



SV3 Series

| Dimension | Product Code | Model | Rated Power (W) | LES (MM) | Rated Current (W) | Max Current (MA) | Voltage(V) | | Efficiency (LM/W@3000K) | Ra |
|--|--|-----------------------|-----------------|----------|-------------------|------------------|------------|-----|-------------------------|-----|
| | | | | | | | Min | Max | | |
| | SV3-1202 | BH1375-0212J6W*G-SV3 | 6 | φ7.5 | 180 | 460 | 32 | 38 | 155 | ≥80 |
| | | BH1375-0212J6W*H-SV3 | | | | | | | 130 | ≥90 |
| | SV3-1204 | BH1311-0412J12W*G-SV3 | 12 | φ11 | 360 | 920 | 32 | 38 | 165 | ≥80 |
| | | BH1311-0412J12W*H-SV3 | | | | | | | 135 | ≥90 |
| | SV3-1206 | BH1917-0612J18W*G-SV3 | 18 | φ17 | 540 | 1380 | 32 | 38 | 170 | ≥80 |
| | | BH1917-0612J18W*H-SV3 | | | | | | | 140 | ≥90 |
| | SV3-1208 | BH1917-0812J24W*G-SV3 | 24 | | 720 | 1840 | 32 | 38 | 170 | ≥80 |
| | | BH1917-0812J24W*H-SV3 | | | 140 | ≥90 | | | | |
| | SV3-1210 | BH1917-1012J30W*G-SV3 | 30 | | 900 | 2300 | 32 | 38 | 165 | ≥80 |
| | | BH1917-1012J30W*H-SV3 | | | | | | | 135 | ≥90 |
| | SV3-1214 | BH2321-1412J42W*G-SV3 | 42 | φ21 | 1260 | 3220 | 32 | 38 | 170 | ≥80 |
| | | BH2321-1412J42W*H-SV3 | | | | | | | 140 | ≥90 |
| NOTE | 1.aiming at provide healthy and comfortable lighting sources with high CRI COBs. | | | | | | | | | |
| | 2.We can make special light and color products based on requests; | | | | | | | | | |
| | 3.Customization of PCB size is acceptable on certain quantity and the design fee will be shared by both parties. | | | | | | | | | |
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KV4 Series

| Dimension | Product Code | Product Model | Rated Power (W) | Max Current (MA) | Voltage (V) | | Efficiency (LM/W@3000K) | Ra | Cross Reference |
|-----------|--|-----------------------|-----------------|------------------|-------------|-----|-------------------------|-----|-----------------|
| | | | | | Min | Max | | | |
| | KV4-1201 | BH1375-0112J3W*G-KV4 | 3 | 230 | 32 | 38 | 150 | ≥80 | CLU028-1201C4 |
| | | BH1375-0112J3W*H-KV4 | | | | | 125 | ≥90 | |
| | KV4-1202 | BH1375-0212J6W*G-KV4 | 6 | 460 | 32 | 38 | 150 | ≥80 | |
| | | BH1375-0212J6W*H-KV4 | | | | | 125 | ≥90 | |
| | KV4-1203 | BH1311-0312J9W*G-KV4 | 9 | 690 | 32 | 38 | 155 | ≥80 | CLU028-1203C4 |
| | | BH1311-0312J9W*H-KV4 | | | | | 130 | ≥90 | |
| | KV4-1204 | BH1311-0412J12W*G-KV4 | 12 | 920 | 32 | 38 | 155 | ≥80 | |
| | | BH1311-0412J12W*H-KV4 | | | | | 130 | ≥90 | |
| | KV4-1205 | BH1917-0512J15W*G-KV4 | 15 | 1150 | 32 | 38 | 160 | ≥80 | CLU038-1205C4 |
| | | BH1917-0512J15W*H-KV4 | | | | | 130 | ≥90 | |
| | KV4-1206 | BH1917-0612J18W*G-KV4 | 18 | 1380 | 32 | 38 | 160 | ≥80 | |
| | | BH1917-0612J18W*H-KV4 | | | | | 130 | ≥90 | |
| | KV4-1208 | BH1917-0812J24W*G-KV4 | 24 | 1840 | 32 | 38 | 160 | ≥80 | CLU038-1208C4 |
| | | BH1917-0812J24W*H-KV4 | | | | | 130 | ≥90 | |
| | KV4-1210 | BH1917-1012J30W*G-KV4 | 30 | 2300 | 32 | 38 | 160 | ≥80 | |
| | | BH1917-1012J30W*H-KV4 | | | | | 130 | ≥90 | |
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YV3 Series

| Dimension | Product Code | Model | Rated Power (W) | LES (MM) | Rated Current (mA) | Max Current (mA) | Voltage(V) | | Efficiency (LM/W@3000K) | Ra |
|-----------|--------------|-----------------------|-----------------|----------|--------------------|------------------|------------|-----|-------------------------|-----|
| | | | | | | | Min | Max | | |
| | YV3-1201 | BH1375-0112J5W*G-YV3 | 5 | φ7.5 | 130 | 200 | 34 | 42 | 125 | ≥80 |
| | | BH1375-0112J5W*H-YV3 | | | | | | | 103 | ≥90 |
| | YV3-1202 | BH1375-0212J7W*G-YV3 | 7 | | 200 | 400 | 34 | 42 | 125 | ≥80 |
| | | BH1375-0212J7W*H-YV3 | | | | | | | 103 | ≥90 |
| | YV3-1203 | BH1311-0312J12W*G-YV3 | 12 | φ11 | 350 | 600 | 34 | 42 | 130 | ≥80 |
| | | BH1311-0312J12W*H-YV3 | | | | | | | 108 | ≥90 |
| | YV3-1204 | BH1311-0412J15W*G-YV3 | 15 | | 400 | 800 | 34 | 42 | 130 | ≥80 |
| | | BH1311-0412J15W*H-YV3 | | | | | | | 108 | ≥90 |
| | YV3-1205 | BH1917-0512J20W*G-YV3 | 20 | φ17 | 550 | 1000 | 34 | 42 | 135 | ≥80 |
| | | BH1917-0512J20W*H-YV3 | | | | | | | 112 | ≥90 |
| | YV3-1206 | BH1917-0612J25W*G-YV3 | 25 | | 700 | 1200 | 34 | 42 | 135 | ≥80 |
| | | BH1917-0612J25W*H-YV3 | | | | | | | 112 | ≥90 |
| | YV3-1208 | BH1917-0812J35W*G-YV3 | 35 | | 950 | 1600 | 34 | 42 | 135 | ≥80 |
| | | BH1917-0812J35W*H-YV3 | | | | | | | 112 | ≥90 |
| | YV3-1206 | BH1816-0612J25W*G-YV3 | 25 | φ16 | 700 | 1200 | 34 | 42 | 135 | ≥80 |
| | | BH1816-0612J25W*H-YV3 | | | | | | | 112 | ≥90 |
| | YV3-1207 | BH1816-0712J30W*G-YV3 | 30 | | 800 | 1400 | 34 | 42 | 135 | ≥80 |
| | | BH1816-0712J30W*H-YV3 | | | | | | | 112 | ≥90 |
| | YV3-1208 | BH1816-0812J35W*G-YV3 | 35 | | 950 | 1600 | 34 | 42 | 135 | ≥80 |
| | | BH1816-0812J35W*H-YV3 | | | | | | | 112 | ≥90 |

NOTE

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- 2.We can make special light and color products based on requests;
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SG3 Series

| Dimension | Product Code | Model | Rated Power (W) | LES (MM) | Rated Current (mA) | Max Current (MA) | Voltage(V) | | CCT (K) | Efficiency (LM/W) | Ra (Typ.) |
|-----------|--------------|-----------------------|-----------------|----------|--------------------|------------------|------------|-----|---------|-------------------|-----------|
| | | | | | | | Min | Max | | | |
| | SG3-1202 | BH1375-0212J6W*S-SG3 | 6 | φ7.5 | 180 | 400 | 32 | 38 | 2700 | 100 | 97 |
| | | | | | | | | | 3000 | 105 | |
| | | | | | | | | | 4000 | 110 | |
| | SG3-1203 | BH1311-0312J9W*S-SG3 | 9 | φ11 | 270 | 600 | 32 | 38 | 2700 | 105 | 97 |
| | | | | | | | | | 3000 | 110 | |
| | | | | | | | | | 4000 | 115 | |
| | SG3-1204 | BH1311-0412J12W*S-SG3 | 12 | φ11 | 360 | 800 | 32 | 38 | 2700 | 105 | 97 |
| | | | | | | | | | 3000 | 110 | |
| | | | | | | | | | 4000 | 115 | |
| | SG3-1206 | BH1917-0612J18W*S-SG3 | 18 | φ17 | 540 | 1200 | 32 | 38 | 2700 | 110 | 97 |
| | | | | | | | | | 3000 | 115 | |
| | | | | | | | | | 4000 | 120 | |
| | SG3-1208 | BH1917-0812J24W*S-SG3 | 24 | φ17 | 720 | 1600 | 32 | 38 | 2700 | 110 | 97 |
| | | | | | | | | | 3000 | 115 | |
| | | | | | | | | | 4000 | 120 | |
| | SG3-1210 | BH1917-1012J30W*S-SG3 | 30 | φ17 | 900 | 2000 | 32 | 38 | 2700 | 110 | 97 |
| | | | | | | | | | 3000 | 115 | |
| | | | | | | | | | 4000 | 120 | |



BKI& BKK Series

| Dimension | Product Code | Model | Rated Wattage (W) | Max. Wattage (W) | LES (MM) | Rated Current (MA) | Max. Current (MA) | Voltage (V) | | CCT (K) | Efficiency (LM/W) | Ra |
|-----------|--------------|------------------------|-------------------|------------------|----------|--------------------|-------------------|-------------|-----|------------|--------------------------------|-----|
| | | | | | | | | Min | Max | | | |
| | BKI-0304 | BK1306-0403I4WLSH-H2 | 4+4 | 4.5+4.5 | φ6 | 400 | 450 | 8.5 | 10 | 2700/6000K | 2700K:70LM/W 6000K:90LM/W | ≥90 |
| | BKI-1202 | BK1375-0212I6WLSH-H2 | 6+6 | 10+10 | φ7.6 | 160 | 230 | 34 | 42 | 2700/6000K | 2700K:75LM/W 6000K:95LM/W | ≥90 |
| | BKI-1204 | BK16105-0412I12WLSH-H2 | 12+12 | 20+20 | φ10.5 | 280 | 450 | 34 | 42 | 2700/6000K | 2700K:80LM/W 6000K:100LM/W | ≥90 |
| | BKI-1206 | BK1814-0612I18WLSH-H2 | 18+18 | 30+30 | φ14 | 450 | 700 | 34 | 42 | 2700/6000K | 2700K:80LM/W 6000K:100LM/W | ≥90 |
| | BKI-1208 | BK1917-0812I30WLSH-H2 | 30+30 | 36+36 | φ16.5 | 700 | 850 | 34 | 42 | 2700/6000K | 2700K:75LM/W 6000K:95LM/W | ≥90 |
| | BKK-1202 | BK1308-0212K10WLSH-H2 | 10+10 | 18+18 | φ8 | 280 | 400 | 32 | 38 | 2700/6000K | 2700K:90LM/W 6000K:105LM/W | ≥90 |
| | BKK-1302 | BK16105-0213K15WLSH-H2 | 15+15 | 20+20 | φ10.5 | 350 | 400 | 36 | 42 | 2700/6000K | 2700K:85LM/W 6000K:105LM/W | ≥90 |
| | BKK-1304 | BK1611-0413K20WLSH-H2 | 20+20 | 30+30 | φ11 | 550 | 750 | 36 | 42 | 2700/6000K | 2700K:90LM/W 6000K:105LM/W | ≥90 |
| | BKK-1306 | BK1814-0613K30WLSH-H2 | 30+30 | 50+50 | φ14 | 800 | 1100 | 36 | 42 | 2700/6000K | 2700K:90LM/W 6000K:105LM/W | ≥90 |
| | BKK-1307 | BK1917-0713K30WLSH-H2 | 30+30 | 50+50 | φ17 | 800 | 1200 | 36 | 42 | 2700/6000K | 2700K:100LM/W 6000K:110LM/W | ≥90 |
| | BKK-1314 | BK28245-1413K50WLSH-H2 | 50+50 | 80+80 | φ24.5 | 1300 | 2000 | 36 | 42 | 2700/6000K | 2700K:105LM/W 6000K:115LM/W | ≥90 |
| | BKK-1202 | BK1308-0212K10WLSS-V3 | 10+10 | 18+18 | φ8 | 280 | 400 | 32 | 38 | 2700/6000K | 2700K:70LM/W 6000K:90LM/W | ≥95 |
| | BKK-1304 | BK1611-0413K20WLSS-V3 | 20+20 | 30+30 | φ11 | 550 | 750 | 36 | 42 | 2700/6000K | 2700K:70LM/W 6000K:90LM/W | ≥95 |
| | BKK-1307 | BK1917-0713K30WLSS-V3 | 30+30 | 50+50 | φ17 | 800 | 1200 | 36 | 42 | 2700/6000K | 2700K:75LM/W 6000K:95LM/W | ≥95 |
| | DKK-1203 | DK1311-0312K10WVMH | 10 | 13 | φ11 | 300 | 350 | 34 | 38 | 1800-3000 | 3000K, 100lm/W | ≥90 |
| | DKK-1203 | DK1916-0612K20WVMH | 20 | 25 | φ16 | 600 | 700 | 34 | 38 | 1800-3000 | 3000K, 100lm/W | ≥90 |
| | DKK-1203 | DK1311-0312K10WUOH | 10 | 13 | φ11 | 300 | 350 | 34 | 38 | 2200-4000 | 4000K, 110lm/W | ≥90 |
| | DKK-1206 | DK1916-0612K20WUOH | 20 | 25 | φ16 | 600 | 700 | 34 | 38 | 2200-4000 | 4000K, 110lm/W | ≥90 |



RGBCW COB Series

| Dimension | Product Model | Wavelength (nm) / CCT (K) | Rated Power (W) | Max Power (W) | LES (MM) | Rated Current (MA) | Max Current (MA) | Voltage(V) | | Efficiency (LM/W) | Ra |
|-----------|--|---------------------------|-----------------|---------------|----------|--------------------|------------------|------------|-----|-------------------|-----|
| | | | | | | | | Min | Max | | |
| | NCW1611A- 30W-LSH | R:620-630nm | 4 | 6 | φ11 | 160 | 200 | 23 | 26 | / | / |
| | | G:520-530nm | 7 | 10 | | 280 | 400 | 23 | 26 | / | / |
| | | B:450-460nm | 7 | 10 | | 280 | 400 | 23 | 26 | / | / |
| | | C:6000K | 7 | 10 | | 280 | 400 | 23 | 26 | 105LM/W | ≥90 |
| | | W:2700K | 7 | 10 | | 280 | 400 | 23 | 26 | 90LM/W | ≥90 |
| | NCW1814B- 60W-LSH | R:620-630nm | 12 | 18 | φ14 | 280 | 400 | 34 | 40 | / | / |
| | | G:520-530nm | 12 | 18 | | 280 | 400 | 32 | 38 | / | / |
| | | B:450-460nm | 12 | 18 | | 280 | 400 | 34 | 40 | / | / |
| | | C:6000K | 12 | 18 | | 280 | 400 | 34 | 40 | 105LM/W | ≥90 |
| | | W:2700K | 12 | 18 | | 280 | 400 | 34 | 40 | 90LM/W | ≥90 |
| | NCW2320B- 100W-LSH | R:620-630nm | 12 | 15 | φ20 | 350 | 400 | 34 | 40 | / | / |
| | | G:520-530nm | 12 | 15 | | 350 | 400 | 34 | 40 | / | / |
| | | B:450-460nm | 12 | 15 | | 350 | 400 | 34 | 40 | / | / |
| | | C:6000K | 25 | 35 | | 700 | 900 | 34 | 40 | | ≥90 |
| | | W:2700K | 25 | 35 | | 700 | 900 | 34 | 40 | | ≥90 |
| | NCW1916B- 50W-LSH | R:620-630nm | 6 | 8 | φ16 | 160 | 200 | 34 | 40 | / | / |
| | | G:520-530nm | 12 | 18 | | 280 | 400 | 32 | 38 | / | / |
| | | B:450-460nm | 12 | 18 | | 280 | 400 | 34 | 40 | / | / |
| | | C:6000K | 12 | 18 | | 280 | 400 | 34 | 40 | 105LM/W | ≥90 |
| | | W:2700K | 12 | 18 | | 280 | 400 | 34 | 40 | 90LM/W | ≥90 |
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5335 Ceramic series

| Product Series | Dimension | Product model | Rated Power (W) | Max Power (W) | Beam Angle(de grees) | Rated Current (W) | Max Current (W) | Voltage (V) | | CCT (K) | Efficiency (lm/W) | Ra | Application |
|-------------------------------|-----------|-------------------|-----------------|---------------|----------------------|-------------------|-----------------|-------------|-----|-------------|-------------------|-----|---|
| | | | | | | | | Min | Max | | | | |
| White | | CX353511CW30G01 | 1 | 3 | 120 | 350 | 1000 | 2.8 | 3.6 | 3000K | 110-130 | >80 | Outdoor lighting |
| | | CX353511CW40G01 | 1 | 3 | 120 | 350 | 1000 | 2.8 | 3.6 | 4000K | 110-130 | >80 | |
| | | CX353511CW60G01 | 1 | 3 | 120 | 350 | 1000 | 2.8 | 3.6 | 6000K | 110-130 | >80 | |
| Red | | CX353511CR62001 | 0.8 | 1 | 120 | 350 | 500 | 1.8 | 2.4 | 620-630nm | 60-80 | / | Stage/ Landscape lighting; Outdoor lighting |
| Green | | CX353511CG52001 | 1 | 3 | 120 | 350 | 1000 | 2.8 | 3.6 | 520-530nm | 130-150 | / | |
| Blue | | CX353511CB46001 | 1 | 3 | 120 | 350 | 1000 | 2.8 | 3.6 | 460-470nm | 30-50 | / | |
| CX3535 CW (CCT tunable) | | CX353522BWLQH01 | 4 | 6 | 120 | 350 | 500 | 5.6 | 6.6 | 2700K | 140-160 | >90 | linear lamp/ Outdoor lighting |
| | | 5000K | | | | | | | | 200-220 | | | |
| | | CX353522BWLSH01 | 4 | 6 | 120 | 350 | 500 | 5.6 | 6.6 | 2700K | 140-160 | >90 | |
| | | | | | | | | | | 6000K | 200-220 | | |
| RGBW | | CX3535RGBW4W**G01 | 4 | 6 | 120 | 350 | 400 | 2.0 | 2.6 | 620-630nm | 30-50 | / | Landscape lighting /Outdoor lighting |
| | | | | | | | | 2.8 | 3.6 | 520-530nm | 90-110 | / | |
| | | | | | | | | 2.8 | 3.6 | 460-470nm | 20-40 | / | |
| | | | | | | | | 2.8 | 3.6 | 3000K/4000K | 80-100 | >80 | |