

ODEN LED Specifications



Project Name:

Catalog Number:

Type:

With six interchangeable caps and spun shade styles, the **Oden - LED** offers architects, designers and engineers endless possibilities for a custom fixture to fit their unique application.

The **Oden - LED Array's** high-quality, durable construction makes it an ideal fixture for any application.

Ordering Information

| MODEL | OPTICS | LEDs | CURRENT | KELVIN | VOLTAGE | MOUNTING | FINISH | CAP/SHADE | OPTIONS | OPTIONS |
|---------|-------------------------------------|--------------|-------------------|--------------------|------------------------|---|---------------------------------|-----------|--|---|
| ODN-1-L | T1 Type 1 | 16LC | 3 350mA | 3K 3000K | UNV 120-277V | YM Yoke Mount *Slips over 3" ØD tenon x 4" tall with special threaded mounting plate. | BZ Bronze | C1 | PC-120 PC-208 PC-240 PC-277 Photocell & Receptacle | DIM 0-10v Dimming Driver |
| | T2 Type 2 | 32LC | 5 530mA | 4K 4000K | 8 347V | | WB Weathered Brown | C2 | | |
| | T3 Type 3 | 48LC | 7 700mA | 5K 5000K | 5 480V | | BK Black | C3 | | |
| ODN-2-L | T4 Type 4 | 48LC | | | | UAM Arm Mount *Decorative arm not included | SBK Smooth Black | C4 | WSC-8 Motion Sensor 8' Mounting Height | VWC Visionaire Wireless Controls *Consult Factory |
| | T5 Type 5 | 64LC | | | | | WH White | C5 | | |
| | T5W Type 5 Wide | 80LC | | | | | SWH Smooth White | C6 | | |
| ODN-3-L | T5WR Type 5 Wide Round | 96LC | | | | ODN uses small arm. ODN-2 & ODN-3 uses large arm | GP Graphite | H1 | WSC-20 Motion Sensor 9-20' Mounting Height | IR-R Illuminated Rings Red |
| | | 96LC | | | | | GY Grey | H2 | | |
| | | 128LC | | | | | SL Silver Metallic | H3 | WSC-40 Motion Sensor 21-40' Mounting Height *The WSC option will require (1) FSIR 100 remote for programming | IR-G Illuminated Rings Green |
| | | | | | | FG Forest Green | H4 | | | |
| | | | | | | | VD Verdigris | H5 | | CLS Cutoff Louver Shield |
| | | | | | | | CC Custom Color | H6 | | |

Features & Specifications

ODEN

Housing

- High-quality, one-piece spun aluminum shade and durable cast aluminum top cap; available in three housing sizes.
- All external hardware is stainless steel.
- One-piece spun aluminum removable door assembly..

Thermal Management

- The Oden - LED provides excellent overall thermal management by maximizing the efficiency of the heat sink in the fixture. This enables the Oden - LED to withstand higher ambient temperatures and higher drive currents without degrading LED life.

Optical System

- The highest lumen output LEDs are utilized. Estimated life of the LEDs is 100,000+ hours. Available with 6 IES distribution patterns. Available with up to 96 LED. The optical system qualifies as IES full cutoff to restrict light trespass, glare and light pollution for neighborhood-friendly lighting.
- CRI values are 70

Quali-Guard® Finish

- Fixture components are chemically pretreated through a multiple-stage washer and finished with an electrostatically-applied, thermoset polyester powder coat textured paint with a 3 to 5 mils thickness. Finish is oven-baked at 400 °F for maximum adherence and finish hardness.
- Available in standard and custom colors.

Mounting

- The Oden - LED Array mounts to a wide selection of decorative and custom Visionaire mounting arms. Visionaire decorative mounting arm required. See Visionaire Mounting Arms section of the catalog.
- Oden 1 requires small decorative arm
- Oden 2 & Oden 3 requires large decorative arm

Electrical Assembly

- The Oden - LED is supplied with a high-performance LED driver, located in its cap, that accepts 120 V thru 277 V, and 480 V, 50 Hz to 60 Hz input. Power factor is 90%.
- Rated for -40 of operation.
- 10 kV surge protector supplied as standard.

Warranty

- Five (5) year Limited Warranty on entire system, including finish. For full warranty information, please visit www.visionairelighting.com.

Options

- Button type photocell
- Watt Stopper FSP-211
- 0-10 V dimming driver
- Wireless Controls
- Illuminated Rings
- Cutoff louver system

Listings

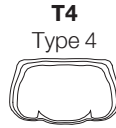
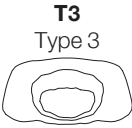
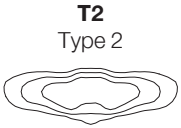
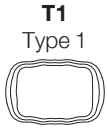
- Oden is cUL listed, suitable for wet locations.
- IP65 Rated
- IDA Certification
- LM79
- LM80
- Powder Coated Tough™



3000K must be selected for IDA certification.
Fixed mount must be selected for IDA dark sky certification.

ODEN LED Specifications

Photometric Optical Summary



EPA Data

| Fixture | Fixture Only | Fixture with VA110-S1 | 2 Fixtures with VA110-D2 | Fixture with VA107-S1 | 2 Fixtures with VA107-D2 |
|---------|--------------|-----------------------|--------------------------|-----------------------|--------------------------|
| ODN-1 | 1.2 | 2.2 | 4.1 | 3.5 | 5.6 |
| ODN-2 | 2.6 | 3.6 | 6.6 | 4.9 | 8.3 |
| ODN-3 | 3.5 | 4.5 | 8.6 | 5.8 | 9.8 |

Dimensions

Size 1

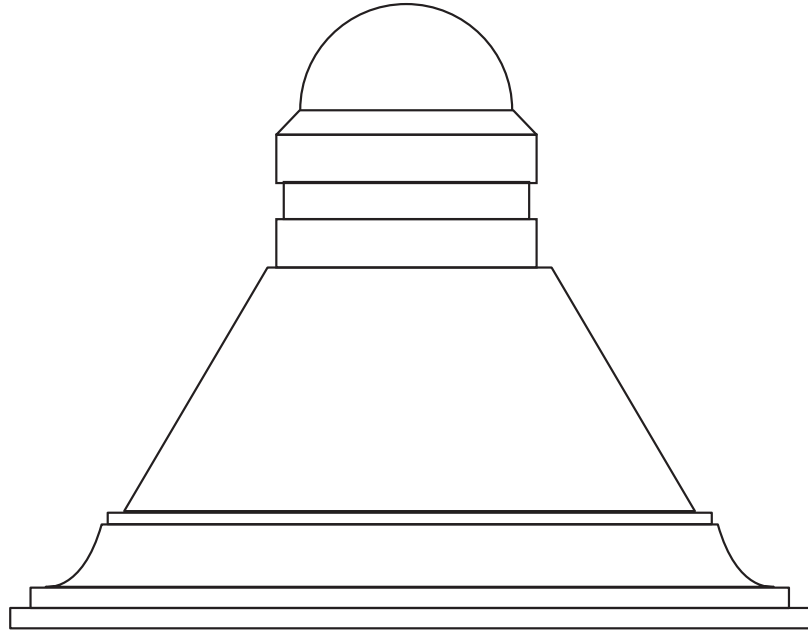
| | |
|----------------|-------------|
| Width: | ODN-1 20" |
| Height: | ODN-1 19.5" |
| Weight: | 40 LBS |

Size 2

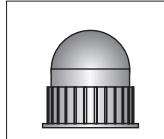
| | |
|----------------|-------------|
| Width: | ODN-2 25" |
| Height: | ODN-2 22.5" |
| Weight: | 53 LBS |

Size 3

| | |
|----------------|-----------|
| Width: | ODN-3 30" |
| Height: | ODN-3 24" |
| Weight: | 74 LBS |



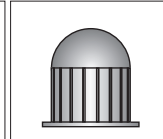
CAP 1 (C1)



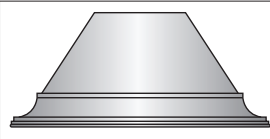
CAP 2 (C2)



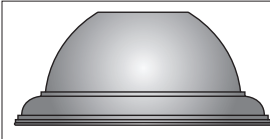
CAP 3 (C3)



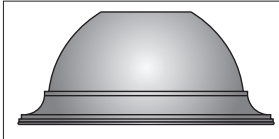
HOUSING 1 (H1)



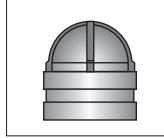
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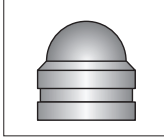
HOUSING 3 (H3)



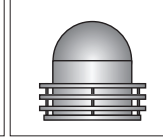
CAP 4 (C4)



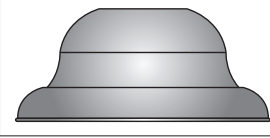
CAP 5 (C5)



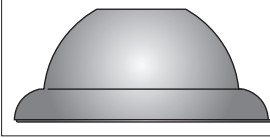
CAP 6 (C6)



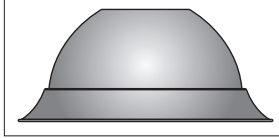
HOUSING 4 (H4)



HOUSING 5 (H5)



HOUSING 6 (H6)



| ODEN DATA | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------|--------|-----|--------|-------|---|---|-----|--------|-------|---|---|-----|--------|-------|---|---|-----|--------|-------|---|---|-----|--------|-------|---|---|-----|---------|-------|---|---|-----|-------|-----|
| | # LEDs | mA | Type 1 | B | U | G | LPW | Type 2 | B | U | G | LPW | Type 3 | B | U | G | LPW | Type 4 | B | U | G | LPW | Type 5 | B | U | G | LPW | Type 5W | B | U | G | LPW | Watts | |
| ODN-1 | 16 | 350 | 2561 | 1 | 0 | 1 | 142 | 2399 | 1 | 0 | 1 | 133 | 2443 | 1 | 0 | 1 | 136 | 2288 | 1 | 0 | 1 | 127 | 2568 | 1 | 0 | 1 | 143 | 2486 | 2 | 0 | 1 | 138 | 18 | |
| | | 530 | 3665 | 2 | 0 | 2 | 134 | 3433 | 1 | 0 | 1 | 126 | 3496 | 1 | 0 | 1 | 128 | 3275 | 1 | 0 | 1 | 120 | 3675 | 2 | 0 | 1 | 134 | 3558 | 2 | 0 | 1 | 130 | 27 | |
| | | 700 | 4572 | 2 | 0 | 2 | 124 | 4283 | 1 | 0 | 2 | 116 | 4361 | 1 | 0 | 1 | 118 | 4085 | 1 | 0 | 1 | 110 | 4585 | 2 | 0 | 1 | 124 | 4438 | 2 | 0 | 1 | 120 | 37 | |
| | 32 | 350 | 4875 | 2 | 0 | 2 | 135 | 4566 | 1 | 0 | 2 | 127 | 4649 | 1 | 0 | 1 | 129 | 4355 | 1 | 0 | 1 | 121 | 4888 | 2 | 0 | 1 | 136 | 4732 | 3 | 0 | 1 | 131 | 36 | |
| | | 530 | 7225 | 3 | 0 | 3 | 132 | 6767 | 2 | 0 | 2 | 124 | 6891 | 1 | 0 | 1 | 126 | 6455 | 1 | 0 | 2 | 118 | 7245 | 3 | 0 | 1 | 133 | 7013 | 3 | 0 | 1 | 128 | 55 | |
| | | 700 | 9013 | 3 | 0 | 3 | 129 | 8442 | 2 | 0 | 2 | 121 | 8596 | 1 | 0 | 2 | 123 | 8053 | 2 | 0 | 2 | 115 | 9037 | 3 | 0 | 1 | 129 | 8748 | 3 | 0 | 2 | 125 | 70 | |
| | 48 | 350 | 7701 | 3 | 0 | 3 | 144 | 7213 | 2 | 0 | 2 | 135 | 7345 | 1 | 0 | 1 | 137 | 6880 | 1 | 0 | 2 | 129 | 7722 | 3 | 0 | 1 | 144 | 7474 | 3 | 0 | 1 | 140 | 54 | |
| | | 530 | 11414 | 3 | 0 | 3 | 139 | 10690 | 2 | 0 | 3 | 130 | 10886 | 2 | 0 | 2 | 133 | 10198 | 2 | 0 | 2 | 124 | 11445 | 3 | 0 | 1 | 140 | 11078 | 3 | 0 | 2 | 135 | 82 | |
| | | 700 | 14237 | 3 | 0 | 3 | 133 | 13335 | 3 | 0 | 3 | 125 | 13580 | 2 | 0 | 2 | 127 | 12721 | 2 | 0 | 2 | 119 | 14276 | 3 | 0 | 2 | 133 | 13819 | 4 | 0 | 2 | 129 | 107 | |
| ODN-2 | 48 | 350 | 7701 | 3 | 0 | 3 | 144 | 7213 | 2 | 0 | 2 | 135 | 7345 | 1 | 0 | 1 | 137 | 6880 | 1 | 0 | 2 | 129 | 7722 | 3 | 0 | 1 | 144 | 7474 | 3 | 0 | 1 | 140 | 54 | |
| | | 530 | 11414 | 3 | 0 | 3 | 139 | 10690 | 2 | 0 | 3 | 130 | 10886 | 2 | 0 | 2 | 133 | 10198 | 2 | 0 | 2 | 124 | 11445 | 3 | 0 | 1 | 140 | 11078 | 3 | 0 | 2 | 135 | 82 | |
| | | 700 | 14237 | 3 | 0 | 3 | 133 | 13335 | 3 | 0 | 3 | 125 | 13580 | 2 | 0 | 2 | 127 | 12721 | 2 | 0 | 2 | 119 | 14276 | 3 | 0 | 2 | 133 | 13819 | 4 | 0 | 2 | 129 | 107 | |
| | 64 | 350 | 10058 | 3 | 0 | 3 | 140 | 9421 | 2 | 0 | 3 | 131 | 9593 | 2 | 0 | 2 | 133 | 8986 | 2 | 0 | 2 | 125 | 10085 | 3 | 0 | 1 | 140 | 9763 | 3 | 0 | 2 | 136 | 72 | |
| | | 530 | 14224 | 3 | 0 | 3 | 135 | 13323 | 3 | 0 | 3 | 127 | 13567 | 2 | 0 | 2 | 129 | 12709 | 2 | 0 | 2 | 121 | 14263 | 3 | 0 | 2 | 136 | 13807 | 4 | 0 | 2 | 131 | 105 | |
| | | 700 | 17919 | 4 | 0 | 4 | 128 | 16784 | 3 | 0 | 3 | 120 | 17091 | 2 | 0 | 2 | 122 | 16011 | 3 | 0 | 3 | 114 | 17969 | 4 | 0 | 2 | 128 | 17393 | 4 | 0 | 2 | 124 | 140 | |
| | 80 | 350 | 12294 | 3 | 0 | 3 | 138 | 11515 | 3 | 0 | 3 | 129 | 11726 | 2 | 0 | 2 | 132 | 10984 | 2 | 0 | 2 | 123 | 12328 | 3 | 0 | 2 | 139 | 11933 | 4 | 0 | 2 | 134 | 89 | |
| | | 530 | 17187 | 3 | 0 | 3 | 132 | 16098 | 3 | 0 | 3 | 124 | 16393 | 2 | 0 | 2 | 126 | 15356 | 3 | 0 | 3 | 118 | 17234 | 4 | 0 | 2 | 133 | 16683 | 4 | 0 | 2 | 128 | 130 | |
| | | 700 | 21635 | 4 | 0 | 4 | 122 | 20265 | 3 | 0 | 4 | 114 | 20636 | 3 | 0 | 3 | 117 | 19331 | 3 | 0 | 3 | 109 | 21695 | 4 | 0 | 2 | 123 | 21000 | 4 | 0 | 2 | 119 | 177 | |
| | 96 | 350 | 14832 | 3 | 0 | 3 | 136 | 13892 | 3 | 0 | 3 | 127 | 14146 | 2 | 0 | 2 | 130 | 13252 | 2 | 0 | 2 | 122 | 14872 | 3 | 0 | 2 | 136 | 14396 | 4 | 0 | 2 | 132 | 109 | |
| | | 530 | 21334 | 4 | 0 | 4 | 133 | 19982 | 3 | 0 | 3 | 125 | 20348 | 3 | 0 | 3 | 127 | 19061 | 3 | 0 | 3 | 119 | 21392 | 4 | 0 | 2 | 134 | 20707 | 4 | 0 | 2 | 129 | 160 | |
| | | 700 | 26644 | 4 | 0 | 4 | 127 | 24956 | 3 | 0 | 4 | 119 | 25412 | 3 | 0 | 3 | 121 | 23805 | 3 | 0 | 3 | 113 | 26717 | 4 | 0 | 2 | 127 | 25861 | 5 | 0 | 3 | 123 | 210 | |
| | ODN-3 | 96 | 350 | 14832 | 3 | 0 | 3 | 136 | 13892 | 3 | 0 | 3 | 127 | 14146 | 2 | 0 | 2 | 130 | 13252 | 2 | 0 | 2 | 122 | 14872 | 3 | 0 | 2 | 136 | 14396 | 4 | 0 | 2 | 132 | 109 |
| | | | 530 | 21334 | 4 | 0 | 4 | 133 | 19982 | 3 | 0 | 3 | 125 | 20348 | 3 | 0 | 3 | 127 | 19061 | 3 | 0 | 3 | 119 | 21392 | 4 | 0 | 2 | 134 | 20707 | 4 | 0 | 2 | 129 | 160 |
| | | | 700 | 26644 | 4 | 0 | 4 | 127 | 24956 | 3 | 0 | 4 | 119 | 25412 | 3 | 0 | 3 | 121 | 23805 | 3 | 0 | 3 | 113 | 26717 | 4 | 0 | 2 | 127 | 25861 | 5 | 0 | 3 | 123 | 210 |
| 128 | | 350 | 18258 | 4 | 0 | 4 | 127 | 17101 | 3 | 0 | 3 | 119 | 17415 | 2 | 0 | 2 | 121 | 16313 | 3 | 0 | 3 | 113 | 18308 | 4 | 0 | 2 | 127 | 17722 | 4 | 0 | 2 | 123 | 144 | |
| | | 530 | 25821 | 4 | 0 | 4 | 123 | 24186 | 3 | 0 | 4 | 115 | 24628 | 3 | 0 | 3 | 117 | 23071 | 3 | 0 | 3 | 110 | 25892 | 4 | 0 | 2 | 123 | 25063 | 5 | 0 | 3 | 119 | 210 | |
| | | 700 | 32530 | 5 | 0 | 4 | 119 | 30469 | 4 | 0 | 5 | 111 | 31026 | 3 | 0 | 4 | 113 | 29064 | 3 | 0 | 4 | 106 | 29064 | 5 | 0 | 3 | 119 | 31837 | 5 | 0 | 3 | 115 | 274 | |

Visit www.VisionaireLighting.com for up-to-the-minute chart information, including types not listed here. *Multiply 4K values by 0.96 5K / 0.95 3K

ODEN LED Specifications

| ODEN CLS - 3K LUMEN DATA | | | | | | | | | | |
|--------------------------|--------|--------------|-------|-------|-------|-------|-------|-------|-------|-------|
| | # Leds | Current (mA) | T1 | T2 | T3 | T4 | T5 | T5W | T5WR | Watts |
| ODN-1-L | 16 | 350 | 1776 | 1664 | 1694 | 1587 | 1781 | 1724 | 1738 | 18 |
| | | 530 | 2542 | 2381 | 2425 | 2271 | 2549 | 2467 | 2488 | 27 |
| | | 700 | 3171 | 2970 | 3024 | 2833 | 3180 | 3078 | 3103 | 37 |
| ODN-1-L | 32 | 350 | 3381 | 3166 | 3224 | 3020 | 3390 | 3281 | 3308 | 36 |
| | | 530 | 5011 | 4693 | 4779 | 4477 | 5024 | 4864 | 4904 | 55 |
| | | 700 | 6250 | 5854 | 5962 | 5585 | 6267 | 6067 | 6117 | 70 |
| ODN-1-L | 48 | 350 | 5340 | 5002 | 5094 | 4771 | 5355 | 5184 | 5227 | 54 |
| | | 530 | 7915 | 7414 | 7550 | 7072 | 7937 | 7683 | 7747 | 82 |
| | | 700 | 9874 | 9248 | 9417 | 8822 | 9901 | 9584 | 9664 | 107 |
| ODN-2-L | 48 | 350 | 5340 | 5002 | 5094 | 4771 | 5355 | 5184 | 5227 | 54 |
| | | 530 | 7915 | 7414 | 7550 | 7072 | 7937 | 7683 | 7747 | 82 |
| | | 700 | 9874 | 9248 | 9417 | 8822 | 9901 | 9584 | 9664 | 107 |
| ODN-2-L | 64 | 350 | 6975 | 6533 | 6653 | 6232 | 6994 | 6770 | 6827 | 72 |
| | | 530 | 9864 | 9240 | 9409 | 8814 | 9891 | 9575 | 9654 | 105 |
| | | 700 | 12427 | 11640 | 11853 | 11103 | 12461 | 12062 | 12163 | 140 |
| ODN-2-L | 80 | 350 | 8526 | 7986 | 8132 | 7618 | 8549 | 8276 | 8345 | 89 |
| | | 530 | 11919 | 11164 | 11369 | 10650 | 11952 | 11569 | 11666 | 130 |
| | | 700 | 15004 | 14054 | 14311 | 13406 | 15045 | 14564 | 14685 | 177 |
| ODN-2-L | 96 | 350 | 10286 | 9634 | 9810 | 9190 | 10314 | 9984 | 10067 | 109 |
| | | 530 | 14795 | 13858 | 14111 | 13219 | 14835 | 14361 | 14480 | 160 |
| | | 700 | 18477 | 17307 | 17624 | 16509 | 18528 | 17935 | 18084 | 210 |
| ODN-3-L | 96 | 350 | 10286 | 9634 | 9810 | 9190 | 10314 | 9984 | 10067 | 109 |
| | | 530 | 14795 | 13858 | 14111 | 13219 | 14835 | 14361 | 14480 | 160 |
| | | 700 | 18477 | 17307 | 17624 | 16509 | 18528 | 17935 | 18084 | 210 |
| ODN-3-L | 128 | 350 | 12662 | 11860 | 12077 | 11313 | 12697 | 12290 | 12392 | 144 |
| | | 530 | 17907 | 16773 | 17080 | 16000 | 17956 | 17381 | 17526 | 210 |
| | | 700 | 22559 | 21130 | 21517 | 20156 | 22621 | 21897 | 22080 | 274 |
| ODEN CLS - 4K LUMEN DATA | | | | | | | | | | |
| | # Leds | Current (mA) | T1 | T2 | T3 | T4 | T5 | T5W | T5WR | Watts |
| ODN-1-L | 16 | 350 | 1870 | 1751 | 1783 | 1671 | 1875 | 1815 | 1830 | 18 |
| | | 530 | 2676 | 2506 | 2552 | 2391 | 2683 | 2597 | 2619 | 27 |
| | | 700 | 3338 | 3126 | 3184 | 2982 | 3347 | 3240 | 3267 | 37 |
| ODN-1-L | 32 | 350 | 3559 | 3333 | 3394 | 3179 | 3568 | 3454 | 3483 | 36 |
| | | 530 | 5274 | 4940 | 5031 | 4712 | 5289 | 5120 | 5162 | 55 |
| | | 700 | 6579 | 6162 | 6275 | 5878 | 6597 | 6386 | 6439 | 70 |
| ODN-1-L | 48 | 350 | 5621 | 5265 | 5362 | 5023 | 5637 | 5456 | 5502 | 54 |
| | | 530 | 8332 | 7804 | 7947 | 7444 | 8355 | 8087 | 8155 | 82 |
| | | 700 | 10393 | 9735 | 9913 | 9286 | 10422 | 10088 | 10172 | 107 |
| ODN-2-L | 48 | 350 | 5621 | 5265 | 5362 | 5023 | 5637 | 5456 | 5502 | 54 |
| | | 530 | 8332 | 7804 | 7947 | 7444 | 8355 | 8087 | 8155 | 82 |
| | | 700 | 10393 | 9735 | 9913 | 9286 | 10422 | 10088 | 10172 | 107 |
| ODN-2-L | 64 | 350 | 7342 | 6877 | 7003 | 6560 | 7362 | 7127 | 7186 | 72 |
| | | 530 | 10384 | 9726 | 9904 | 9277 | 10412 | 10079 | 10163 | 105 |
| | | 700 | 13081 | 12252 | 12477 | 11688 | 13117 | 12697 | 12803 | 140 |
| ODN-2-L | 80 | 350 | 8975 | 8406 | 8560 | 8019 | 8999 | 8711 | 8784 | 89 |
| | | 530 | 12547 | 11752 | 11967 | 11210 | 12581 | 12178 | 12280 | 130 |
| | | 700 | 15794 | 14793 | 15064 | 14111 | 15837 | 15330 | 15458 | 177 |
| ODN-2-L | 96 | 350 | 10827 | 10141 | 10327 | 9674 | 10857 | 10509 | 10597 | 109 |
| | | 530 | 15574 | 14587 | 14854 | 13915 | 15616 | 15116 | 15242 | 160 |
| | | 700 | 19450 | 18218 | 18551 | 17378 | 19503 | 18879 | 19036 | 210 |
| ODN-3-L | 96 | 350 | 10827 | 10141 | 10327 | 9674 | 10857 | 10509 | 10597 | 109 |
| | | 530 | 15574 | 14587 | 14854 | 13915 | 15616 | 15116 | 15242 | 160 |
| | | 700 | 19450 | 18218 | 18551 | 17378 | 19503 | 18879 | 19036 | 210 |
| ODN-3-L | 128 | 350 | 13328 | 12484 | 12713 | 11909 | 13365 | 12937 | 13045 | 144 |
| | | 530 | 18850 | 17655 | 17979 | 16842 | 18901 | 18296 | 18449 | 210 |
| | | 700 | 23747 | 22242 | 22649 | 21217 | 23812 | 23049 | 23241 | 274 |

| ODEN CLS - 5K LUMEN DATA | | | | | | | | | | |
|--------------------------|--------|--------------|-------|-------|-------|-------|-------|-------|-------|-------|
| | # Leds | Current (mA) | T1 | T2 | T3 | T4 | T5 | T5W | T5WR | Watts |
| ODN-1-L | 16 | 350 | 1794 | 1680 | 1711 | 1603 | 1799 | 1742 | 1743 | 18 |
| | | 530 | 2567 | 2405 | 2449 | 2294 | 2575 | 2492 | 2494 | 27 |
| | | 700 | 3203 | 3000 | 3055 | 2862 | 3212 | 3109 | 3111 | 37 |
| ODN-1-L | 32 | 350 | 3415 | 3198 | 3257 | 3051 | 3424 | 3314 | 3317 | 36 |
| | | 530 | 5061 | 4741 | 4827 | 4522 | 5075 | 4913 | 4917 | 55 |
| | | 700 | 6314 | 5914 | 6022 | 5641 | 6331 | 6128 | 6133 | 70 |
| ODN-1-L | 48 | 350 | 5394 | 5052 | 5145 | 4819 | 5409 | 5236 | 5240 | 54 |
| | | 530 | 7995 | 7489 | 7626 | 7144 | 8017 | 7761 | 7766 | 82 |
| | | 700 | 9973 | 9342 | 9513 | 8911 | 10001 | 9681 | 9688 | 107 |
| ODN-2-L | 48 | 350 | 5394 | 5052 | 5145 | 4819 | 5409 | 5236 | 5240 | 54 |
| | | 530 | 7995 | 7489 | 7626 | 7144 | 8017 | 7761 | 7766 | 82 |
| | | 700 | 9973 | 9342 | 9513 | 8911 | 10001 | 9681 | 9688 | 107 |
| ODN-2-L | 64 | 350 | 7045 | 6599 | 6720 | 6295 | 7065 | 6839 | 6844 | 72 |
| | | 530 | 9964 | 9333 | 9504 | 8902 | 9992 | 9672 | 9679 | 105 |
| | | 700 | 12552 | 11757 | 11973 | 11216 | 12587 | 12184 | 12193 | 140 |
| ODN-2-L | 80 | 350 | 8612 | 8067 | 8214 | 7695 | 8636 | 8359 | 8366 | 89 |
| | | 530 | 12040 | 11277 | 11484 | 10757 | 12073 | 11687 | 11695 | 130 |
| | | 700 | 15156 | 14196 | 14455 | 13541 | 15197 | 14711 | 14722 | 177 |
| ODN-2-L | 96 | 350 | 10389 | 9732 | 9910 | 9283 | 10418 | 10084 | 10092 | 109 |
| | | 530 | 14945 | 13998 | 14254 | 13352 | 14985 | 14506 | 14517 | 160 |
| | | 700 | 18664 | 17481 | 17802 | 17227 | 18715 | 18116 | 18130 | 210 |
| ODN-3-L | 96 | 350 | 10389 | 9732 | 9910 | 9283 | 10418 | 10084 | 10092 | 109 |
| | | 530 | 14945 | 13998 | 14254 | 13352 | 14985 | 14506 | 14517 | 160 |
| | | 700 | 18664 | 17481 | 17802 | 17227 | 18715 | 18116 | 18130 | 210 |
| ODN-3-L | 128 | 350 | 12790 | 11980 | 12199 | 11427 | 12825 | 12414 | 12424 | 144 |
| | | 530 | 18088 | 16942 | 17252 | 16161 | 18138 | 17557 | 17570 | 210 |
| | | 700 | 22787 | 21344 | 21734 | 20360 | 22850 | 22118 | 22134 | 274 |

ODEN LED Specifications

| ODEN CLS - 3K LUMEN PER WATT DATA | | | | | | | | | | |
|-----------------------------------|--------|--------------|-----|----|-----|----|-----|-----|------|-------|
| | # Leds | Current (mA) | T1 | T2 | T3 | T4 | T5 | T5W | T5WR | Watts |
| ODN-1-L | 16 | 350 | 99 | 92 | 94 | 88 | 99 | 96 | 97 | 18 |
| | | 530 | 93 | 87 | 89 | 83 | 93 | 90 | 91 | 27 |
| | | 700 | 86 | 80 | 82 | 77 | 86 | 83 | 84 | 37 |
| ODN-1-L | 32 | 350 | 94 | 88 | 90 | 84 | 94 | 91 | 92 | 36 |
| | | 530 | 92 | 86 | 87 | 82 | 92 | 89 | 90 | 55 |
| | | 700 | 89 | 84 | 85 | 80 | 90 | 87 | 87 | 70 |
| ODN-1-L | 48 | 350 | 100 | 93 | 95 | 89 | 100 | 97 | 98 | 54 |
| | | 530 | 97 | 90 | 92 | 86 | 97 | 94 | 94 | 82 |
| | | 700 | 92 | 86 | 88 | 82 | 93 | 90 | 90 | 107 |
| ODN-2-L | 48 | 350 | 100 | 93 | 95 | 89 | 100 | 97 | 98 | 54 |
| | | 530 | 97 | 90 | 92 | 86 | 97 | 94 | 94 | 82 |
| | | 700 | 92 | 86 | 88 | 82 | 93 | 90 | 90 | 107 |
| ODN-2-L | 64 | 350 | 97 | 91 | 92 | 87 | 97 | 94 | 95 | 72 |
| | | 530 | 94 | 88 | 90 | 84 | 94 | 91 | 92 | 105 |
| | | 700 | 89 | 83 | 85 | 79 | 89 | 86 | 87 | 140 |
| ODN-2-L | 80 | 350 | 96 | 90 | 91 | 86 | 96 | 93 | 94 | 89 |
| | | 530 | 92 | 86 | 87 | 82 | 92 | 89 | 90 | 130 |
| | | 700 | 85 | 79 | 81 | 76 | 85 | 82 | 83 | 177 |
| ODN-2-L | 96 | 350 | 94 | 88 | 90 | 84 | 95 | 92 | 92 | 109 |
| | | 530 | 92 | 87 | 88 | 83 | 93 | 90 | 91 | 160 |
| | | 700 | 88 | 82 | 84 | 79 | 88 | 85 | 86 | 210 |
| ODN-3-L | 96 | 350 | 94 | 88 | 90 | 84 | 95 | 92 | 92 | 109 |
| | | 530 | 92 | 87 | 88 | 83 | 93 | 90 | 91 | 160 |
| | | 700 | 88 | 82 | 84 | 79 | 88 | 85 | 86 | 210 |
| ODN-3-L | 128 | 350 | 88 | 82 | 84 | 79 | 88 | 85 | 86 | 144 |
| | | 530 | 85 | 80 | 81 | 76 | 86 | 83 | 83 | 210 |
| | | 700 | 82 | 77 | 79 | 74 | 83 | 80 | 81 | 274 |
| ODEN CLS - 4K LUMEN PER WATT DATA | | | | | | | | | | |
| | # Leds | Current (mA) | T1 | T2 | T3 | T4 | T5 | T5W | T5WR | Watts |
| ODN-1-L | 16 | 350 | 104 | 97 | 99 | 93 | 104 | 101 | 102 | 18 |
| | | 530 | 98 | 92 | 93 | 87 | 98 | 95 | 96 | 27 |
| | | 700 | 90 | 84 | 86 | 81 | 90 | 88 | 88 | 37 |
| ODN-1-L | 32 | 350 | 99 | 93 | 94 | 88 | 99 | 96 | 97 | 36 |
| | | 530 | 96 | 90 | 92 | 86 | 97 | 94 | 94 | 55 |
| | | 700 | 94 | 88 | 90 | 84 | 94 | 91 | 92 | 70 |
| ODN-1-L | 48 | 350 | 105 | 98 | 100 | 94 | 105 | 102 | 103 | 54 |
| | | 530 | 102 | 95 | 97 | 91 | 102 | 99 | 99 | 82 |
| | | 700 | 97 | 91 | 93 | 87 | 97 | 94 | 95 | 107 |
| ODN-2-L | 48 | 350 | 105 | 98 | 100 | 94 | 105 | 102 | 103 | 54 |
| | | 530 | 102 | 95 | 97 | 91 | 102 | 99 | 99 | 82 |
| | | 700 | 97 | 91 | 93 | 87 | 97 | 94 | 95 | 107 |
| ODN-2-L | 64 | 350 | 102 | 96 | 97 | 91 | 102 | 99 | 100 | 72 |
| | | 530 | 99 | 93 | 94 | 88 | 99 | 96 | 97 | 105 |
| | | 700 | 93 | 88 | 89 | 83 | 94 | 91 | 91 | 140 |
| ODN-2-L | 80 | 350 | 101 | 94 | 96 | 90 | 101 | 98 | 99 | 89 |
| | | 530 | 97 | 90 | 92 | 86 | 97 | 94 | 94 | 130 |
| | | 700 | 89 | 84 | 85 | 80 | 89 | 87 | 87 | 177 |
| ODN-2-L | 96 | 350 | 99 | 93 | 95 | 89 | 100 | 96 | 97 | 109 |
| | | 530 | 97 | 91 | 93 | 87 | 98 | 94 | 95 | 160 |
| | | 700 | 93 | 87 | 88 | 83 | 93 | 90 | 91 | 210 |
| ODN-3-L | 96 | 350 | 99 | 93 | 95 | 89 | 100 | 96 | 97 | 109 |
| | | 530 | 97 | 91 | 93 | 87 | 98 | 94 | 95 | 160 |
| | | 700 | 93 | 87 | 88 | 83 | 93 | 90 | 91 | 210 |
| ODN-3-L | 128 | 350 | 93 | 87 | 88 | 83 | 93 | 90 | 91 | 144 |
| | | 530 | 90 | 84 | 86 | 80 | 90 | 87 | 88 | 210 |
| | | 700 | 87 | 81 | 83 | 77 | 87 | 84 | 85 | 274 |

| ODEN CLS - 5K LUMEN PER WATT DATA | | | | | | | | | | |
|-----------------------------------|--------|--------------|-----|----|----|----|-----|-----|------|-------|
| | # Leds | Current (mA) | T1 | T2 | T3 | T4 | T5 | T5W | T5WR | Watts |
| ODN-1-L | 16 | 350 | 100 | 93 | 95 | 89 | 100 | 97 | 97 | 18 |
| | | 530 | 94 | 88 | 90 | 84 | 94 | 91 | 91 | 27 |
| | | 700 | 87 | 81 | 83 | 77 | 87 | 84 | 84 | 37 |
| ODN-1-L | 32 | 350 | 95 | 89 | 90 | 85 | 95 | 92 | 92 | 36 |
| | | 530 | 93 | 87 | 88 | 83 | 93 | 90 | 90 | 55 |
| | | 700 | 90 | 84 | 86 | 81 | 90 | 88 | 88 | 70 |
| ODN-1-L | 48 | 350 | 101 | 94 | 96 | 90 | 101 | 98 | 98 | 54 |
| | | 530 | 97 | 91 | 93 | 87 | 98 | 95 | 95 | 82 |
| | | 700 | 93 | 87 | 89 | 83 | 93 | 90 | 91 | 107 |
| ODN-2-L | 48 | 350 | 101 | 94 | 96 | 90 | 101 | 98 | 98 | 54 |
| | | 530 | 97 | 91 | 93 | 87 | 98 | 95 | 95 | 82 |
| | | 700 | 93 | 87 | 89 | 83 | 93 | 90 | 91 | 107 |
| ODN-2-L | 64 | 350 | 98 | 92 | 93 | 87 | 98 | 95 | 95 | 72 |
| | | 530 | 95 | 89 | 91 | 85 | 95 | 92 | 92 | 105 |
| | | 700 | 90 | 84 | 86 | 80 | 90 | 87 | 87 | 140 |
| ODN-2-L | 80 | 350 | 97 | 91 | 92 | 86 | 97 | 94 | 94 | 89 |
| | | 530 | 93 | 87 | 88 | 83 | 93 | 90 | 90 | 130 |
| | | 700 | 86 | 80 | 82 | 77 | 86 | 83 | 83 | 177 |
| ODN-2-L | 96 | 350 | 95 | 89 | 91 | 85 | 96 | 93 | 93 | 109 |
| | | 530 | 93 | 87 | 89 | 83 | 94 | 91 | 91 | 160 |
| | | 700 | 89 | 83 | 85 | 82 | 89 | 86 | 86 | 210 |
| ODN-3-L | 96 | 350 | 95 | 89 | 91 | 85 | 96 | 93 | 93 | 109 |
| | | 530 | 93 | 87 | 89 | 83 | 94 | 91 | 91 | 160 |
| | | 700 | 89 | 83 | 85 | 82 | 89 | 86 | 86 | 210 |
| ODN-3-L | 128 | 350 | 89 | 83 | 85 | 79 | 89 | 86 | 86 | 144 |
| | | 530 | 86 | 81 | 82 | 77 | 86 | 84 | 84 | 210 |
| | | 700 | 83 | 78 | 79 | 74 | 83 | 81 | 81 | 274 |

ODEN LED Specifications

| ODEN CLS - 3K LUMEN PER WATT DATA | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------------|--------|--------------|----|---|---|----|---|---|----|---|---|----|---|---|----|---|---|-----|---|---|------|---|---|-------|
| | # Leds | Current (mA) | T1 | | | T2 | | | T3 | | | T4 | | | T5 | | | T5W | | | T5WR | | | Watts |
| | | | B | U | G | B | U | G | B | U | G | B | U | G | B | U | G | B | U | G | B | U | G | |
| ODN-1-L | 16 | 350 | 1 | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 1 | 1 | 0 | 1 | 1 | 0 | 1 | 1 | 0 | 1 | 18 |
| | | 530 | 1 | 0 | 1 | 1 | 0 | 1 | 1 | 0 | 1 | 1 | 0 | 1 | 1 | 0 | 1 | 1 | 0 | 1 | 1 | 0 | 1 | 27 |
| | | 700 | 1 | 0 | 1 | 1 | 0 | 1 | 1 | 0 | 1 | 1 | 0 | 1 | 1 | 0 | 1 | 1 | 0 | 1 | 1 | 0 | 1 | 37 |
| ODN-1-L | 32 | 350 | 1 | 0 | 1 | 1 | 0 | 2 | 1 | 0 | 1 | 1 | 0 | 1 | 1 | 0 | 1 | 1 | 0 | 1 | 1 | 0 | 1 | 36 |
| | | 530 | 2 | 0 | 2 | 1 | 0 | 2 | 1 | 0 | 2 | 1 | 0 | 2 | 1 | 0 | 1 | 2 | 0 | 2 | 2 | 0 | 2 | 55 |
| | | 700 | 2 | 0 | 2 | 1 | 0 | 2 | 1 | 0 | 2 | 1 | 0 | 2 | 2 | 0 | 1 | 2 | 0 | 2 | 2 | 0 | 2 | 70 |
| ODN-1-L | 48 | 350 | 2 | 0 | 2 | 1 | 0 | 2 | 1 | 0 | 2 | 1 | 0 | 2 | 1 | 0 | 1 | 2 | 0 | 2 | 2 | 0 | 2 | 54 |
| | | 530 | 2 | 0 | 2 | 1 | 0 | 3 | 1 | 0 | 2 | 1 | 0 | 2 | 2 | 0 | 2 | 2 | 0 | 2 | 2 | 0 | 2 | 82 |
| | | 700 | 3 | 0 | 3 | 1 | 0 | 3 | 2 | 0 | 3 | 2 | 0 | 3 | 2 | 0 | 3 | 2 | 0 | 3 | 3 | 0 | 3 | 107 |
| ODN-2-L | 48 | 350 | 2 | 0 | 2 | 1 | 0 | 2 | 1 | 0 | 2 | 1 | 0 | 2 | 1 | 0 | 1 | 2 | 0 | 2 | 2 | 0 | 2 | 54 |
| | | 530 | 2 | 0 | 2 | 1 | 0 | 3 | 1 | 0 | 2 | 1 | 0 | 2 | 2 | 0 | 2 | 2 | 0 | 2 | 2 | 0 | 2 | 82 |
| | | 700 | 3 | 0 | 3 | 1 | 0 | 3 | 2 | 0 | 3 | 2 | 0 | 3 | 2 | 0 | 3 | 2 | 0 | 3 | 3 | 0 | 3 | 107 |
| ODN-2-L | 64 | 350 | 2 | 0 | 2 | 1 | 0 | 2 | 1 | 0 | 2 | 1 | 0 | 2 | 2 | 0 | 1 | 2 | 0 | 2 | 2 | 0 | 2 | 72 |
| | | 530 | 3 | 0 | 3 | 1 | 0 | 3 | 2 | 0 | 3 | 2 | 0 | 3 | 2 | 0 | 2 | 3 | 0 | 3 | 3 | 0 | 3 | 105 |
| | | 700 | 3 | 0 | 3 | 2 | 0 | 3 | 2 | 0 | 3 | 2 | 0 | 3 | 2 | 0 | 2 | 3 | 0 | 3 | 3 | 0 | 3 | 140 |
| ODN-2-L | 80 | 350 | 2 | 0 | 2 | 1 | 0 | 3 | 2 | 0 | 2 | 1 | 0 | 2 | 2 | 0 | 2 | 2 | 0 | 2 | 2 | 0 | 2 | 89 |
| | | 530 | 3 | 0 | 3 | 2 | 0 | 3 | 2 | 0 | 3 | 2 | 0 | 3 | 2 | 0 | 2 | 3 | 0 | 3 | 3 | 0 | 3 | 130 |
| | | 700 | 3 | 0 | 3 | 2 | 0 | 3 | 2 | 0 | 3 | 2 | 0 | 3 | 3 | 0 | 3 | 3 | 0 | 3 | 3 | 0 | 3 | 177 |
| ODN-2-L | 96 | 350 | 3 | 0 | 3 | 2 | 0 | 3 | 2 | 0 | 3 | 2 | 0 | 3 | 2 | 0 | 2 | 3 | 0 | 3 | 3 | 0 | 3 | 109 |
| | | 530 | 3 | 0 | 3 | 2 | 0 | 3 | 2 | 0 | 3 | 2 | 0 | 3 | 3 | 0 | 3 | 3 | 0 | 3 | 3 | 0 | 3 | 160 |
| | | 700 | 3 | 0 | 3 | 2 | 0 | 4 | 3 | 0 | 3 | 2 | 0 | 3 | 3 | 0 | 3 | 3 | 0 | 3 | 3 | 0 | 3 | 210 |
| ODN-3-L | 96 | 350 | 3 | 0 | 3 | 2 | 0 | 3 | 2 | 0 | 3 | 2 | 0 | 3 | 2 | 0 | 2 | 3 | 0 | 3 | 3 | 0 | 3 | 109 |
| | | 530 | 3 | 0 | 3 | 2 | 0 | 3 | 2 | 0 | 3 | 2 | 0 | 3 | 3 | 0 | 3 | 3 | 0 | 3 | 3 | 0 | 3 | 160 |
| | | 700 | 3 | 0 | 3 | 2 | 0 | 4 | 3 | 0 | 3 | 2 | 0 | 3 | 3 | 0 | 3 | 3 | 0 | 3 | 3 | 0 | 3 | 210 |
| ODN-3-L | 128 | 350 | 3 | 0 | 3 | 2 | 0 | 3 | 2 | 0 | 3 | 2 | 0 | 3 | 2 | 0 | 2 | 3 | 0 | 3 | 3 | 0 | 3 | 144 |
| | | 530 | 3 | 0 | 3 | 2 | 0 | 4 | 3 | 0 | 3 | 2 | 0 | 3 | 3 | 0 | 3 | 3 | 0 | 3 | 3 | 0 | 3 | 210 |
| | | 700 | 4 | 0 | 4 | 3 | 0 | 4 | 3 | 0 | 4 | 3 | 0 | 4 | 3 | 0 | 3 | 3 | 0 | 4 | 3 | 0 | 4 | 274 |

| ODEN CLS - 4K LUMEN PER WATT DATA | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------------|--------|--------------|----|---|---|----|---|---|----|---|---|----|---|---|----|---|---|-----|---|---|------|---|---|-------|
| | # Leds | Current (mA) | T1 | | | T2 | | | T3 | | | T4 | | | T5 | | | T5W | | | T5WR | | | Watts |
| | | | B | U | G | B | U | G | B | U | G | B | U | G | B | U | G | B | U | G | B | U | G | |
| ODN-1-L | 16 | 350 | 1 | 0 | 1 | 0 | 0 | 1 | 1 | 0 | 1 | 0 | 0 | 1 | 1 | 0 | 1 | 1 | 0 | 1 | 1 | 0 | 1 | 18 |
| | | 530 | 1 | 0 | 1 | 1 | 0 | 1 | 1 | 0 | 1 | 1 | 0 | 1 | 1 | 0 | 1 | 1 | 0 | 1 | 1 | 0 | 1 | 27 |
| | | 700 | 1 | 0 | 1 | 1 | 0 | 2 | 1 | 0 | 1 | 1 | 0 | 1 | 1 | 0 | 1 | 1 | 0 | 1 | 1 | 0 | 1 | 37 |
| ODN-1-L | 32 | 350 | 1 | 0 | 1 | 1 | 0 | 2 | 1 | 0 | 1 | 1 | 0 | 1 | 1 | 0 | 1 | 1 | 0 | 1 | 1 | 0 | 1 | 36 |
| | | 530 | 2 | 0 | 2 | 1 | 0 | 2 | 1 | 0 | 2 | 1 | 0 | 2 | 1 | 0 | 1 | 2 | 0 | 2 | 2 | 0 | 2 | 55 |
| | | 700 | 2 | 0 | 2 | 1 | 0 | 2 | 1 | 0 | 2 | 1 | 0 | 2 | 2 | 0 | 1 | 2 | 0 | 2 | 2 | 0 | 2 | 70 |
| ODN-1-L | 48 | 350 | 2 | 0 | 2 | 1 | 0 | 2 | 1 | 0 | 2 | 1 | 0 | 2 | 1 | 0 | 1 | 2 | 0 | 2 | 2 | 0 | 2 | 54 |
| | | 530 | 2 | 0 | 2 | 1 | 0 | 3 | 2 | 0 | 2 | 1 | 0 | 2 | 2 | 0 | 2 | 2 | 0 | 2 | 2 | 0 | 2 | 82 |
| | | 700 | 3 | 0 | 3 | 2 | 0 | 3 | 2 | 0 | 3 | 2 | 0 | 3 | 2 | 0 | 3 | 2 | 0 | 3 | 3 | 0 | 3 | 107 |
| ODN-2-L | 48 | 350 | 2 | 0 | 2 | 1 | 0 | 2 | 1 | 0 | 2 | 1 | 0 | 2 | 1 | 0 | 1 | 2 | 0 | 2 | 2 | 0 | 2 | 54 |
| | | 530 | 2 | 0 | 2 | 1 | 0 | 3 | 2 | 0 | 2 | 1 | 0 | 2 | 2 | 0 | 2 | 2 | 0 | 2 | 2 | 0 | 2 | 82 |
| | | 700 | 3 | 0 | 3 | 2 | 0 | 3 | 2 | 0 | 3 | 2 | 0 | 3 | 2 | 0 | 2 | 3 | 0 | 3 | 3 | 0 | 3 | 107 |
| ODN-2-L | 64 | 350 | 2 | 0 | 2 | 1 | 0 | 3 | 1 | 0 | 2 | 1 | 0 | 2 | 2 | 0 | 2 | 2 | 0 | 2 | 2 | 0 | 2 | 72 |
| | | 530 | 3 | 0 | 3 | 2 | 0 | 3 | 2 | 0 | 3 | 2 | 0 | 3 | 2 | 0 | 2 | 3 | 0 | 3 | 3 | 0 | 3 | 105 |
| | | 700 | 3 | 0 | 3 | 2 | 0 | 3 | 2 | 0 | 3 | 2 | 0 | 3 | 2 | 0 | 2 | 3 | 0 | 3 | 3 | 0 | 3 | 140 |
| ODN-2-L | 80 | 350 | 3 | 0 | 3 | 1 | 0 | 3 | 2 | 0 | 2 | 1 | 0 | 2 | 2 | 0 | 2 | 2 | 0 | 2 | 2 | 0 | 2 | 89 |
| | | 530 | 3 | 0 | 3 | 2 | 0 | 3 | 2 | 0 | 3 | 2 | 0 | 3 | 2 | 0 | 2 | 3 | 0 | 3 | 3 | 0 | 3 | 130 |
| | | 700 | 3 | 0 | 3 | 2 | 0 | 3 | 2 | 0 | 3 | 2 | 0 | 3 | 3 | 0 | 3 | 3 | 0 | 3 | 3 | 0 | 3 | 177 |
| ODN-2-L | 96 | 350 | 3 | 0 | 3 | 2 | 0 | 3 | 2 | 0 | 3 | 2 | 0 | 3 | 2 | 0 | 2 | 3 | 0 | 3 | 3 | 0 | 3 | 109 |
| | | 530 | 3 | 0 | 3 | 2 | 0 | 3 | 2 | 0 | 3 | 2 | 0 | 3 | 3 | 0 | 3 | 3 | 0 | 3 | 3 | 0 | 3 | 160 |
| | | 700 | 3 | 0 | 4 | 2 | 0 | 4 | 3 | 0 | 3 | 3 | 0 | 3 | 3 | 0 | 3 | 3 | 0 | 4 | 3 | 0 | 3 | 210 |
| ODN-3-L | 96 | 350 | 3 | 0 | 3 | 2 | 0 | 3 | 2 | 0 | 3 | 2 | 0 | 3 | 2 | 0 | 2 | 3 | 0 | 3 | 3 | 0 | 3 | 109 |
| | | 530 | 3 | 0 | 3 | 2 | 0 | 3 | 2 | 0 | 3 | 2 | 0 | 3 | 3 | 0 | 3 | 3 | 0 | 3 | 3 | 0 | 3 | 160 |
| | | 700 | 3 | 0 | 4 | 2 | 0 | 4 | 3 | 0 | 3 | 3 | 0 | 3 | 3 | 0 | 3 | 3 | 0 | 4 | 3 | 0 | 3 | 210 |
| ODN-3-L | 128 | 350 | 3 | 0 | 3 | 2 | 0 | 3 | 2 | 0 | 3 | 2 | 0 | 3 | 2 | 0 | 2 | 3 | 0 | 3 | 3 | 0 | 3 | 144 |
| | | 530 | 3 | 0 | 3 | 2 | 0 | 4 | 3 | 0 | 3 | 3 | 0 | 3 | 3 | 0 | 3 | 3 | 0 | 4 | 3 | 0 | 3 | 210 |
| | | 700 | 4 | 0 | 4 | 3 | 0 | 4 | 3 | 0 | 4 | 3 | 0 | 4 | 3 | 0 | 3 | 3 | 0 | 4 | 4 | 0 | 4 | 274 |



| ODEN CLS - 5K LUMEN PER WATT DATA | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------------|--------|--------------|----|---|---|----|---|---|----|---|---|----|---|---|----|---|---|-----|---|---|------|---|---|-------|---|---|-----|
| | # Leds | Current (mA) | T1 | | | T2 | | | T3 | | | T4 | | | T5 | | | T5W | | | T5WR | | | Watts | | | |
| | | | B | U | G | B | U | G | B | U | G | B | U | G | B | U | G | B | U | G | B | U | G | | | | |
| ODN-1-L | 16 | 350 | 1 | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 1 | 1 | 0 | 1 | 1 | 0 | 1 | 1 | 0 | 1 | 1 | 0 | 1 | 18 |
| | | 530 | 1 | 0 | 1 | 1 | 0 | 1 | 1 | 0 | 1 | 1 | 0 | 1 | 1 | 0 | 1 | 1 | 0 | 1 | 1 | 0 | 1 | 1 | 0 | 1 | 27 |
| | | 700 | 1 | 0 | 1 | 1 | 0 | 1 | 1 | 0 | 1 | 1 | 0 | 1 | 1 | 0 | 1 | 1 | 0 | 1 | 1 | 0 | 1 | 1 | 0 | 1 | 37 |
| ODN-1-L | 32 | 350 | 1 | 0 | 1 | 1 | 0 | 2 | 1 | 0 | 1 | 1 | 0 | 1 | 1 | 0 | 1 | 1 | 0 | 1 | 1 | 0 | 1 | 1 | 0 | 1 | 36 |
| | | 530 | 2 | 0 | 2 | 1 | 0 | 2 | 1 | 0 | 2 | 1 | 0 | 2 | 1 | 0 | 1 | 2 | 0 | 2 | 2 | 0 | 2 | 2 | 0 | 2 | 55 |
| | | 700 | 2 | 0 | 2 | 1 | 0 | 2 | 1 | 0 | 2 | 1 | 0 | 2 | 2 | 0 | 2 | 2 | 0 | 1 | 2 | 0 | 2 | 2 | 0 | 2 | 70 |
| ODN-1-L | 48 | 350 | 2 | 0 | 2 | 1 | 0 | 2 | 1 | 0 | 2 | 1 | 0 | 2 | 1 | 0 | 1 | 2 | 0 | 1 | 2 | 0 | 2 | 2 | 0 | 2 | 54 |
| | | 530 | 2 | 0 | 2 | 1 | 0 | 3 | 1 | 0 | 2 | 1 | 0 | 2 | 2 | 0 | 2 | 2 | 0 | 2 | 2 | 0 | 2 | 2 | 0 | 2 | 82 |
| | | 700 | 3 | 0 | 3 | 2 | 0 | 3 | 2 | 0 | 3 | 2 | 0 | 3 | 2 | 0 | 3 | 2 | 0 | 2 | 3 | 0 | 3 | 3 | 0 | 3 | 107 |
| ODN-2-L | 48 | 350 | 2 | 0 | 2 | 1 | 0 | 2 | 1 | 0 | 2 | 1 | 0 | 2 | 1 | 0 | 1 | 2 | 0 | 2 | 2 | 0 | 2 | 2 | 0 | 2 | 54 |
| | | 530 | 2 | 0 | 2 | 1 | 0 | 3 | 1 | 0 | 2 | 1 | 0 | 2 | 2 | 0 | 2 | 2 | 0 | 2 | 2 | 0 | 2 | 2 | 0 | 2 | 82 |
| | | 700 | 3 | 0 | 3 | 2 | 0 | 3 | 2 | 0 | 3 | 2 | 0 | 3 | 2 | 0 | 2 | 3 | 0 | 3 | 3 | 0 | 3 | 3 | 0 | 3 | 107 |
| ODN-2-L | 64 | 350 | 2 | 0 | 2 | 1 | 0 | 2 | 1 | 0 | 2 | 1 | 0 | 2 | 2 | 0 | 2 | 2 | 0 | 2 | 2 | 0 | 2 | 2 | 0 | 2 | 72 |
| | | 530 | 3 | 0 | 3 | 2 | 0 | 3 | 2 | 0 | 3 | 2 | 0 | 3 | 2 | 0 | 2 | 3 | 0 | 3 | 3 | 0 | 3 | 3 | 0 | 3 | 105 |
| | | 700 | 3 | 0 | 3 | 2 | 0 | 3 | 2 | 0 | 3 | 2 | 0 | 3 | 2 | 0 | 2 | 3 | 0 | 3 | 3 | 0 | 3 | 3 | 0 | 3 | 140 |
| ODN-2-L | 80 | 350 | 2 | 0 | 2 | 1 | 0 | 3 | 2 | 0 | 2 | 1 | 0 | 2 | 2 | 0 | 2 | 2 | 0 | 2 | 2 | 0 | 2 | 2 | 0 | 2 | 89 |
| | | 530 | 3 | 0 | 3 | 2 | 0 | 3 | 2 | 0 | 3 | 2 | 0 | 3 | 2 | 0 | 2 | 3 | 0 | 3 | 3 | 0 | 3 | 3 | 0 | 3 | 130 |
| | | 700 | 3 | 0 | 3 | 2 | 0 | 3 | 2 | 0 | 3 | 2 | 0 | 3 | 3 | 0 | 3 | 3 | 0 | 3 | 3 | 0 | 3 | 3 | 0 | 3 | 177 |
| ODN-2-L | 96 | 350 | 3 | 0 | 3 | 2 | 0 | 3 | 2 | 0 | 3 | 2 | 0 | 3 | 2 | 0 | 2 | 3 | 0 | 3 | 3 | 0 | 3 | 3 | 0 | 3 | 109 |
| | | 530 | 3 | 0 | 3 | 2 | 0 | 3 | 2 | 0 | 3 | 2 | 0 | 3 | 3 | 0 | 3 | 3 | 0 | 3 | 3 | 0 | 3 | 3 | 0 | 3 | 160 |
| | | 700 | 3 | 0 | 3 | 2 | 0 | 4 | 3 | 0 | 3 | 3 | 0 | 3 | 3 | 0 | 3 | 3 | 0 | 3 | 3 | 0 | 4 | 3 | 0 | 3 | 210 |
| ODN-3-L | 96 | 350 | 3 | 0 | 3 | 2 | 0 | 3 | 2 | 0 | 3 | 2 | 0 | 3 | 2 | 0 | 2 | 3 | 0 | 3 | 3 | 0 | 3 | 3 | 0 | 3 | 109 |
| | | 530 | 3 | 0 | 3 | 2 | 0 | 3 | 2 | 0 | 3 | 2 | 0 | 3 | 3 | 0 | 3 | 3 | 0 | 3 | 3 | 0 | 3 | 3 | 0 | 3 | 160 |
| | | 700 | 3 | 0 | 3 | 2 | 0 | 4 | 3 | 0 | 3 | 3 | 0 | 3 | 3 | 0 | 3 | 3 | 0 | 3 | 3 | 0 | 4 | 3 | 0 | 3 | 210 |
| ODN-3-L | 128 | 350 | 3 | 0 | 3 | 2 | 0 | 3 | 2 | 0 | 3 | 2 | 0 | 3 | 2 | 0 | 2 | 3 | 0 | 3 | 3 | 0 | 3 | 3 | 0 | 3 | 144 |
| | | 530 | 3 | 0 | 3 | 2 | 0 | 4 | 3 | 0 | 3 | 2 | 0 | 3 | 3 | 0 | 3 | 3 | 0 | 3 | 3 | 0 | 3 | 3 | 0 | 3 | 210 |
| | | 700 | 4 | 0 | 4 | 3 | 0 | 4 | 3 | 0 | 4 | 3 | 0 | 4 | 3 | 0 | 3 | 3 | 0 | 3 | 3 | 0 | 4 | 3 | 0 | 4 | 274 |