



Develop
your custom
solution

Over
18
Standard
Colours

Base
IP65
Protection Degree

24
Vdc

Optional
Polarizing
Filter

Optional
IO-Link
External
controller

CE
RoHS

**UK
CA**

CALUS
E545377 Class 2

Illuminator Features :

- Project achieved by internal resources and Genesi skills;
- Model with transparent, satin, opaline and semi-opaline black cover;
- Model with two wires, M8, M12 with or without fast start (PNP);

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 1600nm
	-6K	-4K	-365	-385	-395	-405	-450	-524	-625	-660	-730	-850	-950	-1050	-1200	-1300	-1450	-1550	-1650

GEILD Part Number

Ex. Code : **GEILDXXX** -**YYY** -**CCC** -**WW1** -**WW2** -**WW3**

XXX	Base Lengths
GEILD03	3 cm
GEILD05	5 cm
GEILD10	10 cm
GEILD20	20 cm
GEILD28	28 cm
GEILD34	34 cm
GEILD42	42 cm
GEILD50	50 cm
GEILD100	100 cm
GEILD200	200 cm
GEILDXXX	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	
-RGBYW	RGBYW		
-450	450 nm Royal Blue	Nir RISK2	
-524	524 nm Green		
-625	625 nm Red		
-660	660 nm Deep Red		
-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
	Base 85 mA per led
-10	10 mA per led
-20	20 mA per led
-40	40 mA per led
-120	120 mA per led Semi-continuous use
-300	300 mA per led only strobe use
-RA10	Analog reg 0-10V
-RA24	Analog reg 0-24V
-CC	Current Control
-CCC	Current on demand

-WW1	Cover variants
-T	Base Transparent cover
-OP	Base Opaline cover
-ST	Satin cover
-OPB	Semi-opaline black cover
-TP	Polarizing filter + Transparent cover
-OPP	Polarizing filter + Opaline cover
-WW1	Cover on demand

-WW2	Fixing variants
	Base fixing
-FC	Short fixing
-FS	Rear fixing

-WW3	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
-WW3	Supply connection on demand

Up to 2 different colours in a single light

Not all combinations are available

Part Number Examples:

GEILD20-6K-OP

Bar light 20cm White 6000K Opaline cover 1200Lm 340mA 8W 2Mt cable 2 Wires

GEILD50-850-T-M12S

Bar light 50cm IR 850nm Transparent cover 840mA 20W 20cm cable M12 5P M + logic start

GEILD100-6K-ST-M8S

Bar light 100cm White 6000K Satin PMMA cover 7200Lm 2000mA 48W 20cm cable M8 3P M + logic start

Design & Production
Made in Italy



Genesi LUX®

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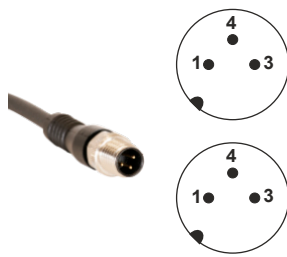


Organization with a certified ISO 9001:2015 Quality Management System

Rev. 01/26

PIN OUT

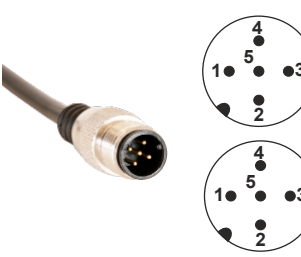
-M8 / -M8S



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

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

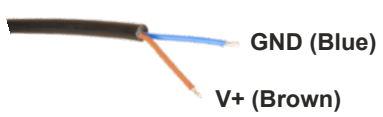
-M12 / -M12S



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

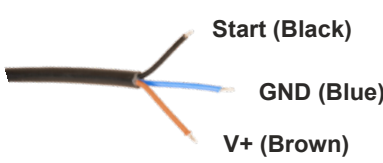
Under 4 A		Over 4 A	
M12S - Male 5 Poles		M12S - Male 5 Poles	
1	+24 V	1	+24 V
2	NC	2	+24 V
3	GND	3	GND
4	Start PNP	4	Start PNP
5	NC	5	GND

-5M / -10M



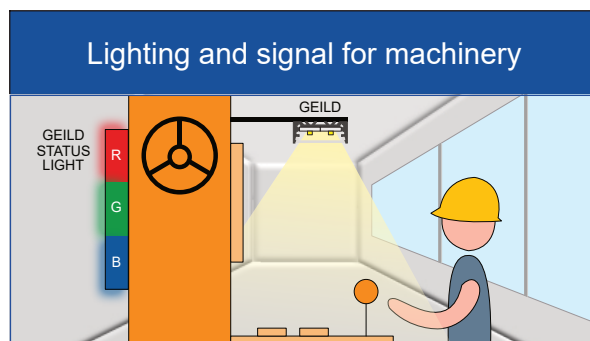
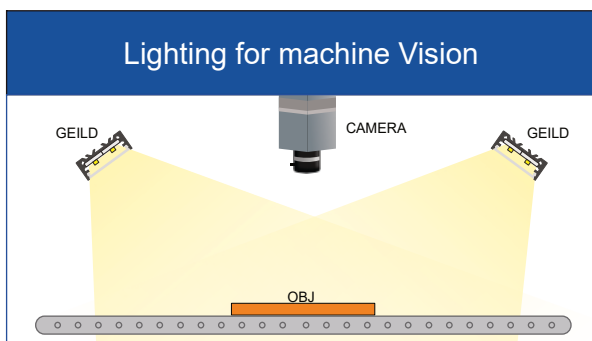
GND (Blue)
V+ (Brown)

-S / -5MS / -10MS

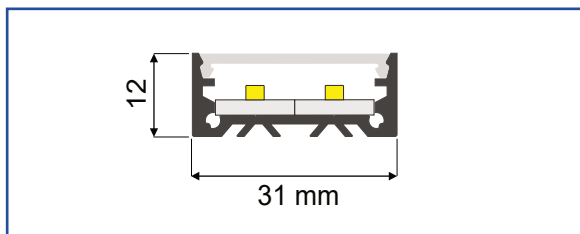


Start (Black)
GND (Blue)
V+ (Brown)

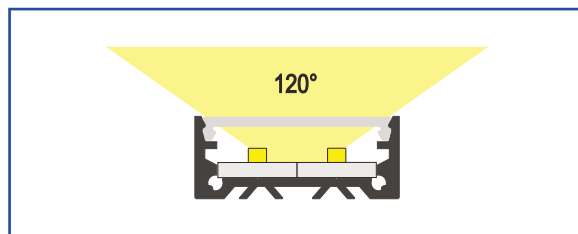
TYPICAL APPLICATIONS



MECHANICAL DRAWING



BEAM ANGLE



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

BASE MODEL LENGTHS & POWERS

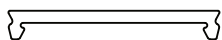


WORKING TEMPERATURE RANGE
FROM -35°C (NO FROST) TO +55°C

Mod.	A (mm)	B (mm)	C (mm)	Supply voltage	Supply current	Power consumption
GEILD03	30	44	50,5	24/vdc +/- 10%	140 mA	3,2 W
GEILD05	50	64	70,5		170 mA	4,0 W
GEILD10	100	114	120,5		170 mA	4,0 W
GEILD20	200	214	220,5		370 mA	8,0 W
GEILD28	280	294	300,5		500 mA	12,0 W
GEILD34	340	354	360,5		680 mA	16,3 W
GEILD42	420	434	440,5		850 mA	20,4 W
GEILD50	500	514	520,5		1000 mA	24,0 W
GEILD100	1000	1014	1020,5		2000 mA	48,0 W
GEILD200	2000	2014	2020,5		4000 mA	96,0 W
GEILDXXX from 30 mm to 6000 mm						

LIGHT POWER TEST

Transparent



GEILD50-6K-T	
Working Distance	Power W/m ²
20 cm	40,5
40 cm	15
100 cm	3,2

Opaline



GEILD50-6K-OP	
Working Distance	Power W/m ²
20 cm	23
40 cm	8,5
100 cm	2

Satin



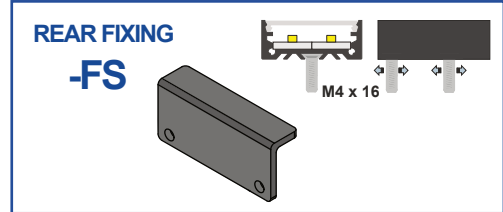
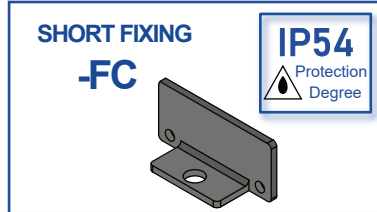
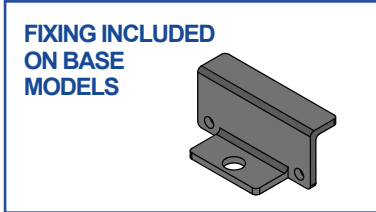
GEILD50-6K-ST	
Working Distance	Power W/m ²
20 cm	29
40 cm	11,3
100 cm	2,5

Black Opaline



GEILD50-6K-OPB	
Working Distance	Power W/m ²
20 cm	8,5
40 cm	3,4
100 cm	0,9

FIXING



ACCESSORIES

CODE	DESCRIPTION
GEILD-FIX-3D	<p>GEILD / IMB fixing plint for -FS applications (Rear fixing), black ASA 3D printed</p> <p>Countersink 1x90°</p> <p>Ø4.5</p> <p>7.5</p> <p>47.2</p> <p>5</p> <p>Ø4.5</p> <p>Total height</p> <p>16.85</p>

Tailor-Made

Connector	PINS	Function	Description
	1		
	2		
	3		
	4		
	5		

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SAMPLE

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DOWNLOAD

TECHNICAL SPECIFICATIONS

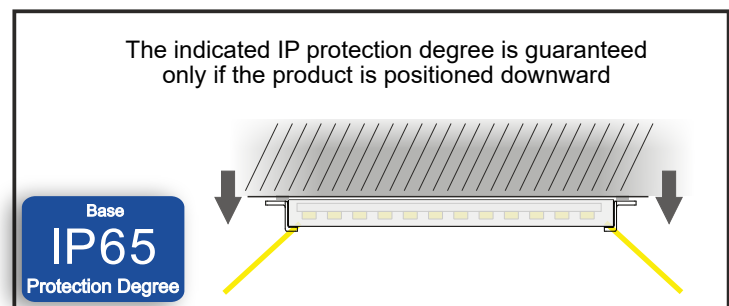
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REQUEST

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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Organization with a
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