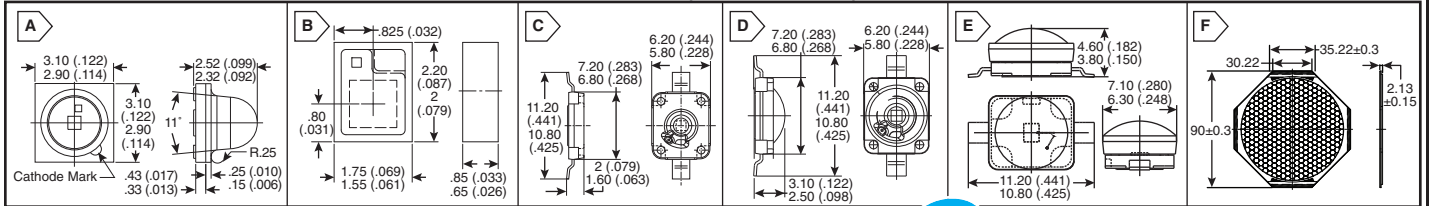


OSRAM High Power LEDs

OSRAM

Opto Semiconductors

RoHS Compliant This product is RoHS compliant.



OSLON SERIES

For quantities of 200 and up, call for quote.

| MOUSER STOCK NO. | Osram Part No. | Fig. | Series | Color | Wavelength | Typ. Efficiency | Power (W) | Voltage (VDC) | Current (mA) | Price Each | | | |
|-----------------------|------------------------|------|--------|-------------|------------|-----------------|-----------|---------------|--------------|------------|------|------|------|
| | | | | | | | | | | 1 | 10 | 50 | 100 |
| 720-LACN5MFBGB241Z | LA CN5M-FBGB-24-1-Z | A | SX | Amber | 617nm | 60 lm/W | 0.5 | 2.5 | 140 | 1.82 | 1.65 | 1.47 | 1.33 |
| 720-LYCNSMFAA361Z | LY CN5M-FAGA-36-1-Z | A | SX | Yellow | 590nm | 44 lm/W | 0.5 | 2.25 | 140 | 2.85 | 2.62 | 2.35 | 2.09 |
| 720-LTCN5MFBGB251Z | LT CN5M-FBGB-25-1-Z | A | SX | True Green | 528nm | 70 lm/W | 0.5 | 3.3 | 140 | 3.25 | 2.95 | 2.63 | 2.39 |
| 720-LTCN5MGAHB251Z | LT CN5M-GAHB-25-1-Z | A | SX | True Green | 528nm | 70 lm/W | 0.5 | 3.3 | 140 | 2.72 | 2.47 | 2.20 | 2.00 |
| 720-LDCN5M4Q4R351Z | LD CN5M-4Q4R-35-1-Z | A | SX | Deep Blue | 453nm | 36% | 0.5 | 3.3 | 140 | 3.25 | 2.95 | 2.63 | 2.39 |
| 720-LDCN5M1R1S351Z | LD CN5M-1R1S-35-1-Z | A | SX | Deep Blue | 453nm | 36% | 0.5 | 3.3 | 140 | 2.72 | 2.47 | 2.20 | 2.00 |
| 720-LUWCN5MGAHA5P7RZ | LUW CN5M-GAHA-5P7R-1-Z | A | SX | Ultra White | 6500 K | 73 lm/W | 0.5 | 3.6 | 140 | 3.23 | 3.17 | 3.06 | 2.46 |
| 720-LACP7PJXKX24 | LA CP7P-JXKX-24 | A | SSL | Amber | 617nm | 72 lm/W | 1.0 | 2.2 | 400 | 4.62 | 4.46 | 3.97 | 3.61 |
| 720-LTCP7P-JYKZ-26 | LT CP7P-JYKZ-26 | A | SSL | True Green | 528nm | 84 lm/W | 1.0 | 3.2 | 350 | 7.07 | 6.82 | 6.07 | 5.52 |
| 720-LDCP7P-1T2U-35 | LD CP7P-1T2U-35 | A | SSL | Deep Blue | 455nm | 46% | 1.0 | 3.2 | 350 | 6.48 | 6.25 | 5.57 | 5.06 |
| 720-LCWCP7PKPKR5R8T | LCW CP7P-KPKR-5R8T-35 | A | SSL | Warm White | 3000 K | 72 lm/W | 1.0 | 3.2 | 350 | 6.31 | 6.09 | 5.43 | 4.93 |
| 720-LCWCP7PKQKS5R8T | LCW CP7P-KQKS-5R8T-35 | A | SSL | Warm White | 3000 K | 72 lm/W | 1.0 | 3.2 | 350 | 7.01 | 6.77 | 6.03 | 5.48 |
| 720-LCWCP7PKQKS5L7N | LCW CP7P-KQKS-5L7N-35 | A | SSL | Warm White | 4000 K | 72 lm/W | 1.0 | 3.2 | 350 | 6.31 | 6.09 | 5.43 | 4.93 |
| 720-LUWCWP7PKSK5E8G35 | LUW CP7P-KSKU-5E8G-35 | A | SSL | Ultra White | 6000 K | 100 lm/W | 1.0 | 3.2 | 350 | 6.68 | 6.09 | 5.43 | 4.93 |
| 720-LUWCWP7PKTLP5E8G | LUW CP7P-KTLP-5E8G-35 | A | SSL | Ultra White | 6000 K | 100 lm/W | 1.0 | 3.2 | 350 | 7.02 | 6.77 | 6.03 | 5.48 |
| 720-LUWCWP7PKSK5C8E35 | LUW CP7P-KSKU-5C8E-35 | A | SSL | Ultra White | 6500 K | 100 lm/W | 1.0 | 3.2 | 350 | 6.68 | 6.09 | 5.43 | 4.93 |
| 720-LUWCWP7PKTLP5C8E | LUW CP7P-KTLP-5C8E-35 | A | SSL | Ultra White | 6500 K | 100 lm/W | 1.0 | 3.2 | 350 | 7.02 | 6.77 | 6.03 | 5.48 |

CERAMIC LEDS

For quantities of 200 and up, call for quote.

| MOUSER STOCK NO. | Osram Part No. | Fig. | Color | Wavelength | Luminous Flux (lm) | Power (W) | Voltage (VDC) | Current (mA) | Price Each | | | |
|--------------------|---------------------|------|-------------|------------|--------------------|-----------|---------------|--------------|------------|------|------|------|
| | | | | | | | | | 1 | 10 | 50 | 100 |
| 720-LAC9SMCADB241Z | LA C9SM-CADB-24-1-Z | B | Amber | 617nm | 15 | 0.5 | 2.1 | 140 | 1.82 | 1.66 | 1.46 | 1.33 |
| 720-LYC9SMBACB361 | LY C9SM-BACB-36-1 | B | Yellow | 590nm | 9.4 | 0.5 | 2.1 | 140 | 1.84 | 1.68 | 1.48 | 1.35 |
| 720-LWC9SNFOHA58SZ | LW C9SN-FOHA-58-S-Z | B | White | 5600K | 7.2 | --- | 3.5 | 500 | 6.48 | 5.98 | 5.26 | 4.78 |
| 720-LUWC9EPN4N6EGZ | LUW C9EP-N4N6-EG-Z | B | Ultra White | 6500K | 84 | --- | 3.4 | 500 | 5.53 | 5.10 | 4.59 | 4.08 |
| 720-LUWC9SPN4N6EGZ | LUW C9SP-N4N6-EG-Z | B | Ultra White | 6500K | 92 | --- | 3.4 | 500 | 5.27 | 4.86 | 4.37 | 3.89 |

GOLDEN DRAGON

For quantities of 200 and up, call for quote.

| MOUSER STOCK NO. | Osram Part No. | Fig. | Color | Wavelength | Power (W) | Current (mA) | Price Each | | | | | |
|---------------------|----------------------|------|-------------|------------|-----------|--------------|------------|-----|------|------|------|------|
| | | | | | | | 1 | 10 | 50 | 100 | | |
| 720-LRW5SMHYJY1Z | LR W5SM-HYJY-1-Z | C | Red | 625 nm | 49 | 1 | 2.2 | 400 | 2.85 | 2.62 | 2.35 | 2.09 |
| 720-LAW5SMHJZJ24Z | LA W5SM-HZJZ-24-Z | C | Amber (Red) | 617 nm | 70 | 1 | 2.2 | 400 | 2.85 | 2.62 | 2.35 | 2.09 |
| 720-LTW5SMHYJZ36Z | LT W5SM-HYJZ-36-Z | C | True Green | 528 nm | 70 | 1 | 3.2 | 350 | 5.14 | 4.74 | 4.27 | 3.80 |
| 720-LUW5SMJZKY5P7RZ | LUW W5SM-JZKY-5P7R-Z | C | Ultra White | 6500K | 81 | 1 | 3.2 | 350 | 5.76 | 5.32 | 4.79 | 4.26 |

GOLDEN DRAGON PLUS

For quantities of 200 and up, call for quote.

| MOUSER STOCK NO. | Osram Part No. | Fig. | Color | Wavelength | Power (W) | Current (mA) | Price Each | | | | | |
|---------------------|----------------------|------|-------------|------------|-----------|--------------|------------|------|-------|-------|-------|------|
| | | | | | | | 1 | 10 | 50 | 100 | | |
| 720-LRW5AMHJZJ1Z | LR W5AM-HZJZ-1-Z | D | Red | 625nm | 55 | 1 | 2.2 | 400 | 3.65 | 3.36 | 3.04 | 2.02 |
| 720-LAW5AMJXKX24Z | LA W5AM-JXKX-24-Z | D | Amber | 617nm | 63 | 1 | 2.2 | 400 | 3.65 | 3.36 | 3.04 | 2.02 |
| 720-LYW5AMHYJZ36Z | LY W5AM-HYJZ-36-Z | D | Yellow | 590nm | 48 | 1 | 2.2 | 400 | 3.65 | 3.36 | 3.03 | 2.69 |
| 720-LTW5AMJYKZ36Z | LT W5AM-JYKZ-36-Z | D | True Green | 528nm | 82 | 1 | 3.2 | 350 | 6.88 | 6.35 | 5.74 | 3.81 |
| 720-LBW5AMGYHY25Z | LB W5AM-GYHY-25-Z | D | Blue | 470nm | 25.5 | 1 | 3.2 | 350 | 6.88 | 6.35 | 5.74 | 3.81 |
| 720-LDW5AM3T3U35Z | LD W5AM-3T3U-35-Z | D | Deep Blue | 455nm | 492mW | 1 | 3.2 | 350 | 6.88 | 6.35 | 5.74 | 3.81 |
| 720-LCWW5AMHJZ4U9XZ | LCW W5AM-HZJZ-4U9X-Z | D | Warm white | 2700K | 65 | 1 | 3.2 | 350 | 6.08 | 5.98 | 5.41 | 3.59 |
| 720-LCWW5AMJYK4U9XZ | LCW W5AM-JYKX-4U9X-Z | D | Warm White | 2700K | 67 | 1 | 3.2 | 350 | 7.02 | 6.48 | 5.86 | 3.89 |
| 720-LCWW5AMJYK4R9TZ | LCW W5AM-JYKY-4R9T-Z | D | Warm white | 3000K | 71 | 1 | 3.2 | 350 | 5.92 | 5.46 | 4.94 | 3.28 |
| 720-LCWW5AMKXK4R9TZ | LCW W5AM-KXKY-4R9T-Z | D | Warm White | 3000K | 84 | 1 | 3.2 | 350 | 8.42 | 7.78 | 7.03 | 4.67 |
| 720-LCWW5AMJXK4O9QZ | LCW W5AM-JXKX-4O9Q-Z | D | Warm white | 3500K | 80 | 1 | 3.2 | 350 | 5.92 | 5.46 | 4.94 | 3.28 |
| 720-LCWW5AMJYK4O9QZ | LCW W5AM-JYKZ-4O9Q-Z | D | Warm White | 3500K | 82 | 1 | 3.2 | 350 | 6.48 | 5.98 | 5.41 | 3.59 |
| 720-LCWW5AMJZK4L8NZ | LCW W5AM-JZKY-4L8N-Z | D | Warm white | 4000K | 82 | 1 | 3.2 | 350 | 6.48 | 5.98 | 5.41 | 3.59 |
| 720-LCWW5AMKXK4L8NZ | LCW W5AM-KXKX-4L8N-Z | D | Warm White | 4000K | 91 | 1 | 3.2 | 350 | 7.38 | 6.82 | 6.16 | 4.09 |
| 720-LCWW5AMJYK4J8KZ | LCW W5AM-JYKY-4J8K-Z | D | Warm white | 4500K | 85 | 1 | 3.2 | 350 | 5.92 | 5.46 | 4.94 | 3.28 |
| 720-LCWW5AMJZK4J8KZ | LCW W5AM-JZKZ-4J8K-Z | D | Warm White | 4500K | 86 | 1 | 3.2 | 350 | 6.48 | 5.98 | 5.41 | 3.59 |
| 720-LW5AMKXKY6K7LZ | LW W5AM-KXKY-6K7L-Z | D | White | 5600K | 85 | 1 | 3.2 | 350 | 6.86 | 6.34 | 5.73 | 3.80 |
| 720-LUW5AMKYLX6P7QZ | LUW W5AM-KYLX-6P7Q-Z | D | Ultra white | 5700K | 112 | 1 | 3.2 | 350 | 6.73 | 6.21 | 5.61 | 3.73 |
| 720-LUW5AMKZLY6P7RZ | LUW W5AM-KZLY-6P7R-Z | D | Ultra White | 6500K | 123 | 1 | 3.2 | 350 | 7.57 | 6.99 | 6.32 | 4.19 |
| 720-LUW5AMLXLY6P7RZ | LUW W5AM-LXLY-6P7R-Z | D | Ultra White | 6500K | 131 | 1 | 3.2 | 350 | 8.40 | 7.76 | 7.02 | 4.66 |
| 720-LUW5APMNYN5P7RZ | LUW W5AP-MYNY-5P7R-Z | D | Ultra White | 6500K | 285 | 5 | 3.5 | 1400 | 14.63 | 11.70 | 10.24 | 9.36 |

DIAMOND DRAGON

Features:

- High junction temperature of up to 175°C
- High maximum forward current of up to 2 A
- Suitable for standard IR reflow soldering
- Low thermal resistance of 2.5 K/W (typ.)
- High efficiency

For quantities of 200 and up, call for quote.

| MOUSER STOCK NO. | Osram Part No. | Fig. | Color | Wavelength | Power (W) | Current (mA) | Price Each | | | | | |
|-------------------|-------------------|------|-------------|------------|-----------|--------------|------------|------|-------|-------|-------|------|
| | | | | | | | 1 | 10 | 50 | 100 | | |
| 720-LRW5APKZMX1Z | LR W5AP-KZMX-1-Z | E | Red | 625 nm | 150 | 3.5 | 2.5 | 1400 | 13.41 | 12.40 | 11.21 | 7.44 |
| 720-LAW5APLXMY24Z | LA W5AP-LXMY-24-Z | E | Amber (Red) | 617 nm | 185 | 3.5 | 2.5 | 1400 | 13.41 | 12.40 | 11.21 | 7.44 |
| 720-LYW5APKYLZ36Z | LY W5AP-KYLZ-36-Z | E | Yellow | 590 nm | 140 | 3.5 | 2.5 | 1400 | 13.41 | 12.40 | 11.21 | 7.44 |
| 720-LTW5APLYMZ25Z | LT W5AP-LYMZ-25-Z | E | True Green | 528 nm | 185 | 5 | 3.5 | 1400 | 13.41 | 12.40 | 11.21 | 7.44 |
| 720-LBW5APJYKY35Z | LB W5AP-JYKY-35-Z | E | Blue | 470 nm | 75 | 5 | 3.5 | 1400 | 14.94 | 13.81 | 12.49 | 8.29 |
| 720-LDW5AP3V8A35Z | LD W5AP-3V8A-35-Z | E | Deep Blue | 455 nm | 125mW | 5 | 3.5 | 1400 | 14.94 | 13.81 | 12.49 | 8.29 |

ORBEOS

Features:

- Format: lighting tile
- Output Area: 79.00mm diameter
- Interconnect: 4 contact ledges

Applications:

- Designer luminaries
- Decorative lighting, mood lighting

- Functional lighting
- General lighting

NEW!
TECHNOLOGY

For quantities of 200 and up, call for quote.

| MOUSER STOCK NO. | Osram Part No. | Fig. | Color | Color Temp. | Typ. Efficiency | Power (W) | Voltage (VDC) | Current (mA) | Price Each |
|-------------------|------------------------------|------|------------|-------------|-----------------|-----------|---------------|--------------|------------|
| | | | | | | | | | 1 |
| 720-OSP1G10WW2031 | OSP1G10WW2031C1000-3133-4Q9X | F | Warm White | 2800 K | 23 lm/W | 0.65 | 3.4 | 186 | 376.50 |