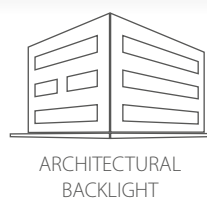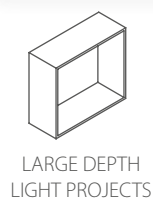# gMAX₃

Typical applications: big ads | deep letters and light projects | architectural backlight

wide angle 160°
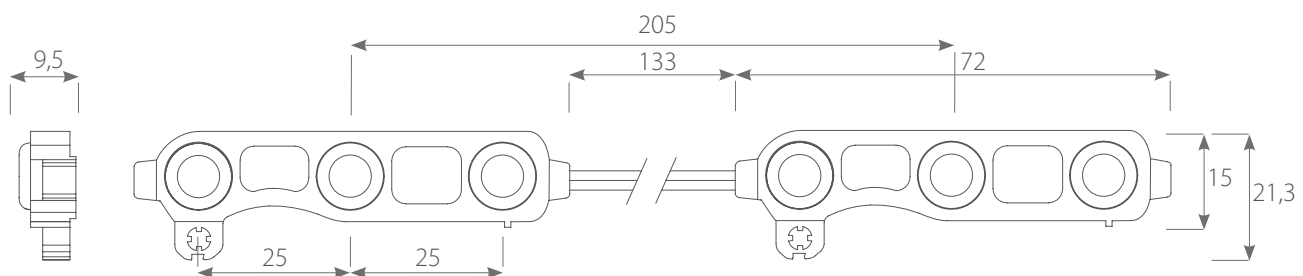
additional fastening

efficiency 100 lm/W

IP68

HIGH PERFORMANCE

LARGE DEPTH
LIGHT PROJECTS

ARCHITECTURAL
BACKLIGHT

5 years warranty

DC 12V

50 000h

CE

With the enormous value of 120 lm per module (100 lm/W), gMAX₃ stands out thanks to its very high light output and wide beam angle (160°). Because of that very homogeneous light can be acheived. The installation is very easy with use of the double-sided 3M™ adhesive tape and fixing hole. The gMAX₃ is protected against mechanical damage by a robust plastic housing. Thanks to the IP68 protection it is suitable to use in the wet outdoor area. It is possible to connect up to 30 modules in series.
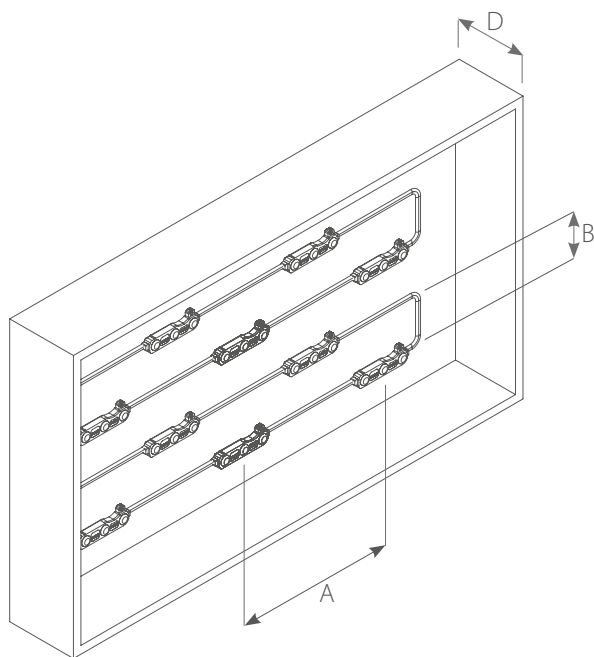
DIMENSION [mm]

9,5

205

133

72

25

25

15

21,3

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TECHNICAL DATA

Type	gMAX$_3$			
	W6,5K	W5K	W4K	W3K
Symbol	M142170	M142140	M142130	M142110
Color	white 6500K	biały 5000K	white 4000K	white 3000K
Voltage [V DC]	12	12	12	12
Current [mA]	100	100	100	100
Power consumption [W]	1,2	1,2	1,2	1,2
Luminous flux [lm]	120	120	120	120
Light output [lm/W]	100	100	100	100
Beam angle [°]	160	160	160	160
Degree of protection	IP68	IP68	IP68	IP68
Operating temperature [°C]	-20 - +50	-20 - +50	-20 - +50	-20 - +50
LEDs	SAMSUNG	SAMSUNG	SAMSUNG	SAMSUNG
Max. Number of modules in series [pcs.]	30	30	30	30
Lifetime [h]	50.000	50.000	50.000	50.000
Warranty [mc]	60	60	60	60
Packing [pcs.]	50	50	50	50

* other version available: gMAX$_3$ W9,5K (white 9500K) - M142220, gMAX$_3$ W12K (white 12000K) - M142240

APPLICATION EXAMPLE

D - Depth

MOUNTING EXAMPLE *

D [mm]	A [mm]	B [mm]	Brightness [cd/m^2]
100	160	110	1313
120	170	130	1045
140	180	150	857
160	190	180	675
>= 200	200	200	578

* The grid can change depending on the illuminated material

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