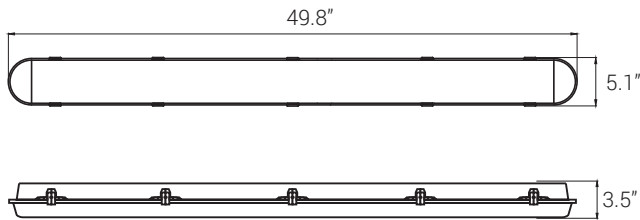


**MULTI-LUMEN
SELECTOR**

**EASY 3 COLORS
SELECTOR**

3500K • 4000K • 5000K



| NOMINAL LUMENS | DELIVERED LUMENS | WATTAGE |
|----------------|------------------|---------|
| 6000 | 6108 | 44W |
| 5000 | 5232 | 37W |
| 4000 | 4711 | 33W |

Based on 4000K, 85+ CRI. Actual wattage may vary +/- 5%

FEATURES

The OWS multi-CCT, multi-lumen LED Vapor Tight is a wet location luminaire that withstands exposure to harsh conditions and water. Easily switch between output levels and color temperatures by using our multi-CCT and multi-lumen selector switches, located on the back of the luminaire. Frosted lens and internal injection-molded lens provide smooth illumination and prevent bubbling. Complies with safety codes to light parking garages, schools, car washes, corridors, hallways, stairways, food processing, cold storage, and other industrial facilities.

| | |
|-------------------|--|
| LUMENS | 4000L/5000L/6000L |
| CCT | 35K/40K/50K |
| CRI | 85+ |
| COLOR QUALITY | 3 Step MacAdam Ellipse |
| LENGTH | 4' |
| TEMPERATURE | -40°C (-40°F) to 40 C (104°F) Up to 45°C (113°F) when suspended at least 18" from ceiling |
| MOUNTING | Surface |
| DIMMING & CONTROL | 0-10V Flicker Free 1% Dimming Standard (DIM10) |
| EMERGENCY | 10W - Up to 1000L output |
| LIFETIME | L70 at 100,000 Hours |
| PHOTOMETRIC TESTS | In Accordance with IES LM79-08, LM80 and TM-30, TM-21 |



MAINTENANCE

Two-piece, snap-together design for fast, easy installation. Simple two-piece design consists of housing and optical assembly to streamline installation process.

OPTICS

Frosted lens is easy to install with clips that secure lens to housing. Frosted lens prevents discoloration and minimizes glare. Internal injection-molded lens provides high-impact resistance and prevents bubbling.

MOUNTING

Suitable for suspension by V-hook or surface mounting. All required hardware is included (less chain, cable).

INSTALLATION

Suitable for suspension by V-hook or surface mounting. Two-piece (housing and optics) design snaps together for fast, easy installation.

CONSTRUCTION

One-piece, durable fiberglass housing. Enclosed-and-gasketed fixture provides airtight seal, keeping out condensation, humidity, dirt, and dust. Latches bind to the housing, securing housing and lens in place.

DRIVER ELECTRICAL INFORMATION

Powered by high-quality constant-current power LED drivers rated for 50 to 60Hz at 120/277V input. Available in 347V, produce less than 20% THD, and have a power factor of .90 to 1.00.

COLOR AND LUMEN SELECTABLE

Switch between different lumen outputs and color temperatures without having to update your fixture. Multi-CCT and multi-lumen selector switches conveniently located on back of fixture.

DIMMING & DRIVER INFORMATION

DIM10 - Flicker Free 1% Dimming Standard (DIM10) 0-10V dimming on either MVOLT 120, 277V.

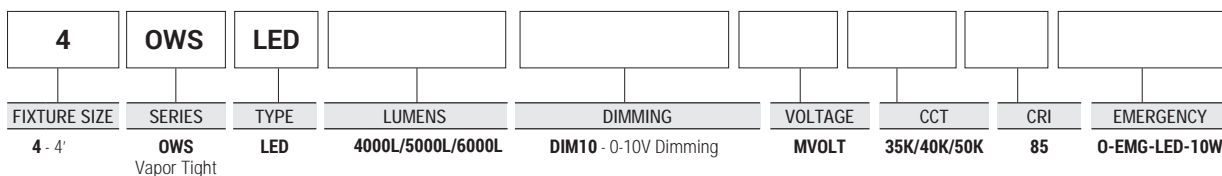
WARRANTY

Five-year warranty for parts and components. (Labor not included).

LISTINGS

UL/C-UL listed to US and Canadian standard
IP65 and IP78-rated
DLC listed

Example: **4-OWS-LED-4000L/5000L/6000L-DIM10-MVOLT-35K/40K/50K-85**



4-OWS-LED-4000L-5000L-6000L-DIM10-MVOLT-35K-40K-50K-85(4000L)

INPUT WATTS: **33.1**

LUMENS: **4711**

CRI: **85**

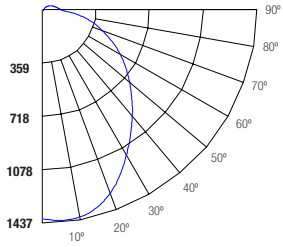
EFFICACY: **142**

CCT: **35K**

TEST NO.: **EL092920108**

SPACING CRITERIA: **1.38**

Candle Power Distribution (Candelas)



Zonal Lumens Summary

| Zone | Lumens | %Lamp | %Fixt |
|------|---------|-------|-------|
| 0-20 | 521.21 | 11.1 | 11.1 |
| 0-30 | 1101.47 | 23.4 | 23.4 |
| 0-40 | 1798.15 | 38.2 | 38.2 |
| 0-60 | 3201.82 | 68 | 68 |
| 0-80 | 4165.93 | 88.4 | 88.4 |
| 0-90 | 4402.32 | 93.4 | 93.4 |

Luminance (Average candela/M²)

| Angle in Degrees | Average | | |
|------------------|---------|-------|-------|
| | 0° | 45° | 90° |
| 45 | 18757 | 17628 | 16242 |
| 55 | 19354 | 17433 | 14846 |
| 65 | 20908 | 17775 | 13322 |
| 75 | 25122 | 20150 | 11662 |
| 85 | 47518 | 35278 | 9538 |

Lumens Per Zone

| Zone | Lumens |
|-------|--------|
| 0-10 | 135.38 |
| 10-20 | 385.83 |
| 20-30 | 580.26 |
| 30-40 | 696.67 |
| 40-50 | 727.05 |
| 50-60 | 676.63 |
| 60-70 | 560.28 |
| 70-80 | 403.82 |
| 80-90 | 236.39 |

Candela Tabulation

| Q | |
|----|----------|
| 0 | 1433.386 |
| 5 | 1423.7 |
| 15 | 1361.86 |
| 25 | 1258.96 |
| 35 | 1130.34 |
| 45 | 986.68 |
| 55 | 825.81 |
| 65 | 657.33 |
| 75 | 483.7 |
| 85 | 308.09 |
| 90 | 233.71 |

Coefficients of Utilization - Zonal Cavity Method

Effective Floor Cavity Reflectance 0.20

| ROOM CAVITY RATIO | RC | 80% | | | | 70% | | | | 50% | | | | 30% | | | | 10% | | | | 0% | | | |
|-------------------|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|--|--|
| | | RW | 70% | 50% | 30% | 10% | 70% | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 0% | | |
| 0 | | 117 | 117 | 117 | 117 | 114 | 114 | 114 | 114 | 107 | 107 | 107 | 101 | 101 | 101 | 96 | 96 | 96 | 96 | 96 | 96 | 96 | 93 | | |
| 1 | | 106 | 100 | 95 | 91 | 102 | 97 | 93 | 89 | 92 | 88 | 85 | 87 | 84 | 81 | 82 | 80 | 77 | 75 | 75 | 75 | 75 | 75 | | |
| 2 | | 95 | 86 | 79 | 73 | 92 | 84 | 77 | 71 | 79 | 74 | 69 | 75 | 70 | 66 | 71 | 67 | 64 | 61 | 61 | 61 | 61 | 61 | | |
| 3 | | 87 | 76 | 67 | 60 | 84 | 73 | 65 | 59 | 69 | 63 | 57 | 66 | 60 | 55 | 62 | 58 | 53 | 51 | 51 | 51 | 51 | 51 | | |
| 4 | | 79 | 67 | 57 | 50 | 76 | 65 | 56 | 50 | 61 | 54 | 48 | 58 | 52 | 47 | 55 | 50 | 46 | 43 | 43 | 43 | 43 | 43 | | |
| 5 | | 73 | 59 | 50 | 43 | 70 | 58 | 49 | 43 | 55 | 47 | 42 | 52 | 46 | 41 | 50 | 44 | 40 | 37 | 37 | 37 | 37 | 37 | | |
| 6 | | 67 | 53 | 44 | 38 | 65 | 52 | 43 | 37 | 50 | 42 | 36 | 47 | 41 | 35 | 45 | 39 | 35 | 32 | 32 | 32 | 32 | 32 | | |
| 7 | | 62 | 48 | 39 | 33 | 60 | 47 | 39 | 33 | 45 | 38 | 32 | 43 | 36 | 31 | 41 | 35 | 31 | 29 | 29 | 29 | 29 | 29 | | |
| 8 | | 58 | 44 | 35 | 29 | 56 | 43 | 35 | 29 | 41 | 34 | 29 | 39 | 33 | 28 | 38 | 32 | 27 | 25 | 25 | 25 | 25 | 25 | | |
| 9 | | 54 | 40 | 32 | 26 | 52 | 40 | 32 | 26 | 38 | 31 | 26 | 36 | 30 | 25 | 36 | 29 | 25 | 23 | 23 | 23 | 23 | 23 | | |
| 10 | | 51 | 37 | 29 | 24 | 49 | 37 | 29 | 24 | 35 | 28 | 23 | 34 | 27 | 23 | 32 | 27 | 22 | 21 | 21 | 21 | 21 | 21 | | |

RC - Ceiling Cavity Reflectance

RW - Wall Reflectance

4-OWS-LED-4000L-5000L-6000L-DIM10-MVOLT-35K-40K-50K-85(5000L)

INPUT WATTS: **37.1**

LUMENS: **5232**

CRI: **85**

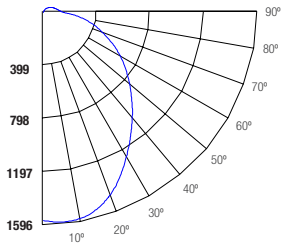
EFFICACY: **141**

CCT: **35K**

TEST NO.: **EL092920109**

SPACING CRITERIA: **1.30**

Candle Power Distribution (Candelas)



Zonal Lumens Summary

| Zone | Lumens | %Lamp | %Fixt |
|------|---------|-------|-------|
| 0-20 | 579.29 | 11.1 | 11.1 |
| 0-30 | 1224.23 | 23.4 | 23.4 |
| 0-40 | 1998.49 | 38.2 | 38.2 |
| 0-60 | 3555.48 | 68 | 68 |
| 0-80 | 4626.58 | 88.4 | 88.4 |
| 0-90 | 4889.06 | 93.4 | 93.4 |

Luminance (Average candela/M²)

| Angle in Degrees | Average | | |
|------------------|---------|-------|-------|
| | 0° | 45° | 90° |
| 45 | 20850 | 19587 | 18061 |
| 55 | 21512 | 19377 | 16483 |
| 65 | 23225 | 19762 | 14805 |
| 75 | 27924 | 22191 | 12946 |
| 85 | 52782 | 39285 | 10600 |

Lumens Per Zone

| Zone | Lumens |
|-------|--------|
| 0-10 | 150.46 |
| 10-20 | 428.83 |
| 20-30 | 644.94 |
| 30-40 | 774.26 |
| 40-50 | 806.7 |
| 50-60 | 750.29 |
| 60-70 | 622.64 |
| 70-80 | 448.47 |
| 80-90 | 262.48 |

Candela Tabulation

| Q | |
|----|----------|
| 0 | 1593.084 |
| 5 | 1581.23 |
| 15 | 1513.38 |
| 25 | 1399.27 |
| 35 | 1255.9 |
| 45 | 1096.8 |
| 55 | 917.9 |
| 65 | 730.17 |
| 75 | 537.66 |
| 85 | 342.22 |
| 90 | 259.54 |

Coefficients of Utilization - Zonal Cavity Method

Effective Floor Cavity Reflectance 0.20

| ROOM CAVITY RATIO | RC | 80% | | | | 70% | | | | 50% | | | | 30% | | | | 10% | | | | 0% | | | |
|-------------------|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|--|--|
| | | RW | 70% | 50% | 30% | 10% | 70% | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 0% | | |
| 0 | | 117 | 117 | 117 | 117 | 114 | 114 | 114 | 114 | 107 | 107 | 107 | 101 | 101 | 101 | 96 | 96 | 96 | 96 | 96 | 96 | 96 | 93 | | |
| 1 | | 106 | 100 | 95 | 91 | 102 | 97 | 93 | 89 | 92 | 88 | 85 | 87 | 84 | 81 | 82 | 80 | 77 | 75 | 75 | 75 | 75 | 75 | | |
| 2 | | 95 | 86 | 79 | 73 | 92 | 84 | 77 | 71 | 79 | 74 | 69 | 75 | 70 | 66 | 71 | 67 | 64 | 61 | 61 | 61 | 61 | 61 | | |
| 3 | | 87 | 76 | 67 | 60 | 84 | 73 | 65 | 59 | 69 | 63 | 57 | 66 | 60 | 55 | 62 | 58 | 53 | 51 | 51 | 51 | 51 | 51 | | |
| 4 | | 79 | 67 | 57 | 50 | 76 | 65 | 56 | 50 | 62 | 54 | 48 | 58 | 52 | 47 | 55 | 50 | 46 | 43 | 43 | 43 | 43 | 43 | | |
| 5 | | 73 | 59 | 50 | 43 | 70 | 58 | 49 | 43 | 55 | 47 | 42 | 52 | 46 | 41 | 50 | 44 | 40 | 37 | 37 | 37 | 37 | 37 | | |
| 6 | | 67 | 53 | 44 | 38 | 65 | 52 | 43 | 37 | 50 | 42 | 36 | 47 | 41 | 35 | 45 | 39 | 35 | 32 | 32 | 32 | 32 | 32 | | |
| 7 | | 62 | 48 | 39 | 33 | 60 | 47 | 39 | 33 | 45 | 38 | 32 | 43 | 36 | 31 | 41 | 35 | 31 | 29 | 29 | 29 | 29 | 29 | | |
| 8 | | 58 | 44 | 35 | 29 | 56 | 43 | 35 | 29 | 41 | 34 | 29 | 39 | 33 | 28 | 38 | 32 | 27 | 25 | 25 | 25 | 25 | 25 | | |
| 9 | | 54 | 40 | 32 | 26 | 52 | 40 | 32 | 26 | 38 | 31 | 26 | 36 | 30 | 25 | 36 | 29 | 25 | 23 | 23 | 23 | 23 | 23 | | |
| 10 | | 51 | 37 | 29 | 24 | 49 | 37 | 29 | 24 | 35 | 28 | 23 | 34 | 27 | 23 | 32 | 27 | 22 | 21 | 21 | 21 | 21 | 21 | | |

RC - Ceiling Cavity Reflectance

RW - Wall Reflectance

4-OWS-LED-4000L-5000L-6000L-DIM10-MVOLT-35K-40K-50K-85(6000L)

INPUT WATTS: **44.3**

LUMENS: **6108**

CRI: **85**

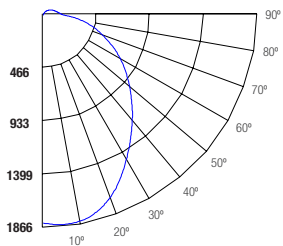
EFFICACY: **138**

CCT: **35K**

TEST NO.: **EL092920110**

SPACING CRITERIA: **1.38**

Candle Power Distribution (Candelas)



Zonal Lumens Summary

| Zone | Lumens | %Lamp | %Fixt |
|------|---------|-------|-------|
| 0-20 | 676.96 | 11.1 | 11.1 |
| 0-30 | 1430.68 | 23.4 | 23.4 |
| 0-40 | 2335.59 | 38.2 | 38.2 |
| 0-60 | 4151.4 | 68 | 68 |
| 0-80 | 5401.51 | 88.4 | 88.4 |
| 0-90 | 5707.8 | 93.4 | 93.4 |

Luminance (Average candela/M²)

| Angle in Degrees | Average | | |
|------------------|---------|-------|-------|
| | 0° | 45° | 90° |
| 45 | 24355 | 22886 | 21105 |
| 55 | 25127 | 22643 | 19282 |
| 65 | 27137 | 23074 | 17301 |
| 75 | 32637 | 25924 | 15116 |
| 85 | 61214 | 45810 | 12365 |

Lumens Per Zone

| Zone | Lumens |
|-------|--------|
| 0-10 | 175.83 |
| 10-20 | 501.12 |
| 20-30 | 753.72 |
| 30-40 | 904.91 |
| 40-50 | 942.29 |
| 50-60 | 873.52 |
| 60-70 | 726.49 |
| 70-80 | 523.62 |
| 80-90 | 306.29 |

Candela Tabulation

| Q | |
|----|----------|
| 0 | 1861.868 |
| 5 | 1848.32 |
| 15 | 1768.32 |
| 25 | 1635.35 |
| 35 | 1467.96 |
| 45 | 1281.15 |
| 55 | 1072.17 |
| 65 | 853.16 |
| 75 | 628.39 |
| 85 | 396.89 |
| 90 | 303.42 |

Coefficients of Utilization - Zonal Cavity Method

Effective Floor Cavity Reflectance 0.20

| ROOM CAVITY RATIO | RC | 80% | | | | 70% | | | | 50% | | | | 30% | | | | 10% | | | | 0% | | | |
|-------------------|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|--|--|
| | | RW | 70% | 50% | 30% | 10% | 70% | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 0% | | |
| 0 | | 117 | 117 | 117 | 117 | 114 | 114 | 114 | 114 | 107 | 107 | 107 | 101 | 101 | 101 | 96 | 96 | 96 | 96 | 96 | 96 | 96 | 93 | | |
| 1 | | 106 | 100 | 95 | 91 | 102 | 97 | 93 | 89 | 92 | 88 | 85 | 87 | 84 | 81 | 82 | 80 | 77 | 75 | 75 | 75 | 75 | 75 | | |
| 2 | | 95 | 86 | 79 | 73 | 92 | 84 | 77 | 71 | 79 | 74 | 69 | 75 | 70 | 66 | 71 | 67 | 64 | 61 | 61 | 61 | 61 | 61 | | |
| 3 | | | | | | | | | | | | | | | | | | | | | | | | | |