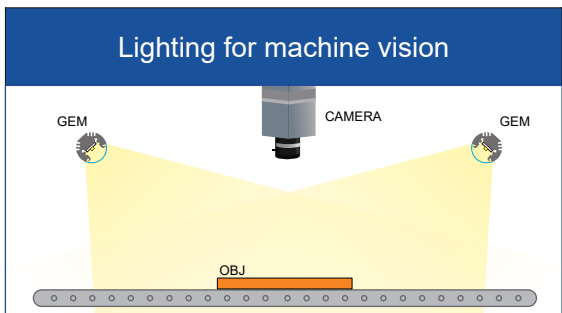


Daisy chain power up to 3.2 m

MODELS

	Code	Description
Base model	GEM20-RGBYW-T-2	bar light 20 cm 12 led x 5 colors single color use Transparent cover 200mA 5W 20cm cable M12 5P M+F 3 logic start UL
Base model	GEM28-RGBYW-OP-2	bar light 28 cm 18 led x 5 colors single color use Opaline cover 300mA 7,2W 20cm cable M12 5P M+F 3 logic start UL
Base model	GEM34-RGBYW-T-2	bar light 34 cm 24 led x 5 colors single color use Transparent cover 400mA 10W 20cm cable M12 5P M+F 3 logic start UL
Base model	GEM42-RGBYW-OP-2	bar light 42 cm 30 led x 5 colors single color use Opaline cover 500mA 12W 20cm cable M12 5P M+F 3 logic start UL
Base model	GEM50-RGBYW-T-2	bar light 50 cm 36 led x 5 colors single color use Transparent cover 600mA 14,4W 20cm cable M12 5P M+F 3 logic start UL
Base model	GEM60-RGBYW-OP-2	bar light 60 cm 42 led x 5 colors single color use Opaline cover 700mA 17W 20cm cable M12 5P M+F 3 logic start UL
Base model	GEM100-RGBYW-T-2	bar light 100 cm 72 led x 5 colors single color use Transparent cover 1200mA 29W 20cm cable M12 5P M+F 3 logic start UL
Base model	GEM200-RGBYW-OP-2	bar light 200 cm 144 led x 5 colors single color use Opaline cover 2400mA 58W 20cm cable M12 5P M+F 3 logic start UL
Tailor Made	GEMXXX-RGBYW-CCC-WW1-WW2-WW3	Choose the dimension and the wavelength of the light

TYPICAL APPLICATIONS



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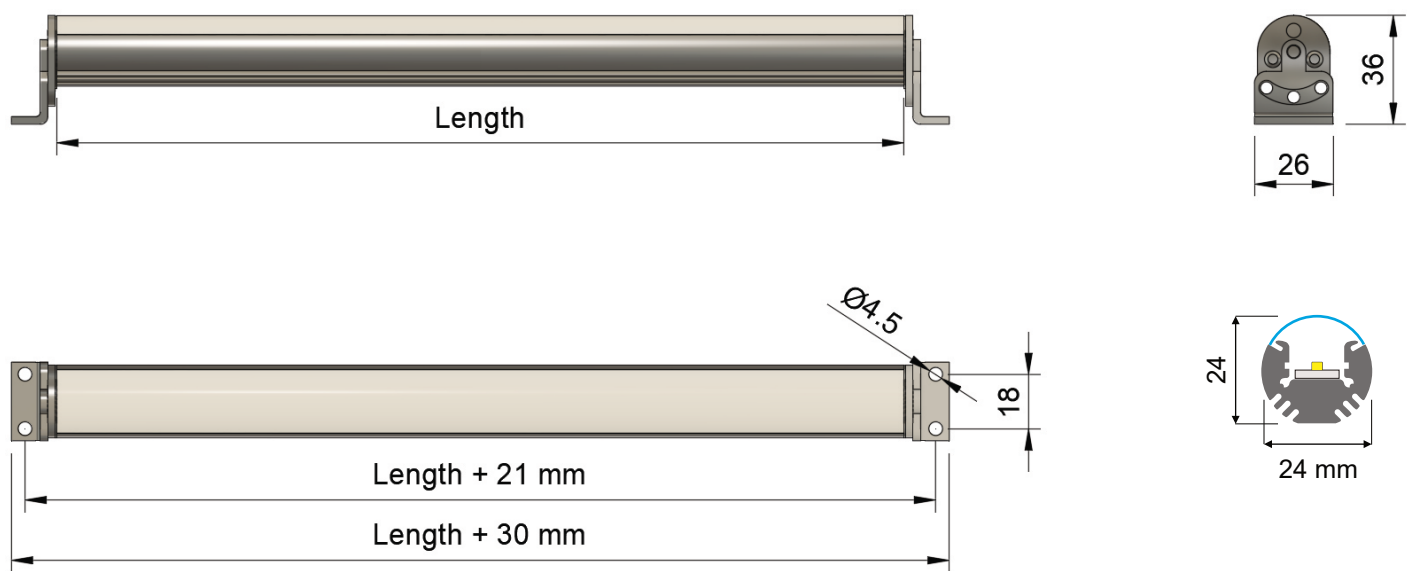


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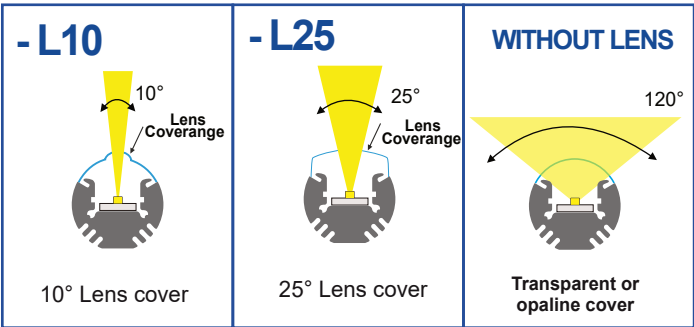
MECHANICAL DRAWING



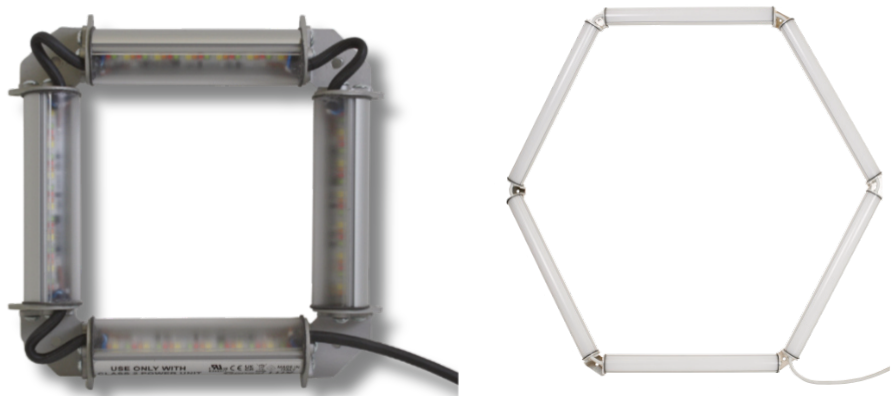
160° ROTATING FASTENERS INCLUDED



BEAM ANGLES



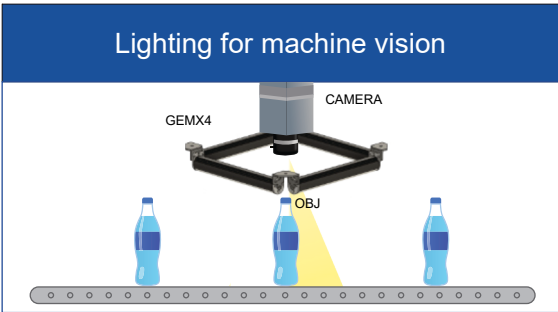
GEMX4-X6 FIVE COLORS



MODELS

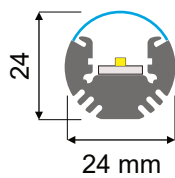
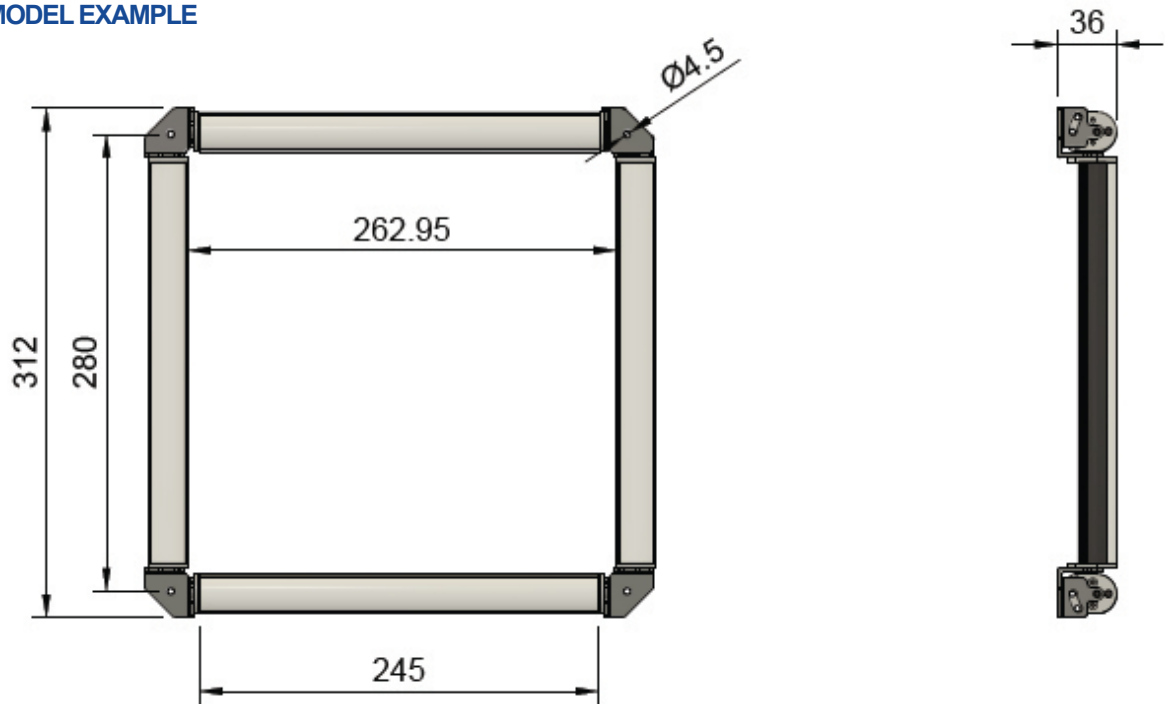
	Code	Description
Base model	GEMX4-09-RGBYW-T-1	bar light square composition 09 cm 24 led x 5 colors single color use Transparent cover 400mA 10W 20cm cable M12 5P M 3 logic start UL
Base model	GEMX4-18-RGBYW-OP-1	bar light square composition 18 cm 24 led x 5 colors single color use Opaline cover 800mA 20W 20cm cable M12 5P M 3 logic start UL
Base model	GEMX4-25-RGBYW-T-1	bar light square composition 25 cm 72 led x 5 colors single color use Transparent cover 1,2A 30W 20cm cable M12 5P M 3 logic start UL
Base model	GEMX6-09-RGBYW-OP-1	bar light Hexagonal composition 09 cm 36 led x 5 colors single color use Opaline cover 600mA 15W 20cm cable M12 5P M 3 logic start UL
Base model	GEMX6-18-RGBYW-T-1	bar light Hexagonal composition 18 cm 72 led x 5 colors single color use Transparent cover 1,2A 30W 20cm cable M12 5P M 3 logic start UL
Base model	GEMX6-25-RGBYW-OP-1	bar light Hexagonal composition 25 cm 108 led x 5 colors single color use Opaline cover 1,8A 45W 20cm cable M12 5P M 3 logic start UL
Tailor Made	GEMX4-XXX-RGBYW-CCC-WW1-WW2-WW3 GEMX6-XXX-RGBYW-CCC-WW1-WW2-WW3	Choose the dimension and the wavelength of the light

TYPICAL APPLICATIONS



MECHANICAL DRAWING

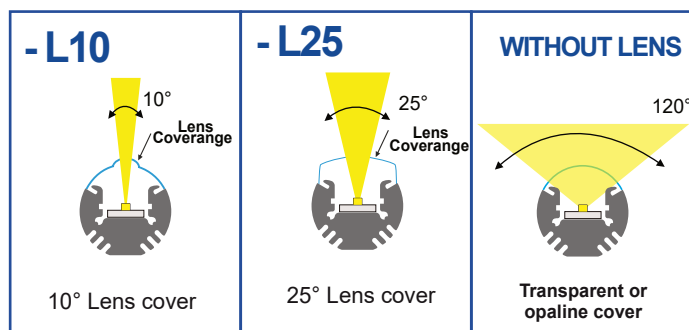
GEMX4-25-RGBYW-OP-1
BASE MODEL EXAMPLE



160° ROTATING FASTENERS INCLUDED



BEAM ANGLES



GEVX FIVE COLORS



Optional
Polarizing
Filter

Base
IP54
Protection Degree

Variant
IP65
Protection Degree

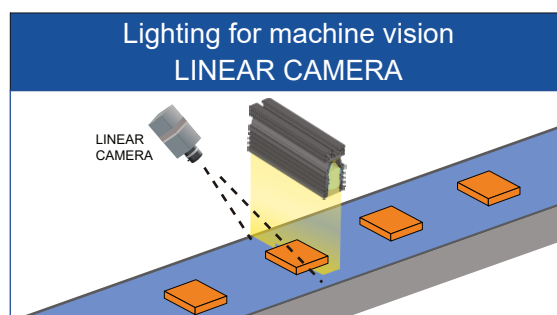
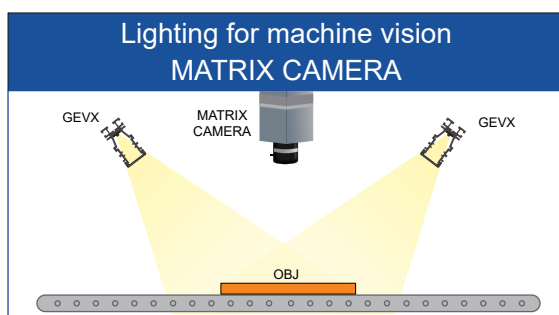


Daisy chain power up to 2 m

MODELS

	Code	Description
Base model	GEVX20-RGBYW-2	bar light 20 cm 12 led x 5 colors single color use 5° Lens cover 360mA 9W 20cm cable M12 5P M+F 3 logic start UL
Base model	GEVX34-RGBYW-ML-2	bar light 34 cm 24 led x 5 colors single color use 12° multi-lens (4°-45°) cover 720mA 18W 20cm cable M12 5P M+F 3 logic start
Base model	GEVX50-RGBYW-2	bar light 50 cm 36 led x 5 colors single color use 5° Lens cover 1,1A 26W 20cm cable M12 5P M+F 3 logic start
Base model	GEVX100-RGBYW-ML-2	bar light 100 cm 72 led x 5 colors single color use 5° Lens cover 2,1A 50W 20cm cable M12 5P M+F 3 logic start
Base model	GEVX200-RGBYW-1	bar light 200 cm 12 led x 5 colors single color use 5° Lens cover 4,2A 100W 20cm cable M12 5P M 3 logic start
Tailor Made	GEVXXXX-RGBYW-CCC-WW1-WW2-WW3	Choose the dimension and the wavelength of the light

TYPICAL APPLICATIONS



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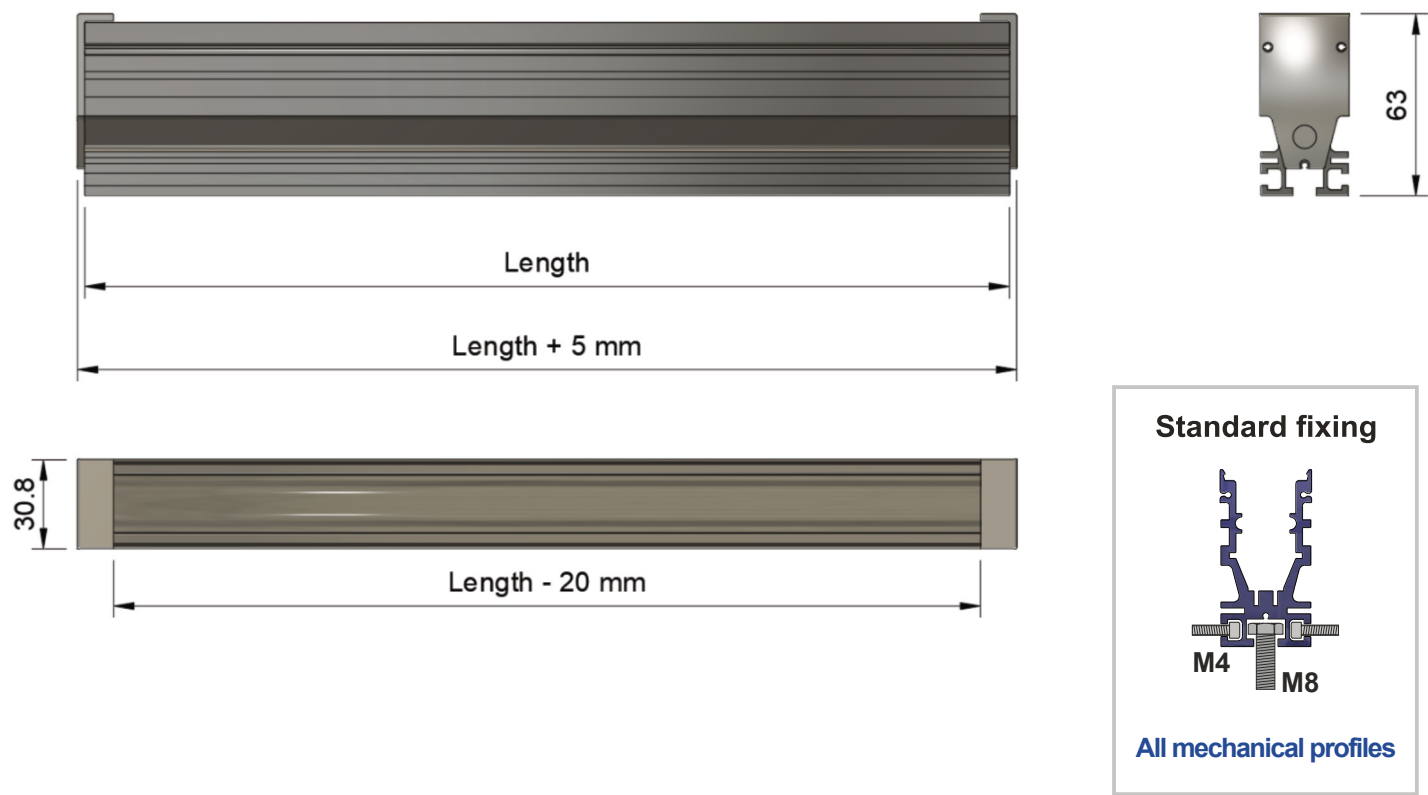
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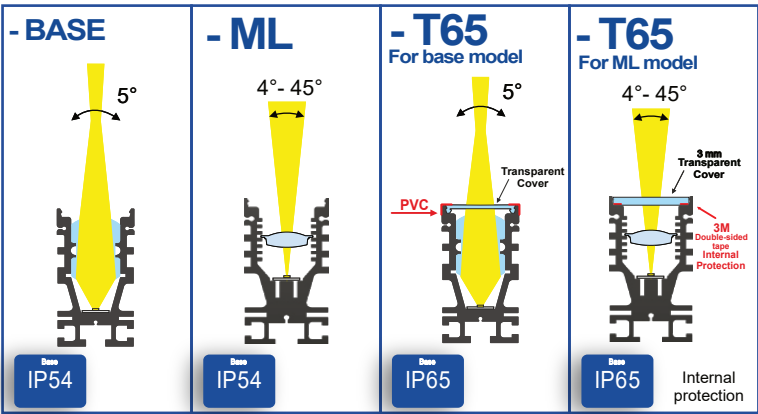
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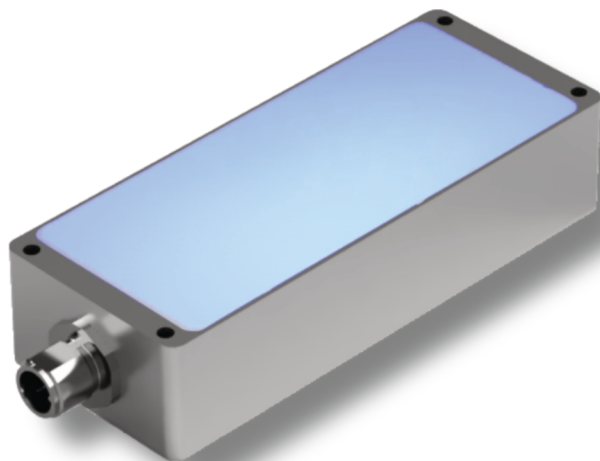
BEAM ANGLES AND COVERS



GZ FIVE COLORS



Base
IP67
Protection Degree



MODELS

	Code	Description
Base model	GZ3045-RGBYW-1	backlight 30x45mm 6 led x 5 colors single color continuous use Opaline cover 60mA 1,4W M12 M 5P
Base model	GZ3090-RGBYW-1	backlight 30x90mm 12 led x 5 colors single color continuous use Opaline cover 120mA 3W M12 M 5P
Base model	GZ30180-RGBYW-1	backlight 30x180mm 24 led x 5 colors single color continuous e use Opaline cover 240mA 6W M12 M 5P
Base model	GZ6090-RGBYW-1	backlight 60x90mm 24 led x 5 colors single color continuous use Opaline cover 240mA 6W M12 M 5P
Base model	GZ60180-RGBYW-1	backlight 60x180mm 48 led x 5 colors single color continuous use Opaline cover 480mA 12W M12 M 5P
Base model	GZ90180-RGBYW-1	backlight 90x180mm 72 led x 5 colors single color continuous use Opaline cover 720mA 18W M12 M 5P
Base model	GZ120135-RGBYW-1	backlight 120x135mm 72 led x 5 colors single color continuous use Opaline cover 720mA 18W M12 M 5P
Base model	GZ180180-RGBYW-1	backlight 180x180mm 144 led x 5 colors single color continuous use Opaline cover 1,4A 36W M12 M 5P
Tailor Made	GZXXX-RGBYW-CCC-WW1-WW2-WW3	Choose the dimension and the wavelength of the light

ACCESSORIES

Code	Description
GZXXX-PX2-AP	Additional protection 2 mm transparent plexiglass + screws
GZXXX-P-AP	Additional protection 2 mm Transparent plexiglass + Polarizing Filter horizontal + screws
GZXXX-C-AP	Additional protection 2 mm Transparent plexiglass + Collimating Filter + screws

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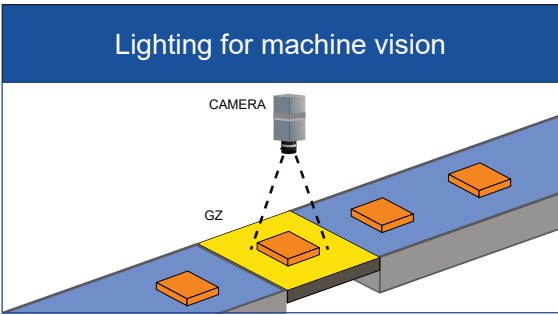
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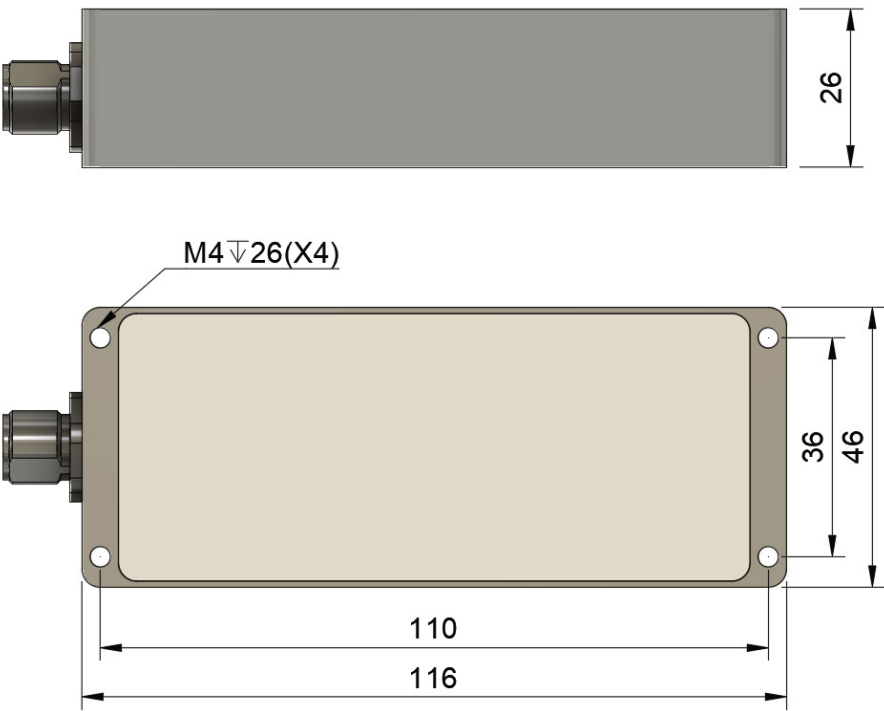
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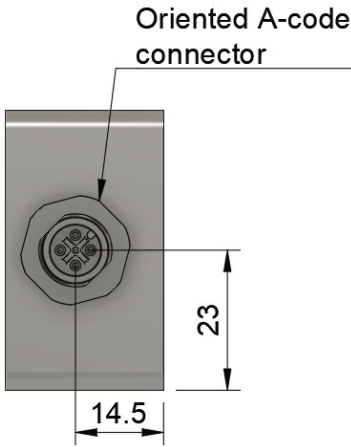
TYPICAL APPLICATIONS



MECHANICAL DRAWING



GZ-3090RGBYW-1
BASE MODEL EXAMPLE



NEW SOLUTION

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SAMPLE

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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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