

# IR204 & IR333 series product 2nd source optical electric characteristic comparison

2022/8/20

[www.everlight.com](http://www.everlight.com)

# EVERLIGHT

# Description and Purpose of Change

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- To prevent unexpected supply chain shortage, Everlight will introduce chip 2<sup>nd</sup> source in Lamp IR204 & IR333 series product.
- Affected items: please refer to the affected items list.
- Execution date : Jan 30th, 2023

# Chip appearance

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- Original chip



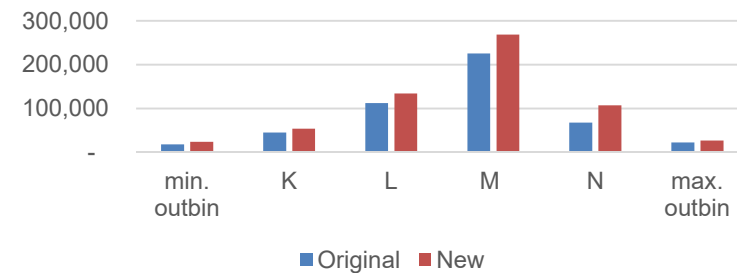
- New chip



# Electro-optical Characteristics

- Electro-optical characteristics has no obvious difference
- Production distribution of IE has no obvious difference

Production distribution - IE (mW/sr)



NO.	Original chip				New chip			
	IE	VF	WP	View angle	IE	VF	WP	View angle
Spec	4.0-17.6	Max : 1.5V	Avg : 940nm	Typ : 35	4.0-17.6	Max : 1.5V	Avg : 940nm	Typ : 35
1	10.45	1.19	942.46	35.81	10.68	1.25	946.80	33.25
2	9.88	1.19	942.01	34.78	9.98	1.25	946.58	32.70
3	10.40	1.19	942.75	32.09	11.65	1.25	946.44	32.76
4	10.69	1.19	942.00	33.61	14.57	1.25	946.67	32.59
5	9.64	1.19	941.41	35.56	10.86	1.25	946.40	33.12
Min	9.64	1.19	941.41	32.09	9.98	1.25	946.40	32.59
Avg	10.21	1.19	942.13	34.37	11.55	1.25	946.58	32.88
Max	10.69	1.19	942.75	35.81	14.57	1.25	946.80	33.25



**Thank you!**