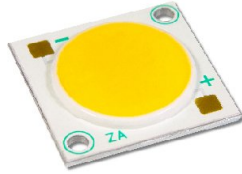




High-Power COB LEDs



CRI min: 70 cool white, 80 warm white
125deg viewing angle

Power LED Applications

- Outdoor Lighting
- Floodlights
- High Bay
- Security Lighting
- Bulbs and PARs

Flux Binning (lumens)

bin	min	max
B1	570	635
B2	635	700
C	700	800
D	800	900
E	900	1100
F1	1100	1250
F2	1250	1400
G1	1400	1600
G2	1600	1800
H1	1800	2000

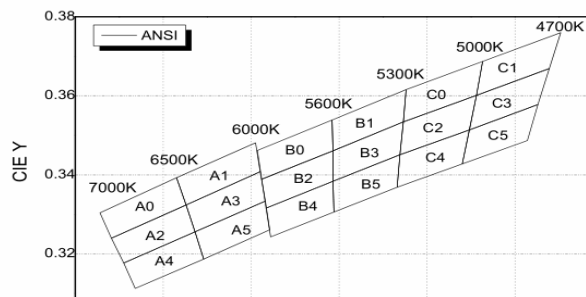
Vf Binning (V)

bin	min	max
A	23	26
B	26	29
C	29	32

part number	size (mm)	CCT	typ lumens	typ Vf (V)	Id rated (mA)	Pd max (W)	Rθ C/W	typ Vf (V)	If max (mA)	Tj max	Efficacy		
											If (mA)	Pd (W)	L/W
SBW01F1A	13.25sq, 10dia	4700-7000	760	25	270	8.1	2.6	25	300	125	150	3.6	132
											270	6.9	110
SBWW1F1A	13.25sq, 10dia	2700, 3000	610	25	270	8.1	2.6	25	300	125	150	3.6	101
											270	6.9	89
SBW02F1A	17.75sq, 13.9dia	4700-7000	1210	25	420	12.2	1.7	25	450	120	250	6.1	131
											420	10.9	115
SBWW2F1A	17.75sq, 13.9dia	2700, 3000	960	25	420	12.2	1.7	25	450	120	250	6.1	100
											420	10.9	90
SBW04F1A	19.5sq, 14.8dia	4700-7000	1730	28	540	18	1.2	28	600	125	400	10.9	124
											540	15.1	110
SBWW4F1A	19.5sq, 14.8dia	2700, 3000	1368	28	540	18	1.2	28	600	125	400	10.9	96
											540	15.1	90
SBW05F1A	28sq, 24.2dia	4700-7000	4950	36.5	1080	40	0.4	36.5	1280				
SBWW5F1A	28sq, 24.2dia	2700, 3000	3675	36.5	1080	40	0.4	36.5	1280				

CCT Binning

Pure White (SBW04F1A)



Warm White (SBWW4F1A)

