

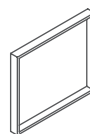
LEDlink

OptiX² 24V

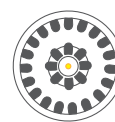
LED MODULES



24V DC
170° Black Dot lens
efficiency up to 180 lm/W
5 year warranty



SMALL DEPTH
LIGHT PROJECTS



BLACK DOT
LENS

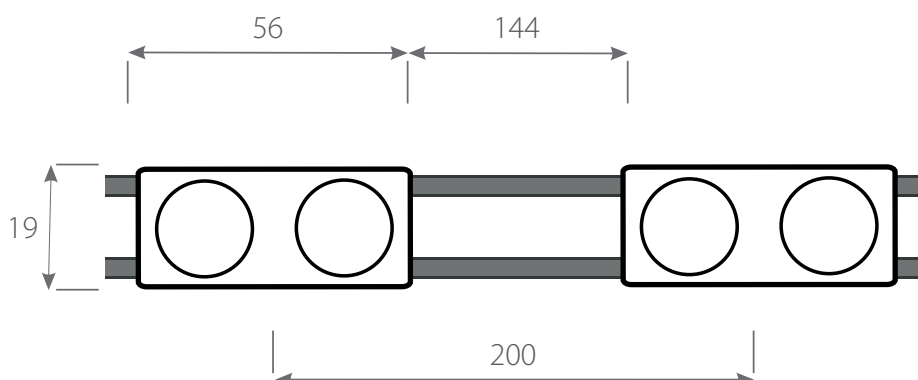


SPECIAL
BEAM ANGLE

Typical applications: flat light boxes | flat channel letters | custom applications

The OptiX² 24V module is a product optimized for applications in light boxes and channel letters with installation depths ranging from 60 mm to 150 mm. A special, newly developed lens technology ensures extremely homogeneous illumination even at very shallow installation depths, despite the use of a low number of modules. An unquestionable advantage of the OptiX² 24V modules is their very high luminous efficacy of 180 lumens per watt. Thanks to the IP65 protection rating, the modules are also perfectly suitable for outdoor advertising applications. The modules are powered by 24 V DC. A maximum of 40 modules can be connected in series.

DIMENSION [mm]



Distributor:
STEJA lighting
www.steja.de



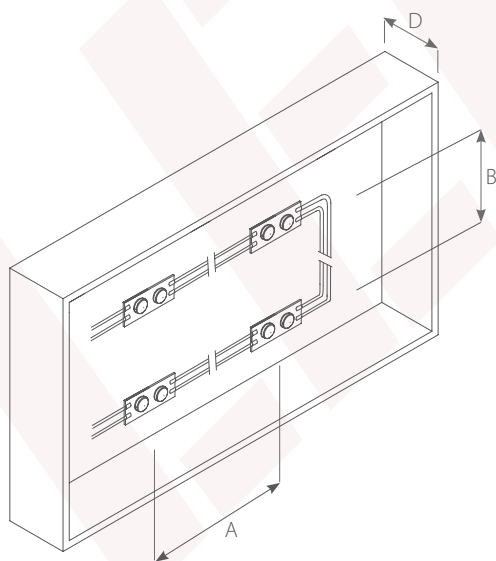
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www.ledlink.de
info@ledlink.de

Type	OptiX ² 24V		
	W65K	W40K	W30K
Symbol	M186170-200	M186130-200	M186110-200
Color	white 6500K	white 4000K	white 3000K
Voltage [V DC]	24V	24V	24V
Current [mA]	30	30	30
Power consumption [W]	0,72	0,72	0,72
Luminous flux [lm]	~130	~130	~130
Light output [lm/W]	180	180	180
Beam angle [°]	170	170	170
Degree of protection	IP65	IP65	IP65
Operating temperature [°C]	-30 - +60	-30 - +60	-30 - +60
LEDs	2835	2835	2835
Dimensions [mm]	56x19x8,1	56x19x8,1	56x19x8,1
Max. Number of modules in series [pcs.]	40	40	40
Lifetime [h]	50.000	50.000	50.000
Warranty [mc]	60	60	60

APPLICATION EXAMPLE



D - Depth

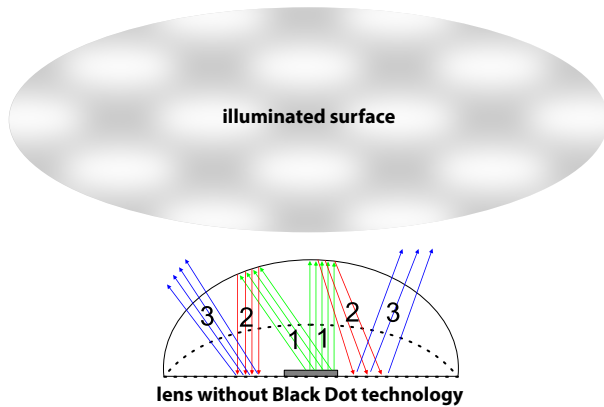
MOUNTING EXAMPLE *

D [mm]	A [mm]	B [mm]	Brightness [cd/m²]
60	150	150	1396
100	200	200	564
150	200	200	564

* The grid can change depending on the illuminated material

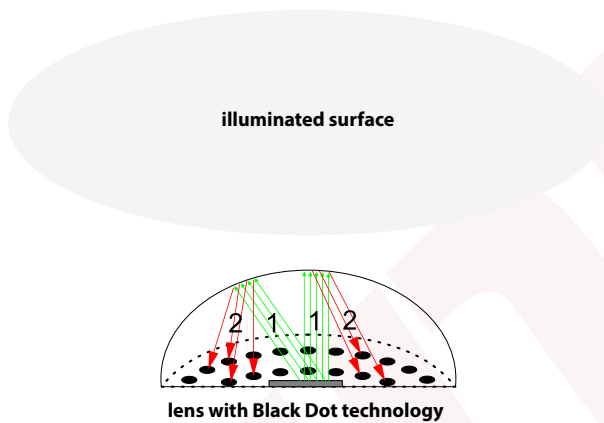


lens without Black Dot technology - spot light effect



- Line 1: Light from the LED
- Line 2: Light reflect from the lens
- Line 3: Light reflect from the PCB, Light on the textile surface, so it shows light spot

lens with Black Dot technology without spot light effect



- Line 1: Light from the LED
- Line 2: Light reflect from the lens
The light reflect from the lens is already taken in by the black dot on the PCB, so no light reflect from the PCB. So it will not show spot light on the textile.