wide₁

Typical applications: shallow light projects | lowercase block letters | custom applications
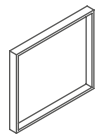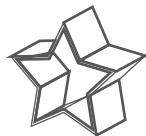
scattering lens 175°
efficiency 105 lm/W
the possibility of soldering
additional modules

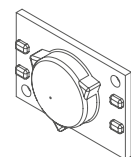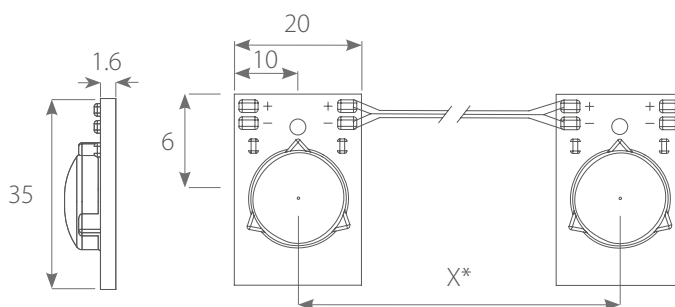| HIGH PERFORMANCE | SMALL DEPTH LIGHT PROJECTS | CUSTOM APPLICATIONS | SPECIAL BEAM ANGLE | 175° | DC 12V | 50 000h | CE |

The wide₁ is a very compact module for indoor use. It is ideal for extremely flat light boxes and profile letters. Designed depths is between 40 mm to 140 mm. Due to the Osram diode used, the wide1 guarantees a very good light output and long life. The module has a special 175° lens, which directs the light almost exclusively to the sides and thus guarantees a homogeneous illumination. The design of the module allows very flexible and fast on the spot soldering more modules.
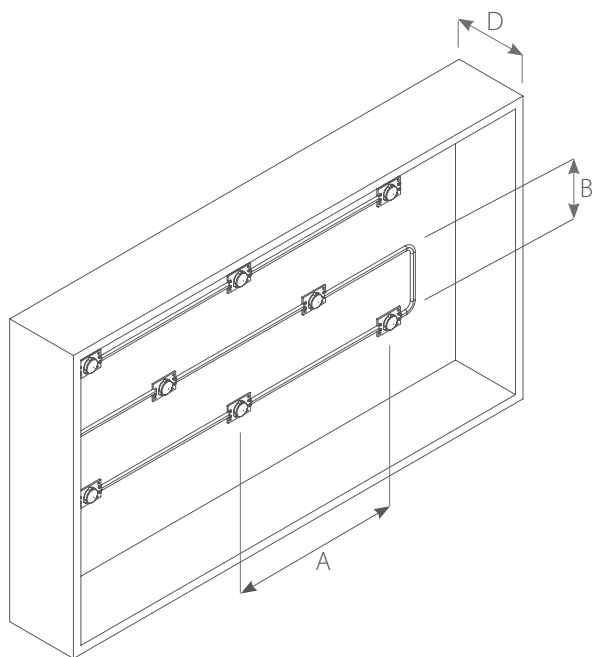
DIMENSION [mm]

1.6
20
10
6
35
X*

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TECHNICAL DATA

Typ	Wide₁					
	W65K	W57K	W50K	W40K	W30K	W27K
Symbol	M15217X*	M15215X*	M15214X*	M15213X*	M15211X*	M15210X*
Color	white 6500K	white 5700K	white 5000K	white 4000K	white 3000K	white 2700K
Voltage [V DC]	12	12	12	12	12	12
Current [mA]	83	83	83	83	83	83
Power consumption [W]	1	1	1	1	1	1
Luminous flux [lm]	105	105	105	105	105	105
Light output [lm/W]	105	105	105	105	105	105
Beam angle [°]	175	175	175	175	175	175
Degree of protection	IP20	IP20	IP20	IP20	IP20	IP20
Operating temperature [°C]	-20 - +60	-20 - +60	-20 - +60	-20 - +60	-20 - +60	-20 - +60
LEDs	OSRAM	OSRAM	OSRAM	OSRAM	OSRAM	OSRAM
Max. Number of modules in series [pcs.]	30	30	30	30	30	30
Lifetime [h]	50.000	50.000	50.000	50.000	50.000	50.000
Warranty [mc]	60	60	60	60	60	60
Packing [pcs.]	50	50	50	50	50	50

* X - means the distance between the modules (from center to center): 0 = 100 mm version, 1 = 120 mm version, 2 = 130 mm version, 3 = 140 mm version, 4 = 160 mm version, 5 = 180 mm version, 6 = 200 mm version, 7 = 270 mm version,
* X - non-standard versions (dimensions from center to center): 20 = 60 mm version, 21 = 125 mm version, 22 = 80 mm version, 23=110 mm version,
At the customer's request, it is possible to adjust the individual distance between the modules.

APPLICATION EXAMPLE

MOUNTING EXAMPLE *

D [mm]	A [mm]	B [mm]	Brightness [cd/m²]
40	80	80	2516
60	120	120	1118
80	140	140	856
100	160	160	629
140	220	220	279

* The grid can change depending on the illuminated material

D - Depth

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