OptoSupply
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Rigid LED Light Bar
27 x Super Flux LED
OSMY46K27GH-XXXXZ161D

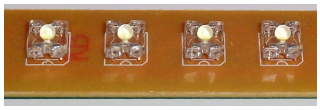
Descriptions:

- Voltage available in **DC12V**
- Nos. of LED : 27 x Super Flux LED

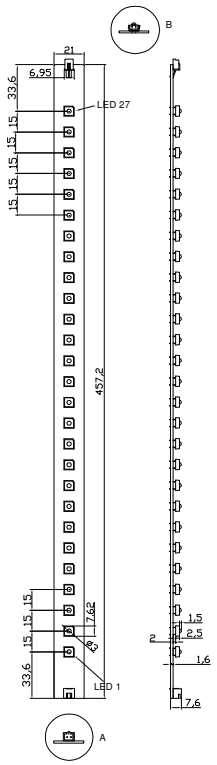
Application:

- Channel letter signs
- Indirect accent décor light
- Large area back lighting
- Under counter light
- Decorate building's contour
- Substitute neon light

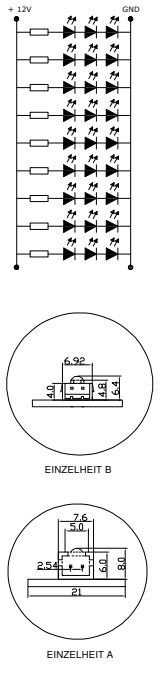
Photo



Outline Dimension



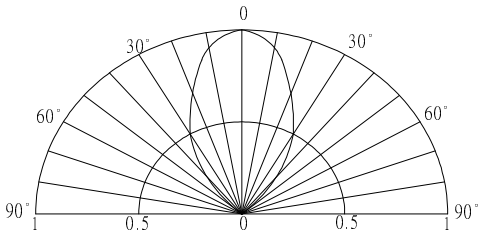
Circuit Diagram



Unit : mm

Typical Performance (Ta=25℃)

Items	Symbol	Min.	Typ.	Max.	Units
LED Module Power	Pm		2.16	3.78	w
Input Voltage(DC)	Vi		12	14	V
Input Current	If		180	270	mA
Beam Pattern	BP		60		Deg
Operating Temperature	Topr	-30	-	85	℃
Storage Temperature	Tstg	-40	-	100	℃
PCB Length	Lmod.		457.2		mm



Device Selection Guide

Module No.	Color	Dom. Wavelength(Typ.)	Intensity / Per LED(Typ.)
OSMY46K27GH-R5MAZ161D	Red	625±5nm	4000 mcd
OSMY46K27GH-O5PAZ161D	Orange	605±5nm	4000 mcd
OSMY46K27GH-Y5MAZ161D	Yellow	590±5nm	4000 mcd
OSMY46K27GH-G5DAZ161D	Pure Green	525±5nm	5000 mcd
OSMY46K27GH-B5SAZ161D	Blue	470±5nm	2500 mcd
OSMY46K27GH-W5DLZ161D	White	X=0.27 ; Y=0.28	7000 mcd
OSMY46K27GH-M5DLZ161D	Warm White	X=0.45 ; Y=0.41	3800 mcd
OSMY46K27GH-K5DLZ161D	Pink	X=0.45 ; Y=0.17	1500 mcd