

Portfolio

DESCRIPTION

2 inch round or square surface mount cylinder in choice of matte black, white, bronze or silver paint can be used to blend with or accent various architectural styles. Designed for ceiling mount, wall mount, or stem mount. Offered with 15°, 25°, 40°, or 55° optic producing a smooth distribution. Lumen packages range from 500 to 2000 with color temperatures of 2400K, 2700K, 3000K, 3500K, 4000K, and 5000K. Available with dim-to-warm technology – similar to halogen at full power, the 3000K LED warms smoothly as dimmed to 1850K creating a rich warm glow within the space.

SPECIFICATION FEATURES

Reflector

Spun aluminum or painted die cast aluminum reflector with a lensed upper optical chamber providing superior lumen output with minimal source brightness. Square surface mount available with round reflectors. Reflectors are offered in all Portfolio Alzak® finishes.

Trim Retention

Lower reflector is retained with three pressure springs holding the flange tightly to the cylinder.

Optic

TIR optic in 15°, 25°, 40, or 55° provides smooth beam without color separation. Media holder fits onto upper reflector and holds up one lens media. For non-lens trims only.

Housing

Round or square extruded aluminum housing available in white, bronze, silver or matte black.

Mounting

Mounting plate installs to mounted junction box, cylinder mounts to plate with easy twist and lock hooks for ceiling mount. For wall mount, mounting arm attached directly to junction box via a robust mounting plate.

Thermal

Aluminum heat sink conducts heat away from the LED module for optimal performance and long life.

LED

Chip on board with a multitude of highly efficient white LED's, combined with a high reflectance upper reflector and convex transitional lens produce even distribution with no pixilation. Lumen output shall not decrease by more than 10% over the minimum life of 55,000 hours (L90 > 55,000 hours). Color variation within 3-step MacAdam ellipses. Quick disconnect allows for tool-less replacement of LED engine from below ceiling. Available in 80, 90 or 97 CRI. D2W™ – dim-to-warm shifts CCT from 3000K to 1850K as fixture dims mimicking halogen sources.

Driver

Standard 120-277V 0-10V dimming driver provides flicker free dimming from 100% to 1%. Optional 120V leading edge, <1% 0-10V. Driver can be serviced.

Code Compliance

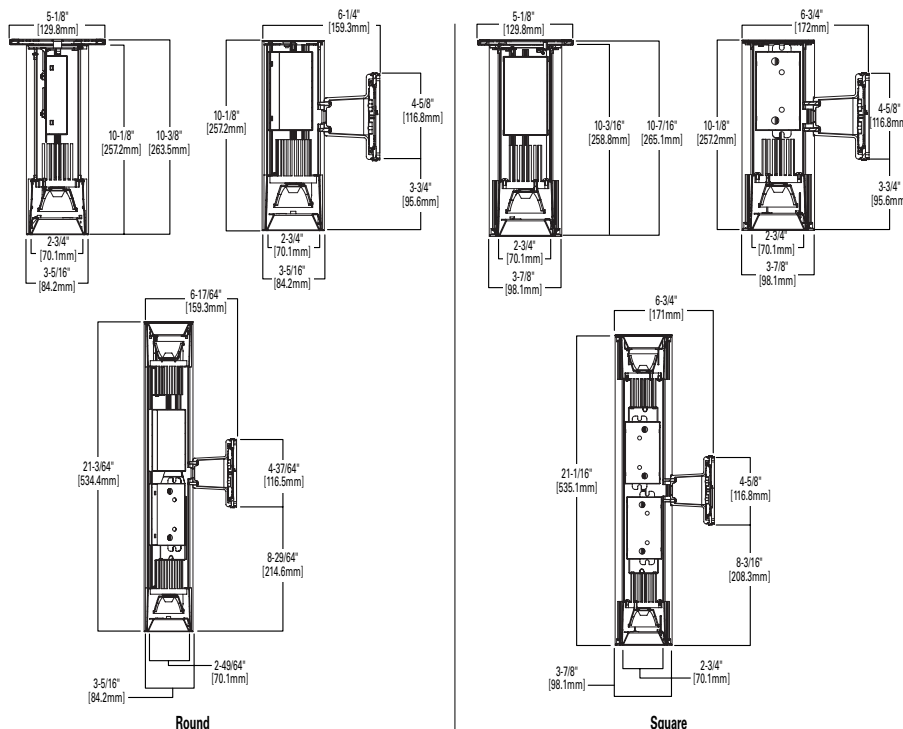
Surface mount cUL listed for wet locations (surface ceiling and wall mount), pendant mount are cULus listed for damp locations with covered ceiling. EMI/RFI emissions per FCC 47CFR Part 18 Class B consumer limits. RoHS Compliant. Photometric testing completed in accordance with IES LM 79 standards. Lumen maintenance projections in accordance with IES LM-80-08 and TM-21-11.

Warranty

5-year warranty



D2W™



LSR2B / LSRWM2B / LSRUD2B
LSSQR2B / LSSQRWM2B / LSSQRUD2B
EC2B
2LBW
2LBM
2LBN
2LBSW

500 - 2000 Lumens LED

2-Inch Round or Square
Cylinder Downlight

ORDERING INFORMATION

SAMPLE NUMBER: LSR2B05SP158030D010P

Housing	Lumens ¹	Distribution ¹	CRI	CCT		
Round LSR2B = LED 2" Aperture, Round Surface Mount LSRWM2B = LED 2" Aperture, Round Surface Wall Mount LSRUD2B = LED 2" Aperture, Surface Wall Mount Up/Down (requires 2 trims) Square LSSQ2B = LED 2" Round Aperture, Square Surface Mount (uses round trim) LSSQWM2B = LED 2" Round Aperture, Square Surface Wall Mount (uses round trim) LSSQUD2B = LED 2" Round Aperture, Square Surface Wall Mount Up/Down (requires 2 trims)	5=500 lumens 10=1000 lumens 15=1500 lumens 20=2000 lumens	SP15=15° ⁴ NFL25=25° FL40=40° WFL55=55°	80=80 CRI minimum 90=90 CRI minimum 97=97 CRI minimum	80 CRI 27=2700K 30=3000K 35=3500K 40=4000K 50=5000K	90 CRI 24=2400K 27=2700K 30=3000K 35=3500K 40=4000K 50=5000K	97 CRI 27=2700K 30=3000K
			9030D2W=1800-3000K Dim 2 Warm ⁵			
Driver			Cylinder Finish			
D010=0-10V Dimming,1% to 100%, 120V-277V D010TR=0-10V or Line Voltage Dimming, 1% to 100%, 120V-277V			P=Matte White MB=Matte Black SL=Silver paint BZ=Bronze			

SAMPLE NUMBER: 2LBD3LI

Trim	Reflector	Flange	Finish
2LB=2" LED	D=Round spun downlight DL=Round Downlight lensed spun reflector DC=Round Cast Downlight ² LCD=Round Lensed cast downlight ²	3=Rimless	LI=Specular Clear ³ H=Semi-Specular Clear ³ WMH=Warm Haze ³ WH=Wheat ³ GPH=Graphite Haze ³ B=Specular Black ³ MW=Matte White MB=Matte Black ⁶ MMS=Matte Metallic Silver ⁶

Mounting Method (required for surface ceiling)

Pendant Kit Round P236P=White pendant stem kit for round suspended mount cylinder P236BZ=Bronze pendant stem kit for round suspended mount cylinder P236MB=Matte black pendant stem kit for round suspended mount cylinder P236SL=Silver pendant stem kit for round suspended mount cylinder Square PSQ236P=White stem kit for square cylinder PSQ236BZ=Bronze stem kit for square cylinder PSQ236MB=Matte black stem kit for square cylinder PSQ236SL=Silver stem kit for square cylinder	Type Blank=5 conductor for use with 0-10V driver	Length Blank=36" SP*=* specify 6 to 144 in 1" increments
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Canopies for surface Ceiling Mount

2SQCP5MLP = White low profile canopy for round surface mount 2-inch junction box
2SQCP5MLMB = Black low profile canopy for round surface mount 2-inch junction box
2RCP5MLP = White Low profile canopy for round surface mount 2-inch junction box
2RCP5MLMB = Matte Black low profile canopy for round surface mount 2-inch junction box
2SQCP5TANP = White low profile canopy for square surface mount standard junction box
2SQCP5TANMB = Matte black low profile canopy for square surface mount standard junction box
2RCP5TANP = White low profile canopy for square surface mount standard junction box
2RCP5TANMB = Matte black low profile canopy for square surface mount standard junction box

Accessories

L100 lenses - optical lenses

L110N=Diffuse Sandblasted Lens: Provides an even beam spread - especially useful in wall washing.
L111=Soft Focus Lens: Smooths irregular beam pattern while maintaining high controlled illumination levels and beam angles.
L113=Prismatic Spread Lens: Provides a symmetrical broadening of lamp beam. Suitable when a wide, uniform light distribution is required.
L115=Linear Spread Lens: Fans out the beam 55° (27-1/2° to each side) to produce a wide rectangular pattern.
L100MB=Black finished metal hexagonal-cell louver - controls light spill while retaining lamp optics.

Notes:

- Nominal Lumens will vary depending on selected color, driver and reflector finish.
- Only available with Matte White, Matte metallic silver and Matte Black Finishes.
- Not available on DC (die cast) distributions.
- Offered up to 1000 lumens.
- Offered in 25°, 40°, 55° distribution 1000/1500 lumens.
- For die cast reflectors only.

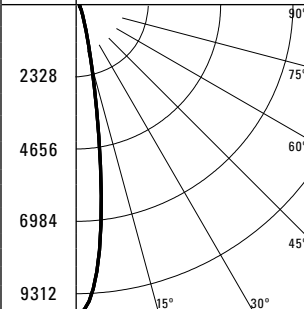
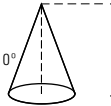
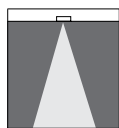
ENERGY

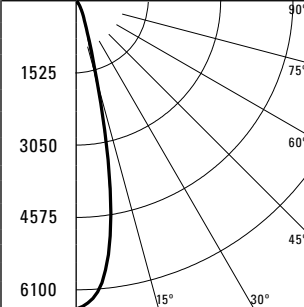
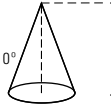
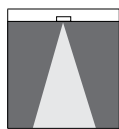
ENERGY DATA
Sound Rating: Class A standards
(Values at non-dimming line voltage)
Minimum Starting Temperature: -30°C (-22°F)
EMI/RFI: FCC Title 47 CFR, Part 15, Class B (Consumer)
Input Voltage: UNV (120V - 277V)
Power Factor: >0.90 (at nominal input 120-277 VAC & 100% of Rated Output Power)
Input Frequency: 50/60Hz

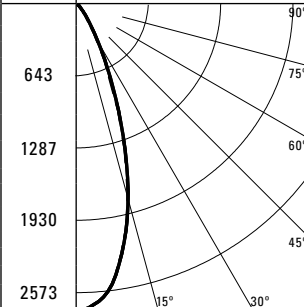
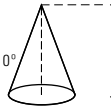
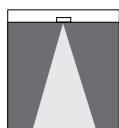
500 Lumen D010		1000 Lumen D010	
Input Power: 7.38W	THD: <14.4%	Input Power: 11W	THD: <13.8%
120V Input Current: 0.06A	277V Input Current: 0.03A	120V Input Current: 0.086A	277V Input Current: 0.042A
1500 Lumen D010		2000 Lumen D010	
Input Power: 15.05W	THD: <13.0%	Input Power: 21.2W	THD: <8.6%
120V Input Current: 0.13A	277V Input Current: 0.06A	120V Input Current: 0.18A	277V Input Current: 0.081A

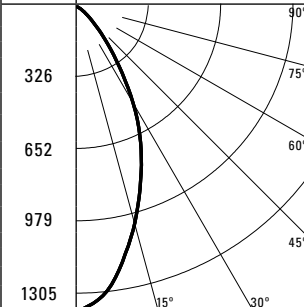
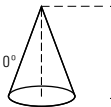

Lumens	120V		277V	
	Inrush (A)	Duration (ms)	Inrush (A)	Duration (ms)
500 Lumen D010	0.64	0.05	1.4	0.04
1000 Lumen D010	1.02	0.041	2.18	0.021
1500 Lumen D010	1.02	1.02	2.24	0.064
2000 Lumen D010	1.02	0.077	2.43	0.027

PHOTOMETRY

SPOT (15° BEAM)		CANDLEPOWER DISTRIBUTION		CONE OF LIGHT		CANDELA TABLE		ZONAL LUMEN SUMMARY			LUMINANCE																																																																																		
Test Number	P264029	<div>Downlight</div> 		<div>Cone of Light</div>  <table><tr><th>D</th><th>FC</th><th>L</th><th>W</th></tr><tr><td>4'</td><td>582.2</td><td>1</td><td>1</td></tr><tr><td>7'</td><td>190.1</td><td>1.8</td><td>1.8</td></tr><tr><td>9'</td><td>115</td><td>2.4</td><td>2.4</td></tr><tr><td>13'</td><td>55.1</td><td>3.6</td><td>3.6</td></tr><tr><td>16'</td><td>36.4</td><td>4.4</td><td>4.4</td></tr></table>		D	FC	L	W	4'	582.2	1	1	7'	190.1	1.8	1.8	9'	115	2.4	2.4	13'	55.1	3.6	3.6	16'	36.4	4.4	4.4	<table><tr><th>Degrees Vertical</th><th>Candela</th></tr><tr><td>0</td><td>9316</td></tr><tr><td>5</td><td>7438</td></tr><tr><td>15</td><td>976</td></tr><tr><td>25</td><td>141</td></tr><tr><td>35</td><td>30</td></tr><tr><td>45</td><td>7</td></tr><tr><td>55</td><td>2</td></tr><tr><td>65</td><td>1</td></tr><tr><td>75</td><td>0</td></tr><tr><td>85</td><td>0</td></tr><tr><td>90</td><td>0</td></tr></table>		Degrees Vertical	Candela	0	9316	5	7438	15	976	25	141	35	30	45	7	55	2	65	1	75	0	85	0	90	0	<table><tr><th>Zone</th><th>Lumens</th><th>% Fixture</th></tr><tr><td>0-30</td><td>945</td><td>97</td></tr><tr><td>0-40</td><td>965</td><td>99.1</td></tr><tr><td>0-60</td><td>973</td><td>99.9</td></tr><tr><td>0-90</td><td>974</td><td>100</td></tr><tr><td>90-180</td><td>0</td><td>0</td></tr><tr><td>0-180</td><td>974</td><td>100</td></tr></table>			Zone	Lumens	% Fixture	0-30	945	97	0-40	965	99.1	0-60	973	99.9	0-90	974	100	90-180	0	0	0-180	974	100	<table><tr><th>Average Candela Degrees</th><th>Average 0° Luminance</th></tr><tr><td>45</td><td>4884</td></tr><tr><td>55</td><td>1720</td></tr><tr><td>65</td><td>1167</td></tr><tr><td>75</td><td>0</td></tr><tr><td>85</td><td>0</td></tr></table>		Average Candela Degrees	Average 0° Luminance	45	4884	55	1720	65	1167	75	0	85	0
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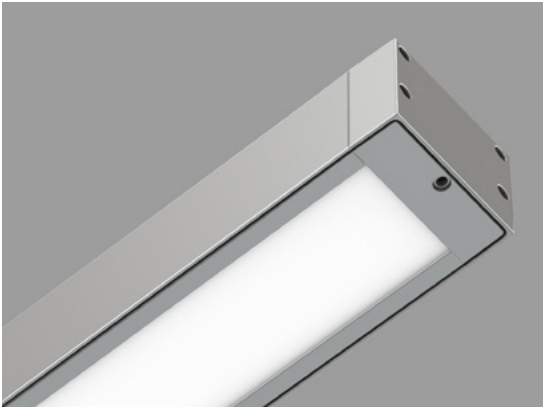
WIDE FLOOD (55° BEAM)		CANDLEPOWER DISTRIBUTION		CONE OF LIGHT		CANDELA TABLE		ZONAL LUMEN SUMMARY			LUMINANCE																																																																																		
Test Number	P218801	<div>Downlight</div> 		<div>Cone of Light</div>  <table><tr><th>D</th><th>FC</th><th>L</th><th>W</th></tr><tr><td>4'</td><td>82</td><td>2.8</td><td>2.8</td></tr><tr><td>7'</td><td>27</td><td>5</td><td>5</td></tr><tr><td>9'</td><td>16</td><td>6.6</td><td>6.6</td></tr><tr><td>13'</td><td>8</td><td>9.4</td><td>9.4</td></tr><tr><td>16'</td><td>5</td><td>11.6</td><td>11.6</td></tr></table>		D	FC	L	W	4'	82	2.8	2.8	7'	27	5	5	9'	16	6.6	6.6	13'	8	9.4	9.4	16'	5	11.6	11.6	<table><tr><th>Degrees Vertical</th><th>Candela</th></tr><tr><td>0</td><td>1309</td></tr><tr><td>5</td><td>1250</td></tr><tr><td>15</td><td>959</td></tr><tr><td>25</td><td>644</td></tr><tr><td>35</td><td>313</td></tr><tr><td>45</td><td>105</td></tr><tr><td>55</td><td>28</td></tr><tr><td>65</td><td>0</td></tr><tr><td>75</td><td>0</td></tr><tr><td>85</td><td>0</td></tr><tr><td>90</td><td>0</td></tr></table>		Degrees Vertical	Candela	0	1309	5	1250	15	959	25	644	35	313	45	105	55	28	65	0	75	0	85	0	90	0	<table><tr><th>Zone</th><th>Lumens</th><th>% Fixture</th></tr><tr><td>0-30</td><td>674</td><td>68.5</td></tr><tr><td>0-40</td><td>873</td><td>88.7</td></tr><tr><td>0-60</td><td>984</td><td>99.9</td></tr><tr><td>0-90</td><td>985</td><td>100</td></tr><tr><td>90-180</td><td>0</td><td>0</td></tr><tr><td>0-180</td><td>985</td><td>100</td></tr></table>			Zone	Lumens	% Fixture	0-30	674	68.5	0-40	873	88.7	0-60	984	99.9	0-90	985	100	90-180	0	0	0-180	985	100	<table><tr><th>Average Candela Degrees</th><th>Average 0° Luminance</th></tr><tr><td>45</td><td>57541</td></tr><tr><td>55</td><td>18916</td></tr><tr><td>65</td><td>0</td></tr><tr><td>75</td><td>0</td></tr><tr><td>85</td><td>0</td></tr></table>		Average Candela Degrees	Average 0° Luminance	45	57541	55	18916	65	0	75	0	85	0
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VIA WET LED

SURFACE ASYMMETRIC



LUMENWERX
WWW.LUMENWERX.COM

**DESCRIPTION**

Via Wet offers architectural lighting for wet locations in both exterior and interior applications. With a simple 3¾" high by 4½" wide profile of extruded aluminum, Via Wet can be installed in recessed, ceiling, wall, or pendant mounting.

Fully sealed, Via Wet is suitable for extreme weather condition, -20°C/-4°F to 40°C/104°F.

PROJECT: _____

TYPE: _____

NOTES: _____

IMPORTANT: Fixture must be installed with lens facing down.

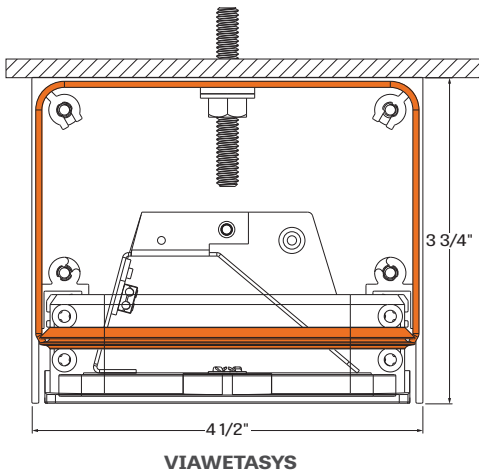
ORDER GUIDE

up to 103 lm/w performance

VIAWETASYS		HLO	LED			
LUMINAIRE ID	PROTECTIVE OPTICS	OPTICS	LIGHT SOURCE	CRI	LUMEN PACKAGES	COLOR TEMP.
VIAWETASYS -via wet asymmetric surface	TMG - Tempered Clear Glass PYC - Clear Polycarbonated	HLO - High-Efficiency Lambertian Optic	LED - high performance LED	80 - 80CRI 90 - 90CRI	500 - min. low output 500lm/ft 750 - max. medium output 750lm/ft ##### - other required lm/ft	27 - 2700k 30 - 3000k 35 - 3500k 40 - 4000k 50 - 5000k

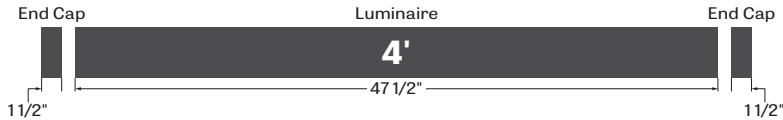
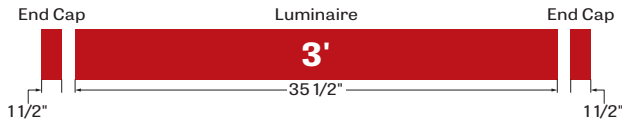
6 FT				GSM		
LUMINAIRE LENGTH	VOLTAGE	DRIVER	ELECTRICAL	MOUNTING	POWER FEED	FINISH
Standard sections - 3', 4' For all other specify length #FT - nominal length in feet Continuous Run - 4' sections joint together	120 - 120V 277 - 277V UNV - 120V-277V 347 - 347V	D1 - 1% dimming 0-10V DA - Dali	1 - 1 circuit ++EM - emergency light circuit ++NL - night light circuit +GTD### - generator transfer device, 120V or 277V	GSM - Gasketed surface mount	EF - end feed TF - top feed	W - matte white AL - aluminum CF# - custom finish specify RAL#

See page 2 for ordering code detailed information

CROSS SECTION

ROW CONFIGURATIONS AND MOUNTING SPACING

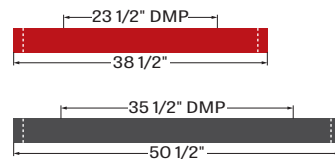
LUMINAIRE LENGTHS AND ENDCAPS



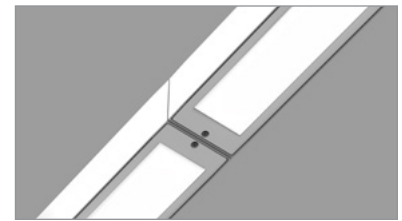
ROW CONFIGURATIONS AND MOUNTING SPACING






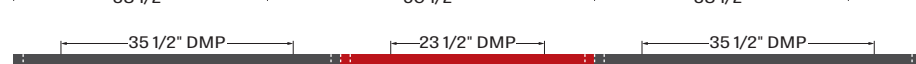
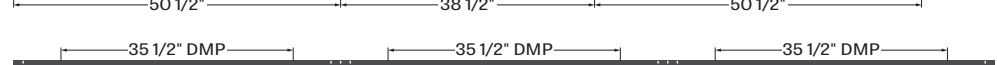
SECTIONS		TOTAL LENGTH	
3ft	4ft	Nominal	Actual
1X		3'	38 1/2"
	1X	4'	50 1/2"

DMP = Distance between Mounting Points



3D LUMINAIRE JOINING SECTION



2X		6'	77 1/16"	
1X	1X	7'	89 1/16"	
	2X	8'	101 1/16"	
3X		9'	115 5/8"	
2X	1X	10'	127 5/8"	
1X	2X	11'	139 5/8"	
	3X	12'	151 5/8"	

For longer run please use the same logic

OPTICS AND PROTECTIVE OPTICS

Via Wet is available with a clear tempered glass (**TMG**) or a clear, UV stabilized polycarbonate (**PYC**) protective enclosure, which are installed outside of the luminaire optic itself.

The High efficiency Lambertian Optic (**HLO**) option uses a diffuser that combines 88% transmission with good source obscuration.

LIGHT SOURCE - LED

Custom linear array of mid-flux LED's are cartridge-mounted with quick-connect wiring to facilitate service and thermal management. Available in 3000K, 3500K and 4000K with a minimum 80 CRI and an option for 90 CRI with elevated R9 value. Color consistency maintained to within 3 SDCM. LEDs operated at reduced drive current to optimize efficacy and lumen maintenance.

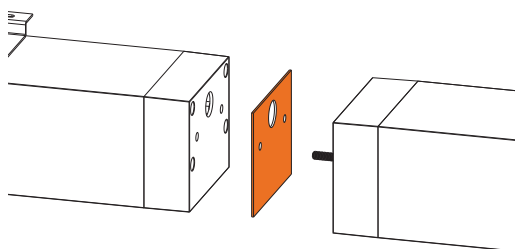
All LEDs have been tested in accordance with IESNA LM-80-08 and the results have shown L80 lumen maintenance greater than 60,000 hours. Absolute product photometry is measured and presented in accordance with IESNA LM-79, unless otherwise indicated.

PERFORMANCE PER 4' AT 4000K

LED output	Color Temp	Watts	Nominal Delivered Lumens	Efficacy LPW
low output	4000K	19.5	2000	103
medium output	4000K	30	3000	100

LUMINAIRE LENGTH

Via Wet is made up of standard 3, and 4 foot sections that can be joined cleanly and securely for continuous runs in all configurations.

Joining system

All individual sections are joined together onsite using the 1/4"-20 screws and nuts provided. The joint between 2 adjacent individual sections is sealed by a silicone gasket attached to one of the 2 sections. The electrical connection between sections is made through the holes provided in the end-caps.

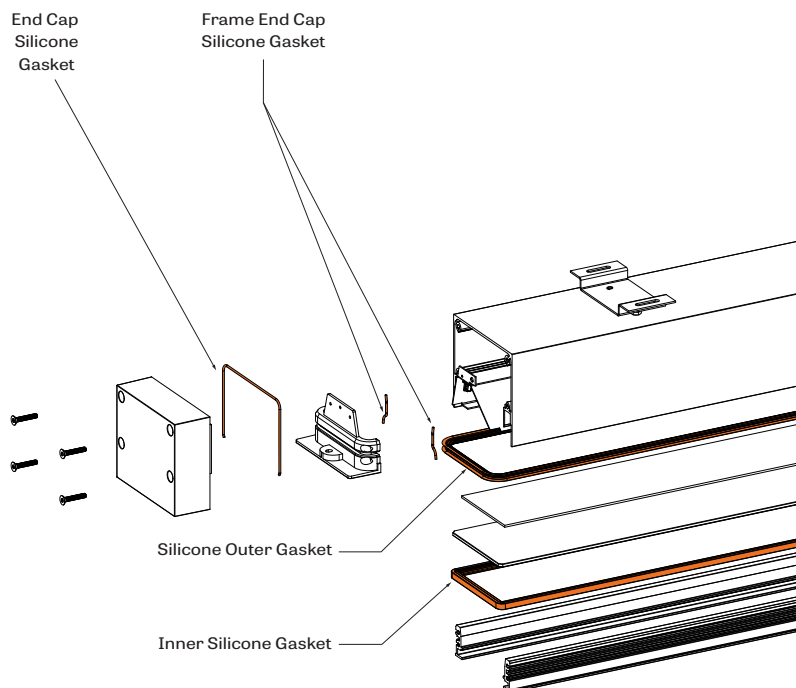
ELECTRICAL

Factory-set adjustable output current electronic driver with universal (120-277VAC) input. Dimmable from 100% to 1% with 0-10V dimming control. Rated life (90% survivorship) of 50,000 hours at -20°C min. and 40°C max. ambient (and 70°C max. case) temperature. At maximum driver load: Efficiency>84%, PF>0.9, THD<20%. DMX (RDM compatible) and DALI protocol drivers are also available. Low-temperature, -40°C rated, 0-10V (10% minimum) dimming drivers are also available upon request. Power grommet for cable diameter between 0.276" and 0.512" (7-13mm). All of our standard 0-10V drivers are NEMA 410 compliant.

MOUNTING OPTIONS

Fixtures can be mounted directly to hard surface ceilings, hardware supplied by others.

GASKETTED FIXTURE MOUNTING OPTIONS



Lens and enclosure are sealed with inner and outer silicone gaskets

FINISH

Interior - 95%, reflective matte powder coated white paint

Exterior - matte white or aluminum powder coating.

Custom finishes are also available.

CONSTRUCTION

Housing - Extruded Aluminum (0.095" nominal) up to 90% Recycled Content

Side frame extrusions - Extruded Aluminum (0.125" nominal) up to 90% Recycled Content

Interior brackets - Die formed cold rolled sheet steel 16 gauge thick

Joining system - 2 x 1/4"-20 screws + nuts accessible from inside the fixture + one silicone gasket attached to one of the end-caps.

Reflectors - Flat rolled Aluminum sheet 0.040" thick precisely die formed, 95% reflective matte white painted

End Cap - Aluminum Die Cast

Tempered Clear Glass - clear, 1/8" thickness, fully tempered optics.

Polycarbonated - clear, 1/8" thickness, UV protected optics.

Gaskets - Fixture lens unit and end-caps are fully sealed using silicone gaskets.

Power grommet - EPDM rubber rated IP67.

WEIGHT

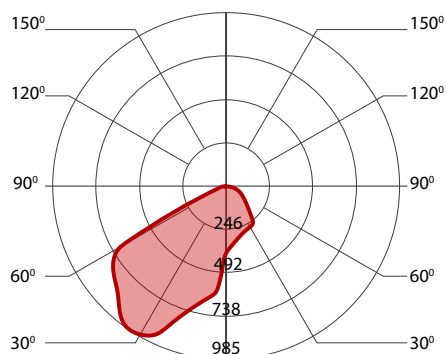
Via Wet 4ft - 18.2lbs - 8.27kg

CERTIFICATIONS

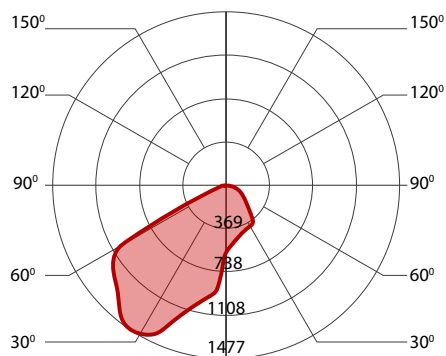
ETL - Rated for Wet location. Conforms to UL Standard 1598 and certified to CAN/CSA Standard C22.2 No. 250.0.

WARRANTY

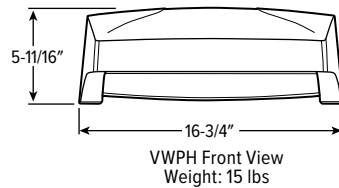
LumenWerx provides a three-year limited warranty of electrical and mechanical performance of the luminaires, including the LED boards, drivers, and auxiliary electronics. LumenWerx will repair or replace defective luminaires or components at our discretion, provided they have been installed and operated in accordance with our specifications. Other limitations apply, please refer to the full warranty on our website.

500 LUMEN AT 80CRI - LOW OUTPUT

PERFORMANCE PER 4'

LED output	Color Temp	Watts	Nominal Delivered Lumens	Efficacy LPW
low output	3000K	21	2000	96
low output	3500K	20	2000	99
low output	4000K	19.5	2000	103
low output	5000K	19	2000	106

750 LUMEN AT 80CRI - MEDIUM OUTPUT

PERFORMANCE PER 4'

LED output	Color Temp	Watts	Nominal Delivered Lumens	Efficacy LPW
medium output	3000K	32	3000	94
medium output	3500K	31	3000	97
medium output	4000K	30	3000	100
medium output	5000K	29	3000	104



CATALOG #: _____

TYPE: _____

PROJECT: _____

FEATURES

- Designed to illuminate sidewalks, entryways, perimeters or facades
- Intended for use in both uplight and downlight applications
- Savings of up to 80% energy compared to HID systems
- Blends seamlessly with a variety of architectural styles
- Made Right Here® in the USA

SPECIFICATIONS

- HOUSING** – Die-cast aluminum enclosure.
- THERMAL MANAGEMENT** – Integral die-cast aluminum heatsink and LED assembly provide passive thermal management. Rated -30°C to 40°C ambient operating temperature (-20°C to 40°C with EM/10WC; 0°C to 39°C with EM/4W).
- OPTICAL SYSTEM** – Precision, injection-molded, refractive acrylic lensing produces standard IES distributions.
- LED ASSEMBLY** – ANSI 3000K, 4000K, or 5000K CCT, minimum 70 CRI LEDs.
- LED DRIVER** – 0-10V dimming.
- ELECTRICAL** – 120-277, 347, and 480 VAC input range; 50-60Hz; power factor >.90; THD <20% at full load. FCC Class A compliant. 10kA/10kV surge protection standard. Quick-disconnect wiring provided. L70 >50,000 hours per IES TM-21.
- FINISH** – Super durable polyester powder coat bonded to phosphate-free, multi-stage pretreated metal, meets and exceeds AAMA 2604 specifications for outdoor durability.
- MOUNTING** – Surface mounts directly over a 4" maximum outlet box. Must be anchored to adequate structure that can safely support fixture weight (VWPH = 15 lbs, VWPV = 23 Lbs).
- LISTINGS** –
 - cCSAus certified as luminaire suitable for wet locations.
 - DesignLights Consortium qualified product. Not all versions of this product may be DLC qualified, see the DLC Qualified Products List at www.designlights.org/QPL.
 - IDA Dark-Sky approved (downlight applications only).
 - RoHS compliant.
 - IP65 rated.
 - Title 24 compliant with OCCWS FSP-211-L option.
- WARRANTY** – 5-year limited warranty, see hew.com/warranty.

ORDERING EXAMPLE: VWP H - L30/740 - T3 - DBZ - SDGL - OPTIONS - DIM - UNV

ORDERING INFO

SERIES	TYPE	LUMENS ^[1]	CRI	CCT	DISTRIBUTION ^[2]
VWP	H Horizontal V Vertical	L30 3,000lm L60 6,000lm	7 70	30 3000K 40 4000K 50 5000K	T3 Type III TFT Type forward throw

FINISH OPTIONS ^[3]

BLK Black (RAL #9004)
DBZ Dark bronze
DBR Medium bronze
GRAY Standard gray
SLV Satin aluminum (RAL #9006)
WHT White (RAL #9003)

SHIELDING

SDGL Micro-prismatic tempered glass lens
CGL Clear tempered glass lens

OPTIONS

EM/4W 4-watt integral emergency LED driver ^[4]
SF Single fuse ^[5]
DF Double fuse ^[6]
PC Factory-installed button-style photocell ^[7]
HSGX Empty housing extension used to match units with EM, OCC, or conduit entry options.
TP Tamper-resistant Torx head screws ^[8]

CONTROL

DIM Dimming driver prewired for 0-10V controls

VOLTAGE

120 120V
208 208V
240 240V
277 277V
UNV 120-277V
347 347V ^[14]
480 480V ^[15]

CONDUIT ENTRY ^[9]

CR Right side conduit entry ^[10]
CL Left side conduit entry ^[11]
CD Dual conduit entry

VWPH ONLY

EM/10WC 10-watt emergency LED driver ^[12]
OCCWS FSP-211-L Factory-installed occupancy sensor ^[13]
FSIR-100 Remote controller for occupancy sensor

ACCESSORIES

TP TOOL Tamper-resistant tool for Torx head screws ^[16]

NOTES

- Lumen output based on 3500 CCT. Actual lumens may vary +/-5%, see page 2 for FIXTURE PERFORMANCE DATA. Additional lumen package available, see options
- See page 2 for DISTRIBUTION DETAILS.
- See page 3 for FINISH OPTIONS.
- 120-277V only; VWPH includes housing extension, increases fixture depth. See page 2 for FIXTURE DETAILS.
- 120V, 277V, or 347V only; must specify voltage
- 208V, 240V, or 480V only; must specify voltage.
- 120V, 208V, or 277V only; must specify voltage. Not available when specified with OCCWS option. See page 3 for OPTIONS DETAILS. Right side when viewed from behind fixture.
- Silver finish only. Safety screws providing added support to the lens are not tamper-resistant (lens is sealed to the fixture via adhesion).

- Fixtures require housing extension when specified with conduit entry. Increases fixture depth. Conduit entry provided with 1/2" NPT tapered pipe thread and plug. Increases fixture height. Conduit fitting to be supplied by others. Left and right when viewed from behind fixture.
- Left and right when viewed from behind fixture.
- Left and right when viewed from behind fixture.
- Low temperature, includes housing extension increases fixture depth; 120-277V only; not available with CR and CD options. See page 2 for FIXTURE DETAILS.
- Includes housing extension (increases fixture depth), must specify lens. Optional FSIR-100 remote controller available, ordered separately. See page 3 for OCCUPANCY SENSOR DETAILS.
- Includes stepdown transformer.
- Includes stepdown transformer.
- Tamper-resistant tool must be ordered separately. Please specify quantity required per project.

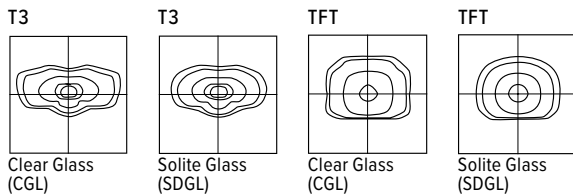


FIXTURE PERFORMANCE DATA

	LED PACKAGE	DISTRIBUTION	WATTAGE	CCT	CLEAR GLASS(CGL)		SOLITE GLASS (SDGL)		BUG RATINGS
					DELIVERED LUMENS	EFFICACY(lm/W)	DELIVERED LUMENS	EFFICACY(lm/W)	
VWPH	L30	T3	36	3000	3174	88.2	2963	82.3	B1-U0-G1
				4000	3327	92.4	3106	86.3	
				5000	3438	95.5	3209	89.1	
		TFT		3000	2713	75.4	2533	70.4	B1-U0-G1
				4000	2844	79.0	2655	73.8	
				5000	2939	81.6	2743	76.2	
	L60	T3	70	3000	5933	84.8	5887	84.1	B1-U0-G1
				4000	6611	94.4	6172	88.2	
				5000	6831	97.6	6376	91.1	
		TFT		3000	5470	78.1	5065	72.4	B2-U0-G1
				4000	5688	81.3	5309	75.8	
				5000	5876	83.9	5486	78.4	
VWPV	L30	T3	36	3000	3115	86.5	2908	80.8	B1-U0-G1
				4000	3403	94.5	3177	88.3	
				5000	3385	94.0	3160	87.8	
		TFT		3000	2840	78.9	2651	73.6	B2-U0-G1
				4000	3103	86.2	2896	80.4	
				5000	3086	85.7	2881	80.0	
	L60	T3	70	3000	6171	88.2	5813	83.0	B2-U0-G2
				4000	6804	97.2	6351	90.7	
				5000	6767	96.7	6317	90.2	
		TFT		3000	5822	83.2	5126	73.2	B3-U0-G1
				4000	5999	85.7	5600	80.0	
				5000	5967	85.2	5570	79.6	

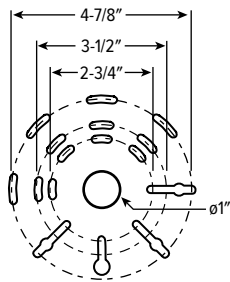
- Photometrics tested in accordance with IESNA LM-79. Results shown are based on 25°C ambient temperature.
- Wattage shown is average for 120V through 277 input.

DISTRIBUTION DETAILS



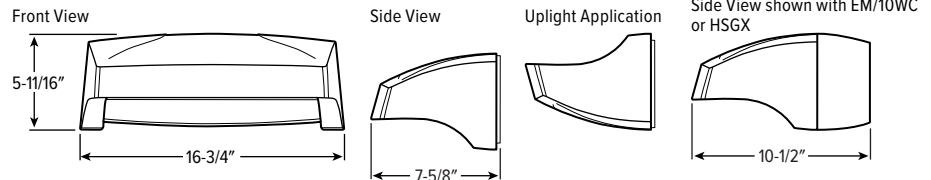
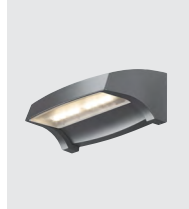
FIXTURE DETAILS

BOLT PATTERN DETAIL



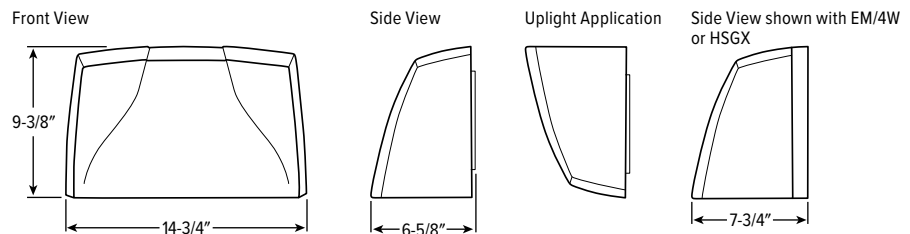
VWPH

Weight: 15 lbs; maximum weight with EM/10WC or HSGX: 27 lbs.



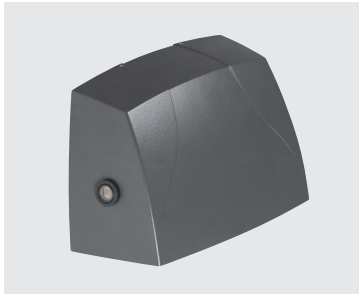
VWPV

Weight: 23 Lbs



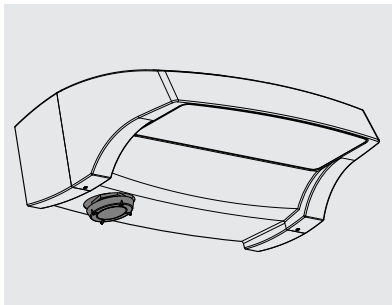
OPTIONS DETAILS

PC OPTION



Factory-installed button-style photocell, right side when viewed from behind fixture.
(120V, 208V, or 277V only; must specify voltage)

OCCUPANCY SENSOR DETAILS



EXAMPLE: OCCWS FSP-211-L2

FEATURES

- Fully adjustable high and low dimmed light levels.
- Designed for LED fixtures; rated for extreme temperatures and up to 200,000 on/off cycles.
- Hold-off setpoint with automatic calibration option for convenience and added energy savings.
- Adjustable via handheld wireless configuration tool (ordered separately).
- IP66 rated with choice of lenses for wet and outdoor locations, and mounting heights from 8' to 20'.
- Adjustable time delay and cutoff delay.
- Factory set to 10% dimming at 5 minutes, cutoff at 1 hour.

ORDERING INFORMATION

OCCWS FSP-211__ Factory-installed occupancy sensor, must specify lens (120V or 277V only)

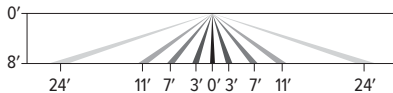
LENS

L2 Coverage at 8' mounting height: ø48'

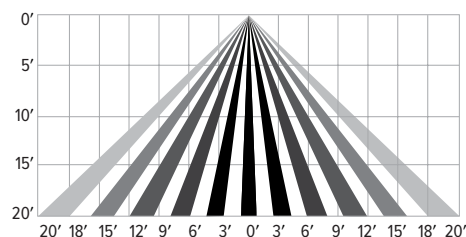
L3 Coverage at 20' mounting height: ø40'

COVERAGE PATTERNS

L2 LENS



L3 LENS



REMOTE CONTROLLER

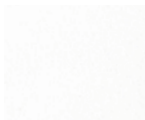


FSIR-100 Remote controller for occupancy sensor (specify quantity per project)

Initial setup and subsequent sensor adjustments are made using a handheld configuration tool (FSIR-100). The wireless tool stores up to five sensor parameter profiles to speed configuration of multiple sensors. Please specify quantity required per project. Visit wattstopper.com for more information.

FINISH OPTIONS

WHITE



BLACK



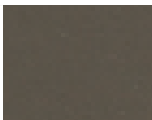
GREEN



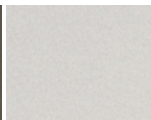
MEDIUM BRONZE



DARK BRONZE



SILVER



GRAY



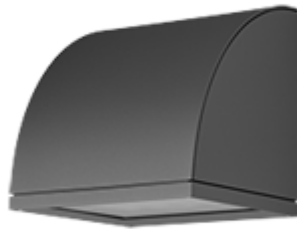
For custom color, please specify RAL code or a manufacturer code with description. All custom colors other than RAL require two sample swatches, minimum 1" square.



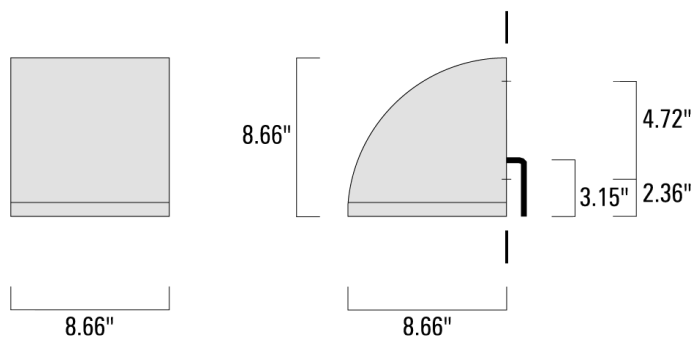
OLV334 LED

Surface Mounted Wall Luminaires

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we-ef**Description**

IP65. Surface mounted wallwasher. Suitable for installation over 4" recessed junction box in uplight or downlight position.



OLV334 LED


Surface Mounted Wall Luminaires

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we-ef

Specifications

Material Specification

Body:	Luminaire body and lens frame constructed in die cast aluminum.
Lens:	Tempered glass lens.
Colours:	<div><div></div> RAL9004 Black</div> <div><div></div> RAL9007 Grey Metallic</div> <div><div></div> RAL9016 White</div> <div><div></div> RAL8019 Dark Bronze</div>
 Quick Ship	Quickship features a one week ship time for Steplights and two week ship time for the rest of our Core products. All applicable information must be included for orders to be processed and colors must be in one of our 4 standard finishes. A maximum order quantity of 30 pieces applies.
Gasket:	Silicone rubber gasket
Fasteners:	PCS polymer coated stainless steel
Ingress protection:	IP65
Impact protection:	IK08
Corrosion protection:	5CE
Mounting:	Suitable for installation over a standard 4" recessed junction box. Luminaire can be mounted as an uplight, or downlight.
Listings:	ETL listed. Suitable for wet locations.

Electrical Specification

Power supply:	Integral [ECG] electronic driver 120V-277V, 0-10V dimmable, to be specified with order.
Driver / Ballast:	Integral EC electronic converter
Cable:	Two cable entries

Lifetime

LED >60,000 h Ta 25°(L70/B10)

Control gear >50.000 h Ta 25°

OLV334 LED




Surface Mounted Wall Luminaires

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Choices

Light Distributions

	[S70] Type II Short
	[A60] Type IV Very Short
	[R65] Type IV Medium



Nominal Lumen

1614
2951





Nominal Watt

12
24

Colour Temperatures

	3000 K
	4000 K

Colours

	RAL9004 Black
	RAL9007 Grey Metallic
	RAL9016 White
	RAL8019 Dark Bronze



OLV334 LED

Surface Mounted Wall Luminaires

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we-ef

Configurations

Light Distributions		Part ID	Light Source	Delivered Lumens	Rated Input Power	CRI	Weight	Link
	[S70] Type II Short	622-6520	LED-12/12W / 350 mA - 3000 K	1344.3	14	80	14.60	📄 ↗
		622-6521	LED-12/12W / 350 mA - 4000 K	1344.3	14	80	14.60	📄 ↗
		622-6522	LED-12/24W / 700 mA - 3000 K	2340.9	28	80	14.60	📄 ↗
		622-6523	LED-12/24W / 700 mA - 4000 K	2340.9	28	80	14.60	📄 ↗
	[A60] Type IV Very Short	622-6020	LED-12/12W / 350 mA - 3000 K	1281	14	80	14.60	📄 ↗
		622-6021	LED-12/12W / 350 mA - 4000 K	1281	14	80	14.60	📄 ↗
		622-6022	LED-12/24W / 700 mA - 3000 K	2230.7	28	80	14.60	📄 ↗
		622-6023	LED-12/24W / 700 mA - 4000 K	2230.7	28	80	14.60	📄 ↗










OLV334 LED

Surface Mounted Wall Luminaires





















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we-ef

Configurations

Light Distributions		Part ID	Light Source	Delivered Lumens	Rated Input Power	CRI	Weight	Link
	[R65] Type IV Medium	622-6720	LED-12/12W / 350 mA - 3000 K	1210	14	80	14.60	 
		622-6721	LED-12/12W / 350 mA - 4000 K	1210	14	80	14.60	 
		622-6722	LED-12/24W / 700 mA - 3000 K	2107	28	80	14.60	 
		622-6723	LED-12/24W / 700 mA - 4000 K	2107	28	80	14.60	 

Related Families / OLV300

Family		Dimensions	Wattage	Nominal Lumen	Links	Download Data Sheet
					Links	
OLV330 LED		8.66 x 8.66	12 -18 W	1614 -2217	 	 
OLV334 LED		8.66 x 8.66	12 -24 W	1614 -2951	 	 
OLV340 LED		11.81 x 11.81	24 -36 W	3228 -4435	 	 
OLV344 LED		11.81 x 11.81	24 -48 W	3228 -5903	 	 

OLV334 LED

Surface Mounted Wall Luminaires



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Mounting Accessories

Surface Collar

 **622-9321** Surface Collar

Electrical Accessories

Emergency Lighting Package

 **622-7401** OLV33_ LED Emergency Lighting
kage