

# LEDlink

STAR33  
47024 G2



INDUSTRIAL LED MODULES

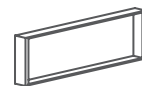
UV free  
up to 190 lm/W  
5-year warranty  
OSRAM diodes



HIGH PERFORMANCE



ARCHITECTURAL  
BACKLIGHT

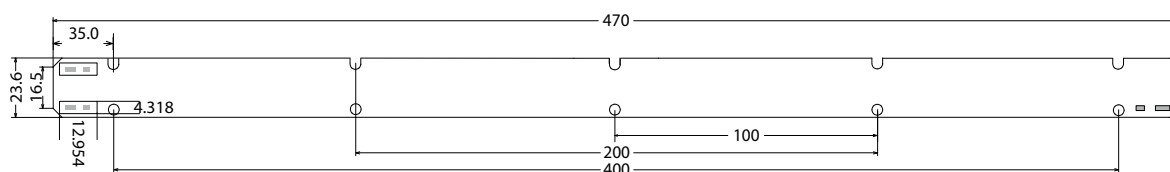


SMALL DEPTH  
LIGHT PROJECTS

Typical applications: ideal for the construction of linear light lamps

The STAR33<sub>47024 G2</sub> module is designed for use in the production of linear light lamps, public utility lighting, warehouse lighting, display lighting, large retail stores, and workstation lighting. The OSRAM LED used ensures a high luminous flux of up to 2050 lumens at 350mA and high efficiency of up to 190 lm/W.

## DIMENSION [mm]



350 mA  
MAX

120°

50 000h



Distributor:  
STEJA lighting  
[www.steja.de](http://www.steja.de)



Date of file: September 18, 2024



[www.ledlink.de](http://www.ledlink.de)  
[info@ledlink.de](mailto:info@ledlink.de)

## TECHNICAL DATA

Type	STAR33 <sub>47024 G2</sub>						
	W65K	W57K	W50K	W40K	W35K	W30K	W27K
Symbol	M216172-G2	M216152-G2	M216142-G2	M216132-G2	M216122-G2	M216112-G2	M216102-G2
Color	white 6500K	white 5700K	white 5000K	white 4000K	white 3500K	white 3000K	white 2700K
Voltage* [V DC]	31,9-33V	31,9-33V	31,9-33V	31,9-33V	31,9-33V	31,9-33V	31,9-33V
Current [mA]	200-350	200-350	200-350	200-350	200-350	200-350	200-350
Power consumption* [W]	11,16-11,55	11,16-11,55	11,16-11,55	11,16-11,55	11,16-11,55	11,16-11,55	11,16-11,55
Luminous flux* [lm]	~2050	~2050	~2050	~2050	~2050	~2050	~2050
Light output* [lm/W]	up to 190	up to 190	up to 190	up to 190	up to 190	up to 190	up to 190
Beam angle [°]	120	120	120	120	120	120	120
Protection degree	IP20	IP20	IP20	IP20	IP20	IP20	IP20
Temperatura pracy [°C]	-40 - +65	-40 - +65	-40 - +65	-40 - +65	-40 - +65	-40 - +65	-40 - +65
LEDs	OSRAM	OSRAM	OSRAM	OSRAM	OSRAM	OSRAM	OSRAM
LEDs type	DURIS E5	DURIS E5	DURIS E5	DURIS E5	DURIS E5	DURIS E5	DURIS E5
Dimensions [mm]	470x24	470x24	470x24	470x24	470x24	470x24	470x24
Quantity of LEDs [pcs.]	33	33	33	33	33	33	33
Lifetime [h]	50.000	50.000	50.000	50.000	50.000	50.000	50.000
Warranty [mth.]	60	60	60	60	60	60	60

\* at the nominal supply current of the module STAR33<sub>47024</sub> (350mA; CRI80)

- optional color rendering index - CRI90

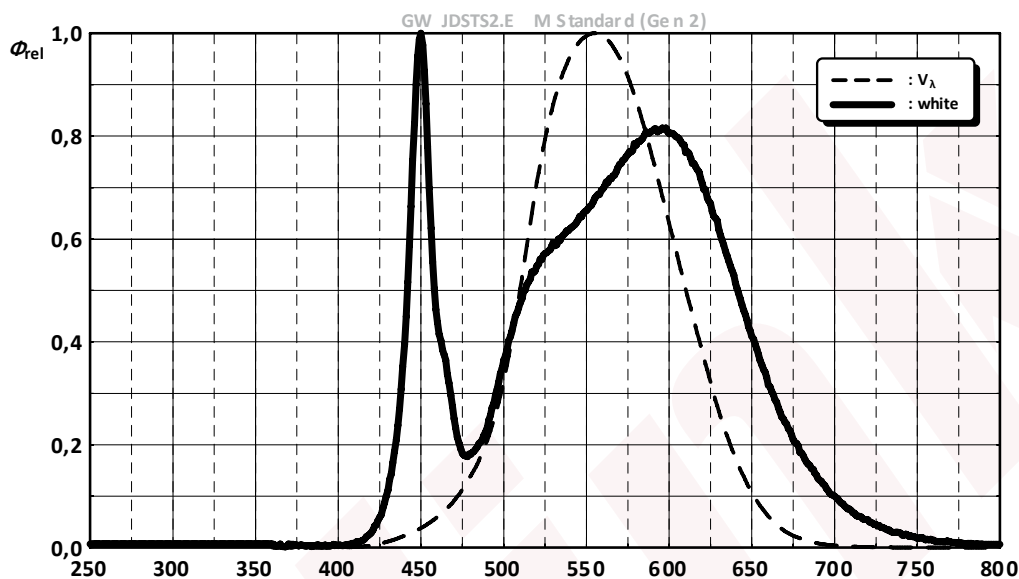
## ADDITIONAL OPERATING PARAMETERS

Current [mA]	Supply voltage (+/-5%)[V] DC@25°C	Maximum power (+/- 5%) [W]	Luminous flux [lm] @25°C	Luminous flux [lm] @50°C	Luminous efficacy [lm/W] @25°C	Luminous efficacy [lm/W] @50°C
200	30,47	6,0	1225	1181	204,4	199,4
250	30,91	7,7	1528	1473	198,6	193,6
300	31,13	9,4	1825	1760	193,3	188,4
350	31,57	11,2	2118	2042	188,6	183,7



### Relative Spectral Emission <sup>6)</sup>

$\Phi_{rel} = f(\lambda); I_f = 65 \text{ mA}; T_j = 25 \text{ }^\circ\text{C}$



### Parameter LxBy for STAR33 47024 G2

Module supply current [mA]	Parameter L90B50 @55°C [h]	Parameter L90B50 @85°C [h]	Parameter L80B50@ 65°C [h]	Parameter L80B50 @85°C [h]	Parameter L70B50 @65°C [h]	Parameter L70B50 @85°C [h]
350	60 000	25 000	>100 000	>100 000	>100 000	>100 000

