



Board Type	H[mm]	Material	Material thermal conductivity [W/(m*K)]	Dielectric thickness [µm]
NV	2	1060 Alloy	1.5	100
NS	1.6	1060 Alloy	1.5	100
NG	3	5052 Alloy	2	60
NT	2	5052 Alloy	2	60
NC	1.6	5052 Alloy	2	60
NL	1	5050Alloy	2	60
NM	2	Cu	3	60
NB	2	5052 Alloy	≥ 10; depends on design ³	60

Shape	
S	Star
R	Rectangular
C	Circular
P	Poligonal

Solder mask color	
B	Black
W	White
O	Orange
R	Red

Connection version	
I	Individual
S	Serial
P	Parallel
SP	Serial-Parallel
Blank	Default

¹ Not exist for RGBW and DWT LEDs

² Not exist for RGBW and DWT LEDs

³ Blind holes technology



LED Family	
XBD	XB-D
XPC	XP-C
XPE	XP-E
XHE	XP-E High efficiency
XPE2	XP-E2
XPG	XP-G
XPG2	XP-G2
XTE	XT-E
XTH	XT-E High Voltage
MCE	MC-E
XKR	XK-R
MLB	ML-B
MLC	ML-C
MLE	ML-E
MPL	MP-L
MTG	MT-G
MTG2	MT-G2
MX3	MX-3
MX6	MX-6
XMT	XM-L High Voltage
XML	XM-L
XML2	XM-L2
MKR	MK-R

Color code	
xyy	White
Wyy	Warm White
Nyy	Neutral White
Oyy	Outdoor White
Cyy	Cool White
	CRI
x01	no minimum CRI
xB1	70 minimum CRI
xH1	80 minimum CRI
xP1	85 minimum CRI
xU1	90 minimum CRI
x80	typical 80 CRI
x75	typical 75 CRI
x70	typical 70 CRI
	Colors
RED	Red
GRN	Green
BLU	Blue
ROY	Royal Blue
ORA	Orange
AMB	Amber
RDO	Red Orange
RGBx	RGBW
RGBC	Red, Green, Blue, Cool White
RGBN	Red, Green, Blue, Neutral White
	Dynamic White
DWT	Warm White & Cool White
	Easy White
27F	Easy White 4-Step Very Warm White 2700K
30F	Easy White 4-Step Warm White 3000K
35F	Easy White 4-Step Neutral White 3500K
40F	Easy White 4-Step Neutral White 4000K
27H	Easy White 2-Step Very Warm White 2700K
30H	Easy White 2-Step Warm White 3000K
35H	Easy White 2-Step Neutral White 3500K
40H	Easy White 2-Step Neutral White 4000K

Min. Luminous Flux per LED	
<i>fff</i>	Please refer to proper CREE Binning & Labeling documentation (http://www.cree.com/products/xlamp.asp) paragraph "Luminous or radiant flux group".

Chromacity code	
<i>rr</i>	Please refer to proper CREE Binning & Labeling documentation (http://www.cree.com/products/xlamp.asp) paragraph "Luminous or radiant flux group".