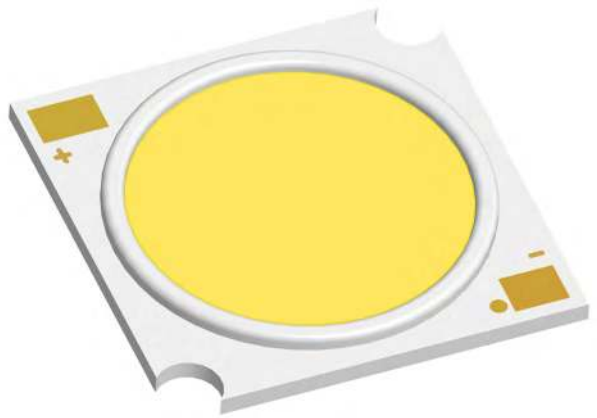
МОЩНЫЙ СВЕТОДИОД ARPL-25/31W-LTA-1919-97



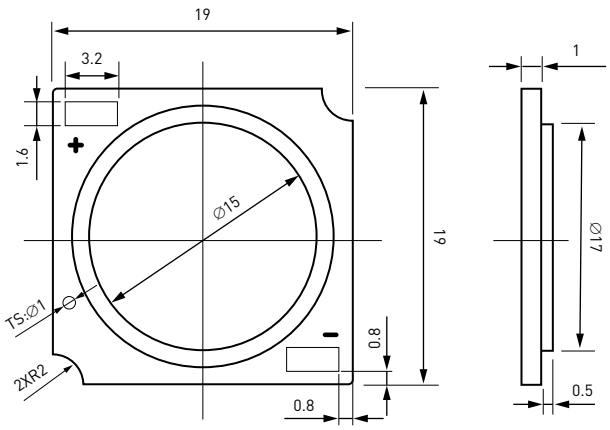
ОСОБЕННОСТИ

- Высокая световая эффективность (>100 лм/Вт)
- Высокий индекс цветопередачи (CRI>97)

ПРИМЕНЕНИЕ

- Светодиодные светильники (трековые, даунлайты)

ГАБАРИТНЫЕ РАЗМЕРЫ



Notes: All dimensions in mm.
The tolerances unless mentioned are ±0.3, unit=mm.

LIMIT PARAMETERS

Parameter	Symbol	Min	Max	Unit
Forward Current	I_F	/	**1840**	**mA**
Forward Voltage	V_F	**33.6**	**39.6**	**V**
Operating Temperature	T_{opr}	**-10**	**+85**	**°C**
Storage Temperature	T_{stg}	**-40**	**+100**	**°C**
Soldering Temperature	T_{sol}	/	**350**	**°C**
Junction Temperature	T_j	/	**125**	**°C**
Thermal Resistance	R_{j-c}	/	**0.57**	**°C/W**
Antistatic Ability	ESD	**2000**	/	**V**

The using temperature is less than 85°C; please reduce the using current or contact with us if using temperature is more than 85°C.
When hand soldering,keep the temperature of iron below less 350°C less than 5 seconds.

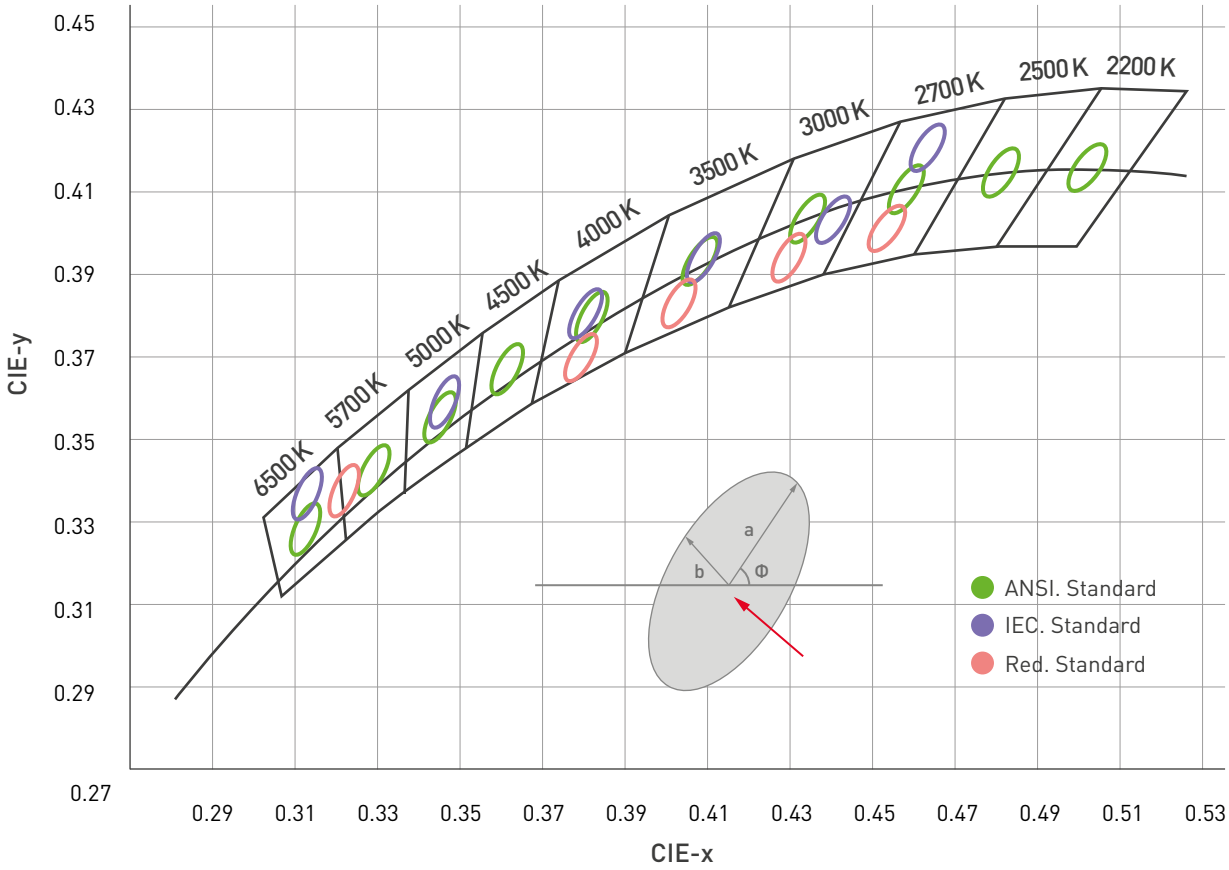
ELECTRO-OPTICAL CHARACTERISTICS (If = 1200 mA, T_C = 25 °C)

CCT	CRI, min		Luminous Flux		Efficacy (typ), lm/W	Voltage (typ), V
	Ra	R9	Min	Typ		
3000 K	**97**	**70**	**4290**	**4515**	**101**	**36.5**
4000 K	**97**	**70**	**4440**	**4665**	**105**	**36.5**

The tolerance of measurement at our tester is voltage±5%, luminous flux±7% and Ra\R9±1.
Luminous flux inside the integrating sphere measurements.

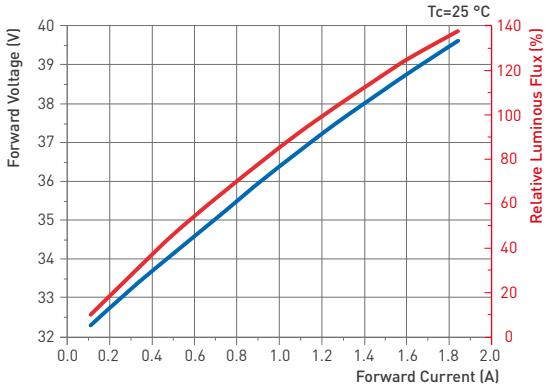
Art.	CRI	If	flux
034738	**97**	**720 mA**	**2 840 lm**
034479	**97**	**720 mA**	**2 840 lm**
034743	**97**	**900 mA**	**3 500 lm**
034742	**97**	**900 mA**	**4 440 lm**

CHROMATICITY COORDINATE GROUPS

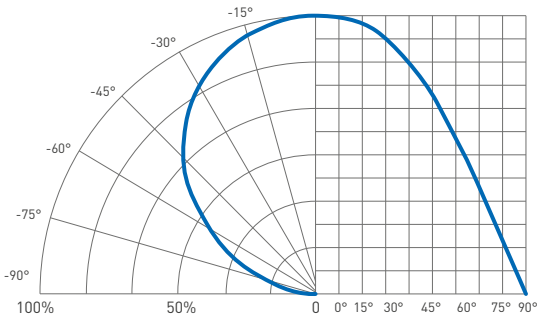


CHARACTERISTIC CURVES

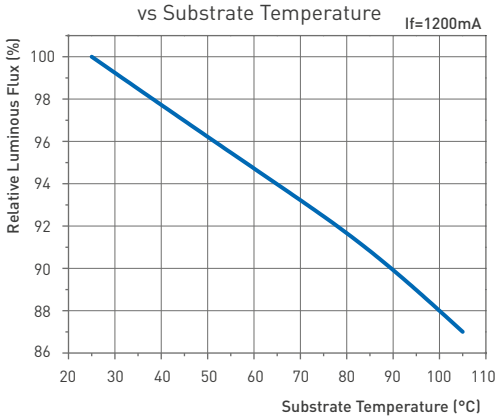
Forward Voltage vs Forward Current (blue line),
Relative Luminous Flux vs Forward Current (red line)



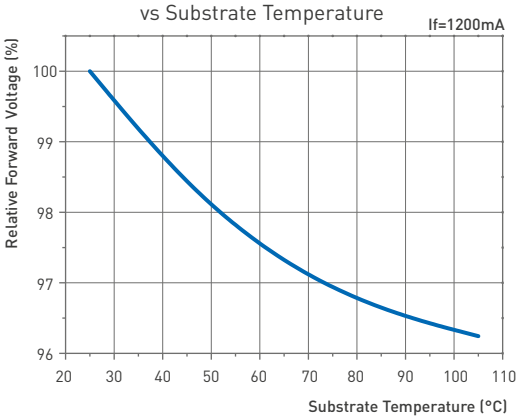
Radiation Angle



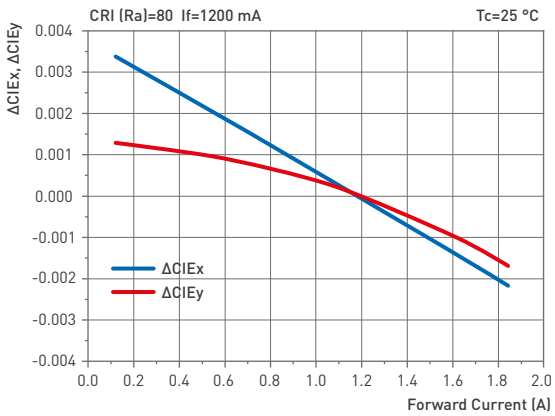
Relative Luminous Intensity
vs Substrate Temperature



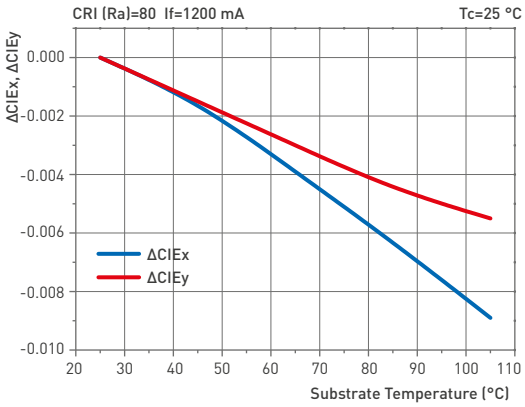
Forward Voltage
vs Substrate Temperature



ΔCIEx, ΔCIEy vs Forward Current

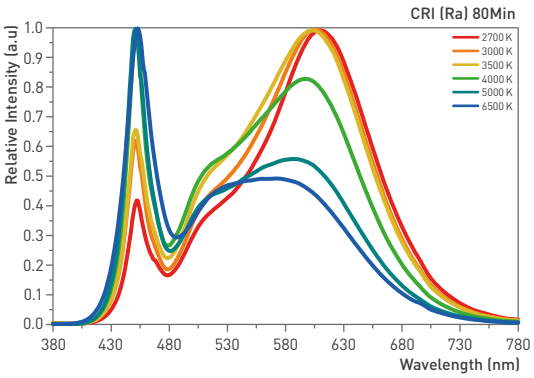


ΔCIEx, ΔCIEy vs Substrate Temperature

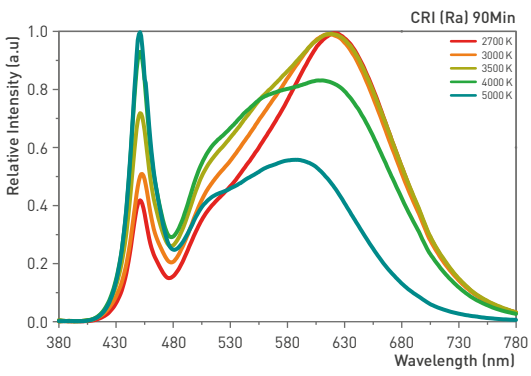


Relative Intensity vs Wavelength

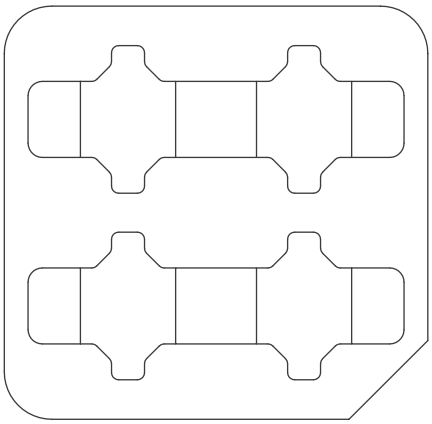
Tc=25 °C If=1200 mA

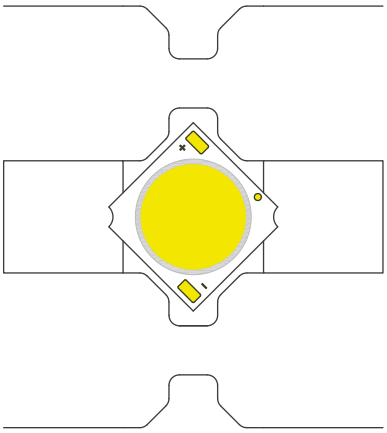


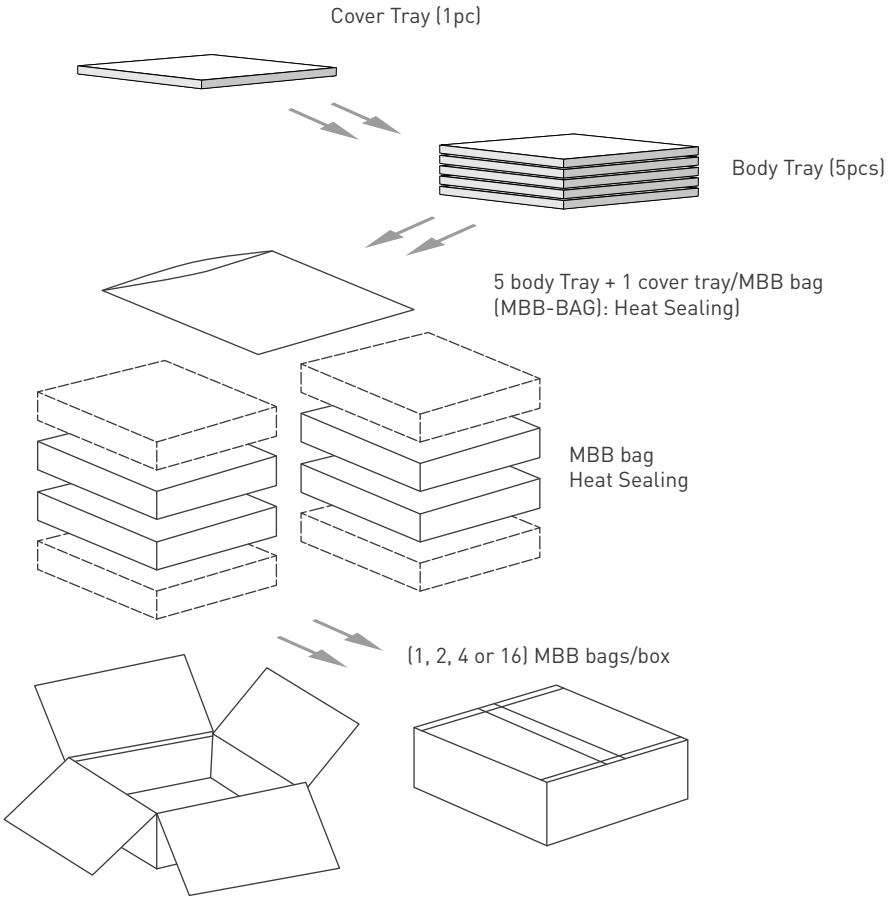
Relative Intensity vs Wavelength



УПАКОВКА






Cover Tray (1pc)
Body Tray (5pcs)
5 body Tray + 1 cover tray/MBB bag
(MBB-BAG): Heat Sealing
MBB bag
Heat Sealing
(1, 2, 4 or 16) MBB bags/box