



Specification

规格书





HL-A-3528D49W-2-S1-08-PCT-RM

Description 描述

The White LED which was fabricated using a blue chip and the phosphor
白光LED由蓝光芯片与荧光粉激发而成

Package Dimensions 封装尺寸

Notes:

备注

1 All dimension units are millimeters. 所有标注尺寸单位为毫米



Selection Guide

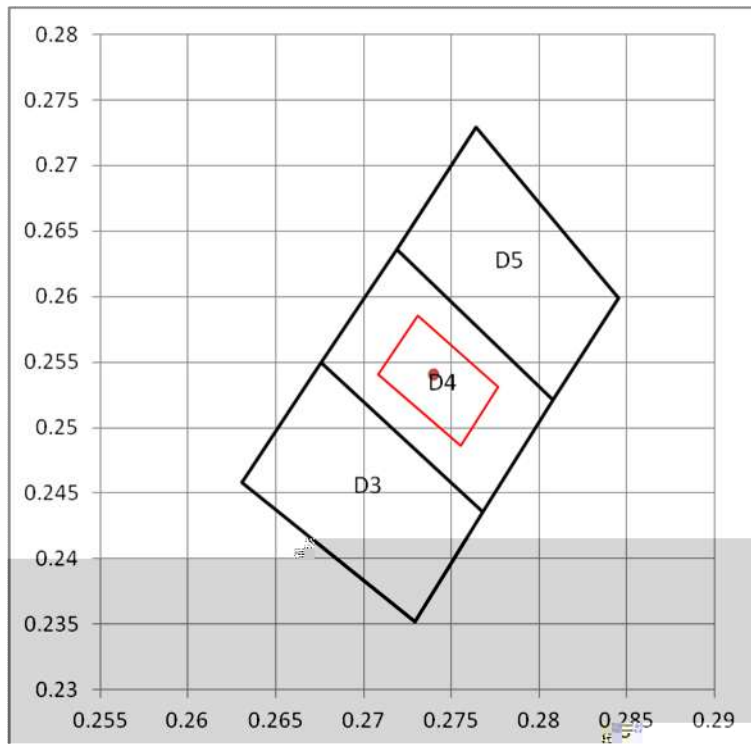
Electrical / Optical Characteristics at Ta=25

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BIN	IV	Im
38b		
39a		
39b		
40a		
40b		
41a		
41b		
42a		
42b		
43a		

BIN	VF	V
B		
C		
D		
E		
F		
G		
H		
I		

BIN	WL
D5	
D4	
D3	

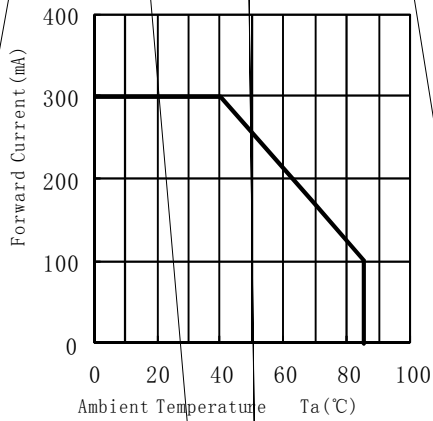


GROUP	Left down		Left up		Right up		Right down	
D5	0.2719	0.2636	0.2764	0.2729	0.2845	0.2599	0.2808	0.2521
D4	0.2676	0.2550	0.2719	0.2636	0.2808	0.2521	0.2768	0.2436
D3	0.2631	0.2458	0.2676	0.2550	0.2768	0.2436	0.2729	0.2352

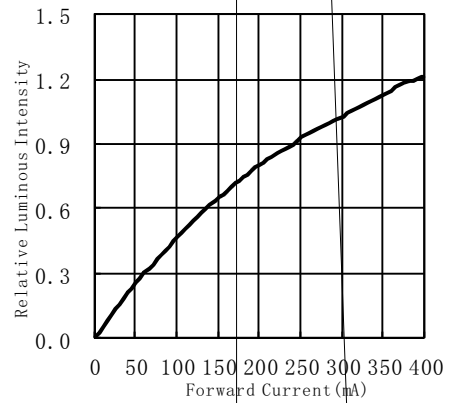
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Typical optical characteristics curves

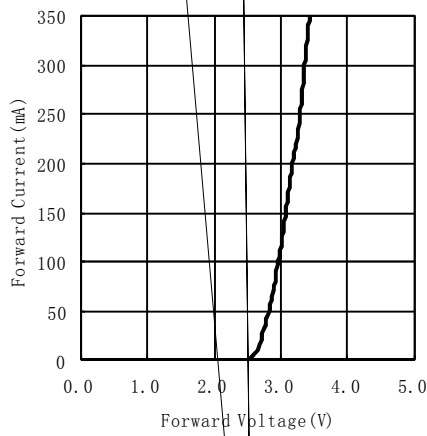
Ambient Temperature vs. Forward Current



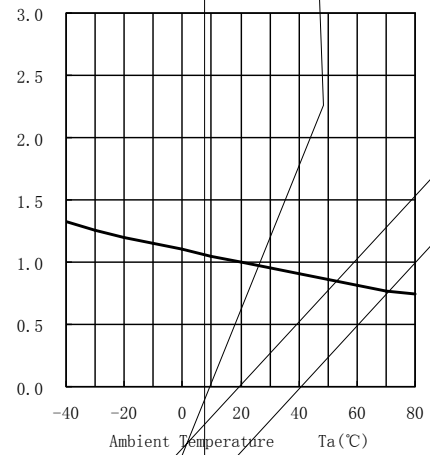
Forward Current VS. Relative Intensity



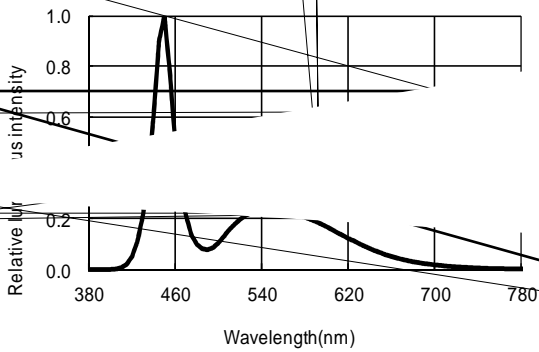
Forward Voltage VS. Forward Current



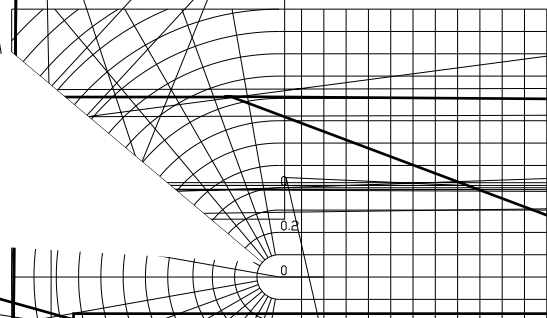
Ambient Temperature VS. Relative Intensity



Relative spectral emission



Radiation diagram





Test Items	Ref. Standard	Test Condition	Time	Quantity	Ac/Re /
Reflow	JESD22-B106	Temp:260 max T=10 sec	3 times.	22Pcs.	0/1
Temperature Cycle	JESD22-A104	100 ±5 30 min. 5 min -40 ±5 30 min.	100 Cycles	22Pcs.	0/1
High Temperature Storage	JESD22-A103	Temp:100 ±5	1000Hrs.	22Pcs.	0/1
Low Temperature Storage	JESD22-A119	Temp:-40 ±5	1000Hrs.	22Pcs.	0/1
Life Test	JESD22-A108	Ta=25 ±5 IF=300mA	1000Hrs.	22Pcs.	0/1
High Temperature High Humidity Life Test	JESD22-A101	85 ±5 / 85%RH			



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260°C

above 220°C
60 sec.max

180-200°C

over 120 sec

4°C



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