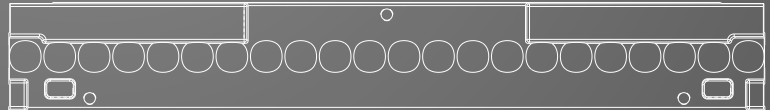




SAMSUNG
on board

OSRAM
Opto Semiconductors

LUMILEDS



22H1 LINEAR MODULE LENSES OF DARKOO.

DARKOO[®]
Optics

Principais Aplicacoes:

- Luminarias comerciais
- Residential
- Industry
- Office
- Retail

Informacoes adicionais:

- Dimensoes: 560x 40mm(ZHAGA compliant)
- High color rendering(CRI > 80)
- Excellent color consistency of 5 SDCM
- High efficacy of the module up to 166Lm/W@300mA
- Conectores tipo push-pull

Type	Typ. luminous flux at tp = 25 °C	Typ. luminous flux at tp = 65 °C	Typ. Colour temperature (CCT)	Colour rendering index CRI	Min. forward voltage at tp = 65 °C	Max. forward voltage at tp = 25 °C	Typ. forward current	Typ. power consumption at tp = 65 °C	Max. forward current	Efficacy of the module at tp = 25 °C	Efficacy of the module at tp = 65 °C
15853LM281DSC	2,860lm	2,680lm	3,000K	>80	61.6V	68.2V	300mA	20.0W	320mA	143lm/W	134lm/W
15853LM281DSE	3,040lm	2,860lm								152lm/W	143lm/W
15853LM281DSG	3,120lm	2,940lm								156lm/W	147lm/W
15853LM281DSC	3,020lm	2,840lm	4,000K	>80	61.6V	68.2V	300mA	20.0W	320mA	151lm/W	142lm/W
15853LM281DSE	3,200lm	3,020lm								160lm/W	151lm/W
15853LM281DSG	3,280lm	3,110lm								164lm/W	155lm/W
15853LM281DSC	3,060lm	2,880lm	5,000K	>80	61.6V	68.2V	300mA	20.0W	320mA	153lm/W	144lm/W
15853LM281DSE	3,340lm	3,060lm								162lm/W	153lm/W
15853LM281DSG	3,320lm	3,140lm								166lm/W	157lm/W

1. Other color temperatures under consultation.

2. The values of Luminous Flux, Efficiency, Tension and Power are based on technical data provided by Samsung. Optical losses are not being considered and thermal (luminaire mechanic) or electrical losses (LED Driver). All technical data refer only to the LED module. To get the final result of the lamp, must undergo tests in laboratories accredited by EVERFINE. All values are theoretical, and there may be variations in the end result.

3. Medium tension of the module. This value may vary between +/-15%. This variation should be considered in choosing LED Driver.