



LED WATTAGE CHART

Drive Current	16L	32L	64L	64L VCS
350 milliamps	-	34W (3158-3689 Lumens)	68W (6316-7530 Lumens)	68W (6316-7530 Lumens)
400 milliamps	18W (1579-1882 Lumens)	-	-	-
530 milliamps	26W (2391-2850 Lumens)	52W (4782-5701 Lumens)	103W (9564-11402 Lumens)	103W (9564-11402 Lumens)
700 milliamps	34W (3158-3765 Lumens)	68W (3616-7529 Lumens)	137W (12632-15059 Lumens)	137W (12632-15059 Lumens)
1000 milliamps	-	-	200W (18045-21513 Lumens)	200W (18045-21513 Lumens)
1050 milliamps	51W (4737-5647 Lumens)	102W (9474-11294 Lumens)	-	-
1050 milliamps	-	125W (10560 - 13543 Lumens)	-	-
1400 milliamps	-	140W (11827-15168 Lumens)	-	-

FORM

- Elegant Die-Cast Aluminum Housing
- Corrosion Resistant Stainless Steel External Hardware
- Sleek, Low Profile Housing
- Spec Grade Performance
- Engineered For Optimum Thermal Management

FUNCTION

- Micro Optics IES Distributions T2, T3, T4, T4FTW, VCS & VCA
- 0-10V Dimming Drivers THD @ Max Load < 15% Power factor @ Max Load < 0.95
- Amber, 2700K, 3000K, 3500K, 4000K, or 5000K
- 16L, 32L, or 64L LED Configuration
- CRI 70, 80, or 90
- 5 Mills Powder Coat
- Up to 21,513 Lumens

RELIABILITY

- Silicone Micro Optics
- 5 Year Standard Warranty
- IP67 Optics
- IP66 Fixture

BUY AMERICAN

To ensure the latest BAA/TAA/BABA Standards are being met, please select BAA, TAA, or BABA in the options section. Please contact the factory before placing an order for any NLS products requesting BAA (Buy American Act), TAA (Trade Agreement Act), or BABA (Build America, Buy America).



Project Name:

Type:

ORGANIX - 2 WALL MOUNT ORDERING GUIDE

Cat#	Light Dist.	# of LEDs	Miliamps	Kelvin	Volts
Organix - Wall Mount (ORX-2-W)	Type 2 (T2)	16 (16L)	350 (35)	Amber 585-600nM (AMBER) 5, 3, 13, 16	120-277 (UNV)
	Type 3 (T3)	32 (32L)	400 (40) ⁹	Amber LED Phosphor Converted (AMBER/PC) 3, 13, 16	347-480 (HV)
	Type 4 (T4)	64 (64L)	530 (53)	2700K, 70 CRI (27K7) ^{3, 14}	
	Type 4 Forward Throw Wide (T4FTW)		700 (7)	2700K, 80 CRI (27K8) ^{1, 3, 14}	
	Visual Comfort Symmetric (VCS) ⁷		1000 (1A)	3000K, 70 CRI (30K7) ^{3, 14}	
	Visual Comfort Assymmetric (VCA) ⁷		1050 (1)	3000K, 80 CRI (30K8) ^{1, 3, 14}	
			1250 (12) ⁸	3500K, 80 CRI (35K8)	
			1400 (14) ⁸	4000K, 70 CRI (40K7)	
				4000K, 80 CRI (40K8) ¹	
				5000K, 70 CRI (50K7)	
				5000K, 80 CRI (50K8) ¹	

Mounting	Color	Controls Options	Options	Lens Options
Wall Mount (WM)	Bronze Textured (BRZ)	Nema 7-Pin Receptacle (PE7)	Tamper Proof Hardware (TPH)	Diffused Polycarbonate Visual Comfort Lens (DPCL) ^{18, 19}
	White Textured (WHT)	Photocell + Receptacle (PCR)	Marine Grade Finish (MGF)	Clear Tempered Glass Lens (CTG) ^{18, 19}
	Smooth White Gloss (SWT)	Receptacle + Shorting Cap (PER)	House Side Shield (HSS) ¹⁰	HAL Lens (HAL) ^{14, 17, 18, 19}
	Silver Metallic (SVR)	Button Photocell (PC)	Black Optic Frame (BOF)	
	Black Textured (BLK)	FSP-211 with Motion Sensor/Photocell	Buy American Act (BAA) ⁶	
	Smooth Black Gloss (SBK)	8' Heights and Below (FSP211-8) ^{2, 12}	Trade Agreement Act (TAA) ⁶	
	Graphite Textured (GPH)	*9'-20" Heights (FSP211-20) ^{2, 12}	Build America Buy American (BABA) ⁶	
	Grey Textured (GRY)	*21'-40" Heights (FSP211-40) ^{2, 12}	Emergency Battery 4W (EM4)	
	Green Textured (GRN)	FSP-221 with Motion Sensor/Photocell	Emergency Battery 8W (EM8)	
	Hunter Green Textured (HGN)	9'-20' Heights (FSP221-20) ¹⁵		
	Custom (CS)	21'-40' Heights (FSP221-40) ¹⁵	Custom Controls Integration (CCI) ⁴	
		FSP Remote (FSIR) ¹¹		

NOTES:

1. Consult Factory for Lead Time. Consult Factory For 90 CRI Requests
2. Universal Voltage 120-277
3. 3000K or lower, with fixed mounting options only, must be selected to meet International Dark-Sky Association certification.
4. Please contact Factory for Custom Control Integration requests (nLight, NX, WaveLinx, Crestron, DMX/RDM, Synapse, Casambi, Dali II, Avi-On, or other control systems)
5. Turtle Safe
6. Consult factory for all BAA/TAA/BABA requests
7. 64L Only with Backlit Diffused Lens
8. Not Available in 64L
9. 16L Only
10. Not Available With Lens Options (VCA, VCS, DPCL, CTG)
11. Projects with sensors require Qty. 1 FSIR per project
12. FSP-211, 120V/277VAC (800W/1200W Max), 230-240VAC (300W Max), 50/60Hz Single Phase. Field/Site line voltage must be disclosed for project validation.
13. Consult Factory for Lead Time
14. HAL Lens: Yellow Polycarbonate Lens - less than 2% Blue Light Content
15. FSP-221, 100-347VAC 50/60Hz Single Phase, 208/230/480VAC 50/60Hz Phase-to-Phase. 120VAC (800W Max), 230-240VAC (300W Max), 277/347/480VAC (1200W Max). Field/Site line voltage must be disclosed for project validation.
16. Not Available above 530mA
17. Contact Factory
18. Motion Sensors are sidecar mounted for lensed fixtures
19. 700mA Max For Lens Options



701 Kingshill Place, Carson, CA 90746
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PRODUCT SPECIFICATIONS

ELECTRICAL

- 120-277 Volts (UNV) or 347-480 Volts (HV)
- 0-10V dimming driver
- Driver power factor at maximum load is $\geq .95$, THD maximum load is 15%
- LED Drivers Ambient Temp. Min is -40°C and Ambient Temp. Max ranges from 50°C to 55°C and, in some cases, even higher. Consult the factory for revalidation by providing the fixture catalog string before quoting and specifying it.
- All drivers, controls, and sensors housed in enclosed IP65 compartment
- CRI 70, 80 or 90
- Color temperatures: Amber, 2700K, 3000K, 3500K, 4000K, 5000K
- Surge Protection: 20KVA supplied as standard.

CONSTRUCTION

- Die Cast Aluminum
- Internal cooling fins
- Corrosion resistant external hardware
- One-piece silicone gasket ensures IP66 seal for electronics compartment

OPTICS

Silicone optics high thermal stability and light output provide higher powered LEDs with minimized lumen depreciation. UV stability with scratch resistance increases exterior application durability. Silicone optics do not yellow, crack or brittle over time.

CONTROL OPTIONS

- **FSP-211 w/Motion Sensor/Photocell (120/277VAC, 230-240VAC)** (FSP-X) - Passive infrared (PIR) sensor providing multi-level control based on motion/daylight contribution.
- **FSP-221 w/Motion Sensor/Photocell (100-347VAC, 208/230/480VAC)** (FSP-HV-X) - Passive infrared (PIR) sensor providing multi-level control based on motion/daylight contribution.
 - All control parameters adjustable via wireless configuration remote storing and transmitting sensor profiles.
 - Party Setting Available (10% output) Consult Factory
 - FSP-8 mounting heights 8 feet and below
 - FSP-20 mounting heights 9-20 feet.
 - FSP-40 mounting heights 21-40 feet.
 - Includes 5 dimming event cycles, 0-10V dimming with motion sensing, re-programmable in the field. Programmable remote must be purchased separately.
 - FSIR-100 commissioning remote is required to change sensor settings. Please contact factory for ordering.
- Controls Agnostic: Please contact factory for your preferred controls option. (nLight, NX, WaveLinx, Crestron, DMX/RDM, Synapse, Casambi, DALI II, Avi-On, or other control systems)

OPTIONS

- BIRD SPIKES (BS) - Offer an effective and humane deterrent for larger bird species and provide a cost-effective long-term solution to nuisance bird infestations and to protect your property.
- MARINE GRADE FINISH (MGF) - A multi-step process creating a protective finishing coat against harsh environments. Chemically washed in a 5-stage cleaning system. Pre-baked, Powder coated 3-5 mils of Zinc Rich Super Durable Polyester Primer. Oven Baked. Finished Powder Coating of Super Durable Polyester Powder Coat 3-5 mil thickness.
- House Side Shield (HSS) is designed for full property line cutoff.
- Tamper Proof Hardware (TPH)
- BLACK OPTIC FRAME (BOF) - Optional black optic frame. (includes black hardware) Standard is white

FINISH

- 3-5 mils electrostatic powder coat.
- NLS Lighting standard high-quality finishes prevent corrosion, and protects against extreme environmental conditions.
- 10 Standard Finishes, Custom Finish and Marine Grade Finish Available

WARRANTY

- Five-year limited warranty for drivers and LEDs.
- Consult Factory for 7 or 10 year warranty

LISTINGS

- UL Listed in compliance with UL 1598, the Standard for Safety of Luminaires, including the applicable wet location requirements
- Compliant with UL 8750 LED driver design and test safety standards
- CSA C22.2 No. 250.0
- IP66 Rated Fixture
- IP67 Rated Optics
- IK10 Rated
- Dark Sky Certified, 3000K or lower, with fixed mounting options only, must be selected to meet International Dark-Sky Association certification.

BUY AMERICAN OPTION

While all of the NLS Lighting products listed in this document qualify for the Buy America(n) Act of 1933, we reserve the right to change our listings without notice.

The information provided above is for general informational purposes only. We encourage you to consult legal professionals for advice particular to your projects concerning BAA, TAA, BABA or Buy America.

Additional NLS Products that meet BAA, TAA standards can be found at the following link:

<https://nlsighting.com/buy-american/>



3000K or lower, with fixed mounting options only, must be selected to meet International Dark-Sky Association certification.

The information and specifications on this document are subject to change without any notification. All values are design, nominal, typical or prorated values when measured under internal and external laboratory conditions.

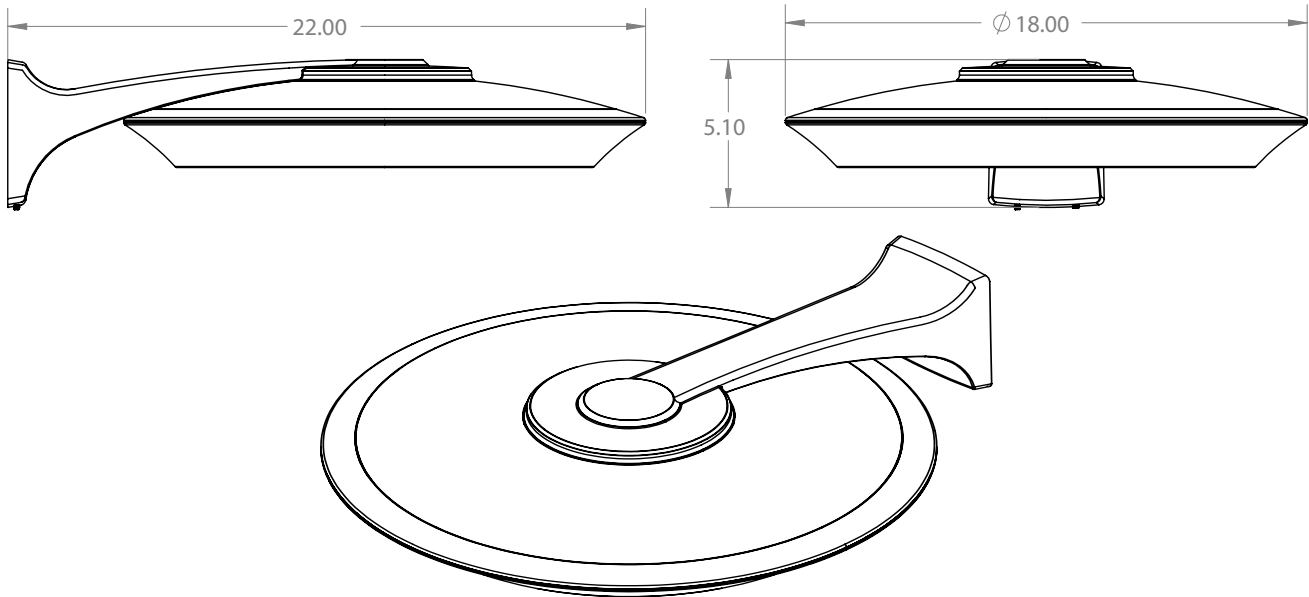


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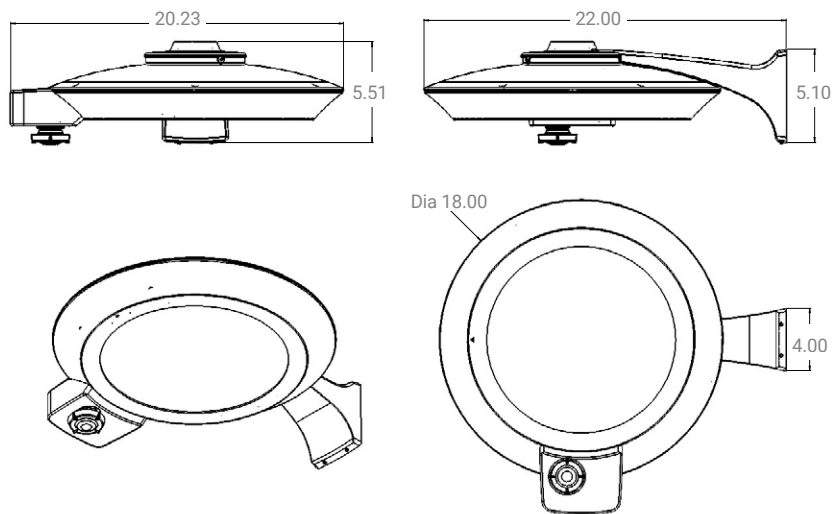
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PRODUCT SPECIFICATIONS

WALL MOUNT



ORX-2 SENSOR SIDECAR

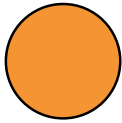


SCAN FOR INSTALLATION INSTRUCTIONS

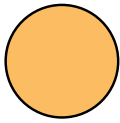


PRODUCT SPECIFICATIONS

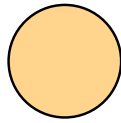
LED KELVIN RANGE



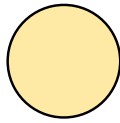
AMBER
585-600 nm



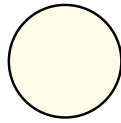
2700K 70 CRI



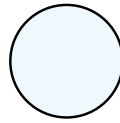
3000K 70 CRI



3500K 80 CRI



4000K 70 CRI



5000K 70 CRI

Color	Dominant or Peak Wavelength Range (nm)	
	Minimum	Maximum
Amber	585	600

Lumen Maintenance Data							
Ambient Temperature	Drive Current	L90 Hours*	L70 Hours**	30,000 Hours*	50,000 Hours*	60,000 Hours*	100,000 Hours**
25°C	Up to 700mA	58,000	173,000	95.7%	91.6%	89.6%	82.1%
	1050mA	48,000	143,000	94.3%	89.5%	87.2%	78.5%
*Reported extrapolations per IESNA TM-21				**Projected extrapolations per IESNA TM-21			

PRODUCT SPECIFICATIONS

LUMEN CHARTS

ORX-2-WM-16L NO LENS

LUMEN CHART - STANDARD SILICONE MICRO OPTICS									
PART NUMBER	T2	LPW	T3	LPW	T4	LPW	T5	LPW	WATTAGE
ORX-2-WM-16L-40-27K7	1841	88	1815	86	1804	86	1855	88	21
ORX-2-WM-16L-40-27K8	1724	82	1700	81	1690	80	1737	83	21
ORX-2-WM-16L-40-30K7	1991	95	1963	93	1951	93	2005	95	21
ORX-2-WM-16L-40-30K8	1849	88	1822	87	1812	86	1862	89	21
ORX-2-WM-16L-40-35K8	1849	88	1822	87	1812	86	1862	89	21
ORX-2-WM-16L-40-40K7	2151	102	2121	101	2108	100	2167	103	21
ORX-2-WM-16L-40-40K8	1991	95	1963	93	1951	93	2005	95	21
ORX-2-WM-16L-40-50K7	2151	102	2121	101	2108	100	2167	103	21
ORX-2-WM-16L-40-50K8	1991	95	1963	93	1951	93	2005	95	21
ORX-2-WM-16L-53-27K7	2440	94	2405	93	2391	92	2458	95	26
ORX-2-WM-16L-53-27K8	2285	88	2252	87	2239	86	2301	89	26
ORX-2-WM-16L-53-30K7	2638	101	2601	100	2585	99	2657	102	26
ORX-2-WM-16L-53-30K8	2449	94	2415	93	2400	92	2467	95	26
ORX-2-WM-16L-53-35K8	2449	94	2415	93	2400	92	2467	95	26
ORX-2-WM-16L-53-40K7	2850	110	2810	108	2793	107	2871	110	26
ORX-2-WM-16L-53-40K8	2638	101	2601	100	2585	99	2657	102	26
ORX-2-WM-16L-53-50K7	2850	110	2810	108	2793	107	2871	110	26
ORX-2-WM-16L-53-50K8	2638	101	2601	100	2585	99	2657	102	26
ORX-2-WM-16L-7-27K7	3223	95	3177	93	3158	93	3246	95	34
ORX-2-WM-16L-7-27K8	3017	89	2974	87	2957	87	3039	89	34
ORX-2-WM-16L-7-30K7	3484	102	3435	101	3414	100	3509	103	34
ORX-2-WM-16L-7-30K8	3235	95	3189	94	3170	93	3259	96	34
ORX-2-WM-16L-7-35K8	3235	95	3189	94	3170	93	3259	96	34
ORX-2-WM-16L-7-40K7	3765	111	3711	109	3689	109	3792	112	34
ORX-2-WM-16L-7-40K8	3484	102	3435	101	3414	100	3509	103	34
ORX-2-WM-16L-7-50K7	3765	111	3711	109	3689	109	3792	112	34
ORX-2-WM-16L-7-50K8	3484	102	3435	101	3414	100	3509	103	34
ORX-2-WM-16L-1-27K7	4834	95	4765	93	4737	93	4869	95	51
ORX-2-WM-16L-1-27K8	4526	89	4462	87	4435	87	4559	89	51
ORX-2-WM-16L-1-30K7	5226	102	5152	101	5121	100	5264	103	51
ORX-2-WM-16L-1-30K8	4853	95	4784	94	4755	93	4888	96	51
ORX-2-WM-16L-1-35K8	4853	95	4784	94	4755	93	4888	96	51
ORX-2-WM-16L-1-40K7	5647	111	5567	109	5534	109	5688	112	51
ORX-2-WM-16L-1-40K8	5226	102	5152	101	5121	100	5264	103	51
ORX-2-WM-16L-1-50K7	5647	111	5567	109	5534	109	5688	112	51
ORX-2-WM-16L-1-50K8	5226	102	5152	101	5121	100	5264	103	51

3000K or lower, with fixed mounting options only, must be selected to meet International Dark Sky Association Certification

PRODUCT SPECIFICATIONS

ORX-2-WM-16L NO LENS

LUMEN CHART - PERFORMANCE SILICONE MICRO OPTICS					
PART NUMBER	T4FTW	LPW	T5W	LPW	WATTAGE
ORX-2-WM-16L-40-27K7	2121	101	2211	105	21
ORX-2-WM-16L-40-27K8	1986	95	2070	99	21
ORX-2-WM-16L-40-30K7	2293	109	2391	114	21
ORX-2-WM-16L-40-30K8	2129	101	2220	106	21
ORX-2-WM-16L-40-35K8	2129	101	2220	106	21
ORX-2-WM-16L-40-40K7	2478	118	2583	123	21
ORX-2-WM-16L-40-40K8	2294	109	2391	114	21
ORX-2-WM-16L-40-50K7	2478	118	2583	123	21
ORX-2-WM-16L-40-50K8	2294	109	2391	114	21
ORX-2-WM-16L-53-27K7	2613	93	3068	110	28
ORX-2-WM-16L-53-27K8	2447	87	2873	103	28
ORX-2-WM-16L-53-30K7	2825	101	3317	118	28
ORX-2-WM-16L-53-30K8	2623	94	3079	110	28
ORX-2-WM-16L-53-35K8	2623	94	3079	110	28
ORX-2-WM-16L-53-40K7	3052	109	3584	128	28
ORX-2-WM-16L-53-40K8	2825	101	3317	118	28
ORX-2-WM-16L-53-50K7	3052	109	3584	128	28
ORX-2-WM-16L-53-50K8	2825	101	3317	118	28
ORX-2-WM-16L-7-27K7	3082	86	3883	108	36
ORX-2-WM-16L-7-27K8	2885	80	3635	101	36
ORX-2-WM-16L-7-30K7	3332	93	4198	117	36
ORX-2-WM-16L-7-30K8	3094	86	3898	108	36
ORX-2-WM-16L-7-35K8	3094	86	3898	108	36
ORX-2-WM-16L-7-40K7	3600	100	4536	126	36
ORX-2-WM-16L-7-40K8	3331	93	4197	117	36
ORX-2-WM-16L-7-50K7	3600	100	4536	126	36
ORX-2-WM-16L-7-50K8	3331	93	4197	117	36
ORX-2-WM-16L-1-27K7	4691	84	5383	96	56
ORX-2-WM-16L-1-27K8	4392	78	5040	90	56
ORX-2-WM-16L-1-30K7	5072	91	5820	104	56
ORX-2-WM-16L-1-30K8	4710	84	5405	97	56
ORX-2-WM-16L-1-35K8	4710	84	5405	97	56
ORX-2-WM-16L-1-40K7	5480	98	6289	112	56
ORX-2-WM-16L-1-40K8	5071	91	5820	104	56
ORX-2-WM-16L-1-50K7	5480	98	6289	112	56
ORX-2-WM-16L-1-50K8	5071	91	5820	104	56

3000K or lower, with fixed mounting options only, must be selected to meet International Dark Sky Association Certification

PRODUCT SPECIFICATIONS

ORX-2-WM-32L NO LENS

LUMEN CHART - STANDARD SILICONE MICRO OPTICS									
PART NUMBER	T2	LPW	T3	LPW	T4	LPW	T5	LPW	WATTAGE
ORX-2-WM-32L-35-27K7	3223	95	3177	93	3158	93	3246	95	34
ORX-2-WM-32L-35-27K8	3017	89	2974	87	2957	87	3039	89	34
ORX-2-WM-32L-35-30K7	3484	102	3435	101	3414	100	3509	103	34
ORX-2-WM-32L-35-30K8	3235	95	3189	94	3170	93	3259	96	34
ORX-2-WM-32L-35-35K8	3235	95	3189	94	3170	93	3259	96	34
ORX-2-WM-32L-35-40K7	3765	111	3711	109	3689	109	3792	112	34
ORX-2-WM-32L-35-40K8	3484	102	3435	101	3414	100	3509	103	34
ORX-2-WM-32L-35-50K7	3765	111	3711	109	3689	109	3792	112	34
ORX-2-WM-32L-35-50K8	3484	102	3435	101	3414	100	3509	103	34
ORX-2-WM-32L-53-27K7	4880	94	4810	93	4782	92	4915	95	52
ORX-2-WM-32L-53-27K8	4569	88	4504	87	4477	86	4602	89	52
ORX-2-WM-32L-53-30K7	5276	101	5201	100	5170	99	5314	102	52
ORX-2-WM-32L-53-30K8	4899	94	4829	93	4801	92	4934	95	52
ORX-2-WM-32L-53-35K8	4899	94	4829	93	4801	92	4934	95	52
ORX-2-WM-32L-53-40K7	5701	110	5620	108	5586	107	5742	110	52
ORX-2-WM-32L-53-40K8	5276	101	5201	100	5170	99	5314	102	52
ORX-2-WM-32L-53-50K7	5701	110	5620	108	5586	107	5742	110	52
ORX-2-WM-32L-53-50K8	5276	101	5201	100	5170	99	5314	102	52
ORX-2-WM-32L-7-27K7	6445	95	6353	93	6316	93	6492	95	68
ORX-2-WM-32L-7-27K8	6035	89	5949	87	5914	87	6079	89	68
ORX-2-WM-32L-7-30K7	6968	102	6869	101	6829	100	7019	103	68
ORX-2-WM-32L-7-30K8	6470	95	6378	94	6340	93	6517	96	68
ORX-2-WM-32L-7-35K8	6470	95	6378	94	6340	93	6517	96	68
ORX-2-WM-32L-7-40K7	7529	111	7422	109	7378	109	7584	112	68
ORX-2-WM-32L-7-40K8	6968	102	6869	101	6829	100	7019	103	68
ORX-2-WM-32L-7-50K7	7529	111	7422	109	7378	109	7584	112	68
ORX-2-WM-32L-7-50K8	6968	102	6869	101	6829	100	7019	103	68
ORX-2-WM-32L-1-27K7	9668	95	9530	93	9474	93	9738	95	102
ORX-2-WM-32L-1-27K8	9052	89	8923	87	8870	87	9118	89	102
ORX-2-WM-32L-1-30K7	10453	102	10304	101	10243	100	10528	103	102
ORX-2-WM-32L-1-30K8	9705	95	9567	94	9510	93	9776	96	102
ORX-2-WM-32L-1-35K8	9705	95	9567	94	9510	93	9776	96	102
ORX-2-WM-32L-1-40K7	11294	111	11133	109	11067	109	11376	112	102
ORX-2-WM-32L-1-40K8	10453	102	10304	101	10243	100	10528	103	102
ORX-2-WM-32L-1-50K7	11294	111	11133	109	11067	109	11376	112	102
ORX-2-WM-32L-1-50K8	10453	102	10304	101	10243	100	10528	103	102
ORX-2-WM-32L-12-27K7	11509	92	11345	91	11278	90	11593	93	125
ORX-2-WM-32L-12-27K8	10776	86	10623	85	10560	84	10855	87	125
ORX-2-WM-32L-12-30K7	12444	100	12267	98	12194	98	12534	100	125
ORX-2-WM-32L-12-30K8	11554	92	11389	91	11322	91	11638	93	125
ORX-2-WM-32L-12-35K8	11554	92	11389	91	11322	91	11638	93	125
ORX-2-WM-32L-12-40K7	13445	108	13254	106	13175	105	13543	108	125
ORX-2-WM-32L-12-40K8	12444	100	12267	98	12194	98	12534	100	125
ORX-2-WM-32L-12-50K7	13445	108	13254	106	13175	105	13543	108	125
ORX-2-WM-32L-12-50K8	12444	100	12267	98	12194	98	12534	100	125
ORX-2-WM-32L-14-27K7	12890	92	12707	91	12631	90	12984	93	140
ORX-2-WM-32L-14-27K8	12069	86	11898	85	11827	84	12157	87	140
ORX-2-WM-32L-14-30K7	13937	100	13739	98	13657	98	14038	100	140
ORX-2-WM-32L-14-30K8	12940	92	12756	91	12681	91	13034	93	140
ORX-2-WM-32L-14-35K8	12940	92	12756	91	12681	91	13034	93	140
ORX-2-WM-32L-14-40K7	15059	108	14844	106	14756	105	15168	108	140
ORX-2-WM-32L-14-40K8	13937	100	13739	98	13657	98	14038	100	140
ORX-2-WM-32L-14-50K7	15059	108	14844	106	14756	105	15168	108	140
ORX-2-WM-32L-14-50K8	13937	100	13739	98	13657	98	14038	100	140



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PRODUCT SPECIFICATIONS

ORX-2-WM-32L NO LENS

LUMEN CHART - PERFORMANCE SILICONE MICRO OPTICS					
PART NUMBER	T4FTW	LPW	T5W	LPW	WATTAGE
ORX-2-WM-32L-35-27K7	3696	109	3638	107	34
ORX-2-WM-32L-35-27K8	3460	102	3405	100	34
ORX-2-WM-32L-35-30K7	3996	118	3933	116	34
ORX-2-WM-32L-35-30K8	3710	109	3652	107	34
ORX-2-WM-32L-35-35K8	3710	109	3652	107	34
ORX-2-WM-32L-35-40K7	4318	127	4250	125	34
ORX-2-WM-32L-35-40K8	3996	118	3933	116	34
ORX-2-WM-32L-35-50K7	4318	127	4250	125	34
ORX-2-WM-32L-35-50K8	3996	118	3933	116	34
ORX-2-WM-32L-53-27K7	5208	100	5519	106	52
ORX-2-WM-32L-53-27K8	4876	94	5167	99	52
ORX-2-WM-32L-53-30K7	5631	108	5968	115	52
ORX-2-WM-32L-53-30K8	5229	101	5542	107	52
ORX-2-WM-32L-53-35K8	5229	101	5542	107	52
ORX-2-WM-32L-53-40K7	6084	117	6448	124	52
ORX-2-WM-32L-53-40K8	5630	108	5967	115	52
ORX-2-WM-32L-53-50K7	6084	117	6448	124	52
ORX-2-WM-32L-53-50K8	5630	108	5967	115	52
ORX-2-WM-32L-7-27K7	6503	92	7354	104	71
ORX-2-WM-32L-7-27K8	6089	86	6886	97	71
ORX-2-WM-32L-7-30K7	7031	99	7951	112	71
ORX-2-WM-32L-7-30K8	6528	92	7383	104	71
ORX-2-WM-32L-7-35K8	6528	92	7383	104	71
ORX-2-WM-32L-7-40K7	7597	107	8591	121	71
ORX-2-WM-32L-7-40K8	7031	99	7951	112	71
ORX-2-WM-32L-7-50K7	7597	107	8591	121	71
ORX-2-WM-32L-7-50K8	7031	99	7951	112	71
ORX-2-WM-32L-1-27K7	9472	90	9723	93	105
ORX-2-WM-32L-1-27K8	8868	84	9103	87	105
ORX-2-WM-32L-1-30K7	10242	98	10513	100	105
ORX-2-WM-32L-1-30K8	9509	91	9761	93	105
ORX-2-WM-32L-1-35K8	9509	91	9761	93	105
ORX-2-WM-32L-1-40K7	11066	105	11359	108	105
ORX-2-WM-32L-1-40K8	10242	98	10513	100	105
ORX-2-WM-32L-1-50K7	11066	105	11359	108	105
ORX-2-WM-32L-1-50K8	10242	98	10513	100	105
ORX-2-WM-32L-12-27K7	11217	89	11541	92	126
ORX-2-WM-32L-12-27K8	10503	83	10806	86	126
ORX-2-WM-32L-12-30K7	12128	96	12478	99	126
ORX-2-WM-32L-12-30K8	11261	89	11586	92	126
ORX-2-WM-32L-12-35K8	11261	89	11586	92	126
ORX-2-WM-32L-12-40K7	13104	104	13482	107	126
ORX-2-WM-32L-12-40K8	12128	96	12478	99	126
ORX-2-WM-32L-12-50K7	13104	104	13482	107	126
ORX-2-WM-32L-12-50K8	12128	96	12478	99	126
ORX-2-WM-32L-14-27K7	12552	89	12914	92	141
ORX-2-WM-32L-14-27K8	11753	83	12091	86	141
ORX-2-WM-32L-14-30K7	13572	96	13963	99	141
ORX-2-WM-32L-14-30K8	12601	89	12964	92	141
ORX-2-WM-32L-14-35K8	12601	89	12964	92	141
ORX-2-WM-32L-14-40K7	14664	104	15087	107	141
ORX-2-WM-32L-14-40K8	13571	96	13963	99	141
ORX-2-WM-32L-14-50K7	14664	104	15087	107	141
ORX-2-WM-32L-14-50K8	13571	96	13963	99	141

PRODUCT SPECIFICATIONS

ORX-2-WM-64L NO LENS

LUMEN CHART - STANDARD SILICONE MICRO OPTICS									
PART NUMBER	T2	LPW	T3	LPW	T4	LPW	T5	LPW	WATTAGE
ORX-2-WM-64L-35-27K7	6445	95	6353	93	6316	93	6492	95	68
ORX-2-WM-64L-35-27K8	6035	89	5949	87	5914	87	6079	89	68
ORX-2-WM-64L-35-30K7	6969	102	6869	101	6829	100	7019	103	68
ORX-2-WM-64L-35-30K8	6470	95	6378	94	6340	93	6517	96	68
ORX-2-WM-64L-35-35K8	6470	95	6378	94	6340	93	6517	96	68
ORX-2-WM-64L-35-40K7	7530	111	7422	109	7378	109	7584	112	68
ORX-2-WM-64L-35-40K8	6969	102	6869	101	6829	100	7019	103	68
ORX-2-WM-64L-35-50K7	7530	111	7422	109	7378	109	7584	112	68
ORX-2-WM-64L-35-50K8	6969	102	6869	101	6829	100	7019	103	68
ORX-2-WM-64L-53-27K7	9760	95	9621	93	9564	93	9831	95	103
ORX-2-WM-64L-53-27K8	9139	89	9008	87	8955	87	9205	89	103
ORX-2-WM-64L-53-30K7	10552	102	10402	101	10341	100	10629	103	103
ORX-2-WM-64L-53-30K8	9798	95	9658	94	9601	93	9869	96	103
ORX-2-WM-64L-53-35K8	9798	95	9658	94	9601	93	9869	96	103
ORX-2-WM-64L-53-40K7	11402	111	11239	109	11173	108	11485	112	103
ORX-2-WM-64L-53-40K8	10552	102	10402	101	10341	100	10629	103	103
ORX-2-WM-64L-53-50K7	11402	111	11239	109	11173	108	11485	112	103
ORX-2-WM-64L-53-50K8	10552	102	10402	101	10341	100	10629	103	103
ORX-2-WM-64L-7-27K7	12891	94	12707	93	12632	92	12984	95	137
ORX-2-WM-64L-7-27K8	12070	88	11898	87	11827	86	12157	89	137
ORX-2-WM-64L-7-30K7	13937	102	13738	100	13657	100	14038	102	137
ORX-2-WM-64L-7-30K8	12941	94	12756	93	12681	93	13035	95	137
ORX-2-WM-64L-7-35K8	12941	94	12756	93	12681	93	13035	95	137
ORX-2-WM-64L-7-40K7	15059	110	14844	108	14757	108	15168	111	137
ORX-2-WM-64L-7-40K8	13937	102	13738	100	13657	100	14038	102	137
ORX-2-WM-64L-7-50K7	15059	110	14844	108	14757	108	15168	111	137
ORX-2-WM-64L-7-50K8	13937	102	13738	100	13657	100	14038	102	137
ORX-2-WM-64L-1A-27K7	18415	92	18152	91	18045	90	18549	93	200
ORX-2-WM-64L-1A-27K8	17243	86	16996	85	16896	84	17368	87	200
ORX-2-WM-64L-1A-30K7	19910	100	19626	98	19510	98	20055	100	200
ORX-2-WM-64L-1A-30K8	18487	92	18223	91	18115	91	18621	93	200
ORX-2-WM-64L-1A-35K8	18487	92	18223	91	18115	91	18621	93	200
ORX-2-WM-64L-1A-40K7	21513	108	21206	106	21081	105	21669	108	200
ORX-2-WM-64L-1A-40K8	19910	100	19626	98	19510	98	20055	100	200
ORX-2-WM-64L-1A-50K7	21513	108	21206	106	21081	105	21669	108	200
ORX-2-WM-64L-1A-50K8	19910	100	19626	98	19510	98	20055	100	200

PRODUCT SPECIFICATIONS

ORX-2-WM-64L NO LENS

LUMEN CHART - PERFORMANCE SILICONE MICRO OPTICS					
PART NUMBER	T4FTW	LPW	T5W	LPW	WATTAGE
ORX-2-WM-64L-35-27K7	7392	109	8033	118	68
ORX-2-WM-64L-35-27K8	6921	102	7521	111	68
ORX-2-WM-64L-35-30K7	7993	118	8685	128	68
ORX-2-WM-64L-35-30K8	7421	109	8064	119	68
ORX-2-WM-64L-35-35K8	7421	109	8064	119	68
ORX-2-WM-64L-35-40K7	8636	127	9384	138	68
ORX-2-WM-64L-35-40K8	7993	118	8685	128	68
ORX-2-WM-64L-35-50K7	8636	127	9384	138	68
ORX-2-WM-64L-35-50K8	7993	118	8685	128	68
ORX-2-WM-64L-53-27K7	10316	100	12079	117	103
ORX-2-WM-64L-53-27K8	9659	94	11310	110	103
ORX-2-WM-64L-53-30K7	11153	108	13060	127	103
ORX-2-WM-64L-53-30K8	10355	101	12126	118	103
ORX-2-WM-64L-53-35K8	10355	101	12126	118	103
ORX-2-WM-64L-53-40K7	12051	117	14111	137	103
ORX-2-WM-64L-53-40K8	11153	108	13060	127	103
ORX-2-WM-64L-53-50K7	12051	117	14111	137	103
ORX-2-WM-64L-53-50K8	11153	108	13060	127	103
ORX-2-WM-64L-7-27K7	12548	92	15832	116	137
ORX-2-WM-64L-7-27K8	11749	86	14824	108	137
ORX-2-WM-64L-7-30K7	13567	99	17177	125	137
ORX-2-WM-64L-7-30K8	12596	92	15948	116	137
ORX-2-WM-64L-7-35K8	12596	92	15948	116	137
ORX-2-WM-64L-7-40K7	14659	107	18495	135	137
ORX-2-WM-64L-7-40K8	13567	99	17117	125	137
ORX-2-WM-64L-7-50K7	14659	107	18495	135	137
ORX-2-WM-64L-7-50K8	13567	99	17117	125	137
ORX-2-WM-64L-1A-27K7	17616	90	20203	103	196
ORX-2-WM-64L-1A-27K8	16494	84	18916	97	196
ORX-2-WM-64L-1A-30K7	19046	97	21844	111	196
ORX-2-WM-64L-1A-30K8	17684	90	20281	103	196
ORX-2-WM-64L-1A-35K8	17684	90	20281	103	196
ORX-2-WM-64L-1A-40K7	20579	105	23602	120	196
ORX-2-WM-64L-1A-40K8	19046	97	21843	111	196
ORX-2-WM-64L-1A-50K7	20579	105	23602	120	196
ORX-2-WM-64L-1A-50K8	19046	97	21843	111	196

PRODUCT SPECIFICATIONS

ORX-2-WM-16L CLEAR LENS

LUMEN CHART - STANDARD SILICONE MICRO OPTICS									
PART NUMBER	T2 CTG	LPW	T3 CTG	LPW	T4 CTG	LPW	T5 CTG	LPW	WATTAGE
ORX-2-WM-16L-40-27K7	1565	75	1543	73	1534	73	1577	75	21
ORX-2-WM-16L-40-27K8	1466	70	1445	69	1437	68	1477	70	21
ORX-2-WM-16L-40-30K7	1692	81	1669	79	1658	79	1704	81	21
ORX-2-WM-16L-40-30K8	1572	75	1549	74	1540	73	1583	75	21
ORX-2-WM-16L-40-35K8	1572	75	1549	74	1540	73	1583	75	21
ORX-2-WM-16L-40-40K7	1829	87	1803	86	1792	85	1842	88	21
ORX-2-WM-16L-40-40K8	1692	81	1669	79	1658	79	1704	81	21
ORX-2-WM-16L-40-50K7	1829	87	1803	86	1792	85	1842	88	21
ORX-2-WM-16L-40-50K8	1692	81	1669	79	1658	79	1704	81	21
ORX-2-WM-16L-53-27K7	2074	80	2044	79	2033	78	2089	80	26
ORX-2-WM-16L-53-27K8	1942	75	1914	74	1903	73	1956	75	26
ORX-2-WM-16L-53-30K7	2242	86	2211	85	2197	85	2259	87	26
ORX-2-WM-16L-53-30K8	2082	80	2053	79	2040	78	2097	81	26
ORX-2-WM-16L-53-35K8	2082	80	2053	79	2040	78	2097	81	26
ORX-2-WM-16L-53-40K7	2423	93	2389	92	2374	91	2441	94	26
ORX-2-WM-16L-53-40K8	2242	86	2211	85	2197	85	2259	87	26
ORX-2-WM-16L-53-50K7	2423	93	2389	92	2374	91	2441	94	26
ORX-2-WM-16L-53-50K8	2242	86	2211	85	2197	85	2259	87	26
ORX-2-WM-16L-7-27K7	2740	81	2701	79	2685	79	2759	81	34
ORX-2-WM-16L-7-27K8	2565	75	2528	74	2514	74	2583	76	34
ORX-2-WM-16L-7-30K7	2962	87	2920	86	2902	85	2983	88	34
ORX-2-WM-16L-7-30K8	2750	81	2711	80	2695	79	2770	81	34
ORX-2-WM-16L-7-35K8	2750	81	2711	80	2695	79	2770	81	34
ORX-2-WM-16L-7-40K7	3201	94	3155	93	3136	92	3223	95	34
ORX-2-WM-16L-7-40K8	2962	87	2920	86	2902	85	2983	88	34
ORX-2-WM-16L-7-50K7	3201	94	3155	93	3136	92	3223	95	34
ORX-2-WM-16L-7-50K8	2962	87	2920	86	2902	85	2983	88	34
ORX-2-WM-16L-1-27K7	4109	81	4051	79	4027	79	4139	81	51
ORX-2-WM-16L-1-27K8	3847	75	3793	74	3770	74	3875	76	51
ORX-2-WM-16L-1-30K7	4442	87	4380	86	4353	85	4475	88	51
ORX-2-WM-16L-1-30K8	4125	81	4067	80	4042	79	4155	81	51
ORX-2-WM-16L-1-35K8	4125	81	4067	80	4042	79	4155	81	51
ORX-2-WM-16L-1-40K7	4800	94	4732	93	4704	92	4835	95	51
ORX-2-WM-16L-1-40K8	4442	87	4380	86	4353	85	4475	88	51
ORX-2-WM-16L-1-50K7	4800	94	4732	93	4704	92	4835	95	51
ORX-2-WM-16L-1-50K8	4442	87	4380	86	4353	85	4475	88	51

PRODUCT SPECIFICATIONS

ORX-2-WM-16L CLEAR LENS

LUMEN CHART - PERFORMANCE SILICONE MICRO OPTICS					
PART NUMBER	T4FTW CTG	LPW	T5W CTG	LPW	WATTAGE
ORX-2-WM-16L-40-27K7	1803	86	1879	89	21
ORX-2-WM-16L-40-27K8	1688	80	1760	84	21
ORX-2-WM-16L-40-30K7	1949	93	2032	97	21
ORX-2-WM-16L-40-30K8	1810	86	1887	90	21
ORX-2-WM-16L-40-35K8	1810	86	1887	90	21
ORX-2-WM-16L-40-40K7	2106	100	2195	105	21
ORX-2-WM-16L-40-40K8	1950	93	2032	97	21
ORX-2-WM-16L-40-50K7	2106	100	2195	105	21
ORX-2-WM-16L-40-50K8	1950	93	2032	97	21
ORX-2-WM-16L-53-27K7	2221	79	2607	93	28
ORX-2-WM-16L-53-27K8	2080	74	2442	87	28
ORX-2-WM-16L-53-30K7	2401	86	2819	101	28
ORX-2-WM-16L-53-30K8	2229	80	2617	93	28
ORX-2-WM-16L-53-35K8	2229	80	2617	93	28
ORX-2-WM-16L-53-40K7	2594	93	3046	109	28
ORX-2-WM-16L-53-40K8	2401	86	2819	101	28
ORX-2-WM-16L-53-50K7	2594	93	3046	109	28
ORX-2-WM-16L-53-50K8	2401	86	2819	101	28
ORX-2-WM-16L-7-27K7	2620	73	3300	92	36
ORX-2-WM-16L-7-27K8	2452	68	3089	86	36
ORX-2-WM-16L-7-30K7	2832	79	3568	99	36
ORX-2-WM-16L-7-30K8	2630	73	3313	92	36
ORX-2-WM-16L-7-35K8	2630	73	3313	92	36
ORX-2-WM-16L-7-40K7	3060	85	3855	107	36
ORX-2-WM-16L-7-40K8	2832	79	3567	99	36
ORX-2-WM-16L-7-50K7	3060	85	3855	107	36
ORX-2-WM-16L-7-50K8	2832	79	3567	99	36
ORX-2-WM-16L-1-27K7	3988	71	4575	82	56
ORX-2-WM-16L-1-27K8	3734	67	4283	76	56
ORX-2-WM-16L-1-30K7	4312	77	4946	88	56
ORX-2-WM-16L-1-30K8	4004	71	4593	82	56
ORX-2-WM-16L-1-35K8	4004	71	4593	82	56
ORX-2-WM-16L-1-40K7	4658	83	5345	95	56
ORX-2-WM-16L-1-40K8	4311	77	4946	88	56
ORX-2-WM-16L-1-50K7	4658	83	5345	95	56
ORX-2-WM-16L-1-50K8	4311	77	4946	88	56

PRODUCT SPECIFICATIONS

ORX-2-WM-32L CLEAR LENS

LUMEN CHART - STANDARD SILICONE MICRO OPTICS									
PART NUMBER	T2 CTG	LPW	T3 CTG	LPW	T4 CTG	LPW	T5 CTG	LPW	WATTAGE
ORX-2-WM-32L-35-27K7	2740	81	2701	79	2685	79	2759	81	34
ORX-2-WM-32L-35-27K8	2565	75	2528	74	2514	74	2583	76	34
ORX-2-WM-32L-35-30K7	2962	87	2920	86	2902	85	2983	88	34
ORX-2-WM-32L-35-30K8	2750	81	2711	80	2695	79	2770	81	34
ORX-2-WM-32L-35-35K8	2750	81	2711	80	2695	79	2770	81	34
ORX-2-WM-32L-35-40K7	3201	94	3155	93	3136	92	3223	95	34
ORX-2-WM-32L-35-40K8	2962	87	2920	86	2902	85	2983	88	34
ORX-2-WM-32L-35-50K7	3201	94	3155	93	3136	92	3223	95	34
ORX-2-WM-32L-35-50K8	2962	87	2920	86	2902	85	2983	88	34
ORX-2-WM-32L-53-27K7	4148	80	4089	79	4065	78	4178	80	52
ORX-2-WM-32L-53-27K8	3884	75	3829	74	3806	73	3912	75	52
ORX-2-WM-32L-53-30K7	4485	86	4421	85	4395	85	4517	87	52
ORX-2-WM-32L-53-30K8	4164	80	4105	79	4081	78	4194	81	52
ORX-2-WM-32L-53-35K8	4164	80	4105	79	4081	78	4194	81	52
ORX-2-WM-32L-53-40K7	4846	93	4777	92	4748	91	4881	94	52
ORX-2-WM-32L-53-40K8	4485	86	4421	85	4395	85	4517	87	52
ORX-2-WM-32L-53-50K7	4846	93	4777	92	4748	91	4881	94	52
ORX-2-WM-32L-53-50K8	4485	86	4421	85	4395	85	4517	87	52
ORX-2-WM-32L-7-27K7	5479	81	5400	79	5369	79	5519	81	68
ORX-2-WM-32L-7-27K8	5130	75	5057	74	5027	74	5168	76	68
ORX-2-WM-32L-7-30K7	5923	87	5839	86	5805	85	5967	88	68
ORX-2-WM-32L-7-30K8	5500	81	5422	80	5389	79	5540	81	68
ORX-2-WM-32L-7-35K8	5500	81	5422	80	5389	79	5540	81	68
ORX-2-WM-32L-7-40K7	6400	94	6309	93	6272	92	6447	95	68
ORX-2-WM-32L-7-40K8	5923	87	5839	86	5805	85	5967	88	68
ORX-2-WM-32L-7-50K7	6400	94	6309	93	6272	92	6447	95	68
ORX-2-WM-32L-7-50K8	5923	87	5839	86	5805	85	5967	88	68
ORX-2-WM-32L-1-27K7	8218	81	8101	79	8054	79	8278	81	102
ORX-2-WM-32L-1-27K8	7695	75	7585	74	7540	74	7751	76	102
ORX-2-WM-32L-1-30K7	8886	87	8759	86	8707	85	8950	88	102
ORX-2-WM-32L-1-30K8	8250	81	8133	80	8084	79	8310	81	102
ORX-2-WM-32L-1-35K8	8250	81	8133	80	8084	79	8310	81	102
ORX-2-WM-32L-1-40K7	9601	94	9464	93	9408	92	9670	95	102
ORX-2-WM-32L-1-40K8	8886	87	8759	86	8707	85	8950	88	102
ORX-2-WM-32L-1-50K7	9601	94	9464	93	9408	92	9670	95	102
ORX-2-WM-32L-1-50K8	8886	87	8759	86	8707	85	8950	88	102
ORX-2-WM-32L-12-27K7	9783	78	9644	77	9587	77	9855	79	125
ORX-2-WM-32L-12-27K8	9160	73	9030	72	8977	72	9228	74	125
ORX-2-WM-32L-12-30K7	10578	85	10428	83	10366	83	10655	85	125
ORX-2-WM-32L-12-30K8	9822	79	9681	77	9625	77	9893	79	125
ORX-2-WM-32L-12-35K8	9822	79	9681	77	9625	77	9893	79	125
ORX-2-WM-32L-12-40K7	11429	91	11267	90	11200	90	11513	92	125
ORX-2-WM-32L-12-40K8	10578	85	10428	83	10366	83	10655	85	125
ORX-2-WM-32L-12-50K7	11429	91	11267	90	11200	90	11513	92	125
ORX-2-WM-32L-12-50K8	10578	85	10428	83	10366	83	10655	85	125
ORX-2-WM-32L-14-27K7	10957	78	10802	77	10737	77	11037	79	140
ORX-2-WM-32L-14-27K8	10260	73	10114	72	10054	72	10334	74	140
ORX-2-WM-32L-14-30K7	11847	85	11679	83	11609	83	11933	85	140
ORX-2-WM-32L-14-30K8	11000	79	10844	77	10780	77	11080	79	140
ORX-2-WM-32L-14-35K8	11000	79	10844	77	10780	77	11080	79	140
ORX-2-WM-32L-14-40K7	12801	91	12618	90	12544	90	12894	92	140
ORX-2-WM-32L-14-40K8	11847	85	11679	83	11609	83	11933	85	140
ORX-2-WM-32L-14-50K7	12801	91	12618	90	12544	90	12894	92	140
ORX-2-WM-32L-14-50K8	11847	85	11679	83	11609	83	11933	85	140



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PRODUCT SPECIFICATIONS

ORX-2-WM-32L CLEAR LENS

LUMEN CHART - PERFORMANCE SILICONE MICRO OPTICS					
PART NUMBER	T4FTW CTG	LPW	T5W CTG	LPW	WATTAGE
ORX-2-WM-32L-35-27K7	3141	92	3092	91	34
ORX-2-WM-32L-35-27K8	2940	86	2894	85	34
ORX-2-WM-32L-35-30K7	3396	100	3342	98	34
ORX-2-WM-32L-35-30K8	3153	93	3104	91	34
ORX-2-WM-32L-35-35K8	3153	93	3104	91	34
ORX-2-WM-32L-35-40K7	3670	108	3612	106	34
ORX-2-WM-32L-35-40K8	3396	100	3342	98	34
ORX-2-WM-32L-35-50K7	3670	108	3612	106	34
ORX-2-WM-32L-35-50K8	3396	100	3342	98	34
ORX-2-WM-32L-53-27K7	4426	85	4690	90	52
ORX-2-WM-32L-53-27K8	4144	80	4391	84	52
ORX-2-WM-32L-53-30K7	4785	92	5072	98	52
ORX-2-WM-32L-53-30K8	4444	85	4709	91	52
ORX-2-WM-32L-53-35K8	4444	85	4709	91	52
ORX-2-WM-32L-53-40K7	5170	99	5480	105	52
ORX-2-WM-32L-53-40K8	4785	92	5071	98	52
ORX-2-WM-32L-53-50K7	5170	99	5480	105	52
ORX-2-WM-32L-53-50K8	4785	92	5071	98	52
ORX-2-WM-32L-7-27K7	5527	78	6250	88	71
ORX-2-WM-32L-7-27K8	5175	73	5852	82	71
ORX-2-WM-32L-7-30K7	5975	84	6757	95	71
ORX-2-WM-32L-7-30K8	5548	78	6274	88	71
ORX-2-WM-32L-7-35K8	5548	78	6274	88	71
ORX-2-WM-32L-7-40K7	6456	91	7301	103	71
ORX-2-WM-32L-7-40K8	5975	84	6757	95	71
ORX-2-WM-32L-7-50K7	6456	91	7301	103	71
ORX-2-WM-32L-7-50K8	5975	84	6757	95	71
ORX-2-WM-32L-1-27K7	8050	77	8263	79	105
ORX-2-WM-32L-1-27K8	7537	72	7737	74	105
ORX-2-WM-32L-1-30K7	8704	83	8934	85	105
ORX-2-WM-32L-1-30K8	8081	77	8295	79	105
ORX-2-WM-32L-1-35K8	8081	77	8295	79	105
ORX-2-WM-32L-1-40K7	9404	90	9653	92	105
ORX-2-WM-32L-1-40K8	8704	83	8935	85	105
ORX-2-WM-32L-1-50K7	9404	90	9653	92	105
ORX-2-WM-32L-1-50K8	8704	83	8935	85	105
ORX-2-WM-32L-12-27K7	9533	76	9808	78	126
ORX-2-WM-32L-12-27K8	8926	71	9183	73	126
ORX-2-WM-32L-12-30K7	10307	82	10604	84	126
ORX-2-WM-32L-12-30K8	9570	76	9846	78	126
ORX-2-WM-32L-12-35K8	9570	76	9846	78	126
ORX-2-WM-32L-12-40K7	11136	88	11458	91	126
ORX-2-WM-32L-12-40K8	10307	82	10605	84	126
ORX-2-WM-32L-12-50K7	11136	88	11458	91	126
ORX-2-WM-32L-12-50K8	10307	82	10605	84	126
ORX-2-WM-32L-14-27K7	10667	76	10975	78	141
ORX-2-WM-32L-14-27K8	9988	71	10276	73	141
ORX-2-WM-32L-14-30K7	11534	82	11866	84	141
ORX-2-WM-32L-14-30K8	10709	76	11017	78	141
ORX-2-WM-32L-14-35K8	10709	76	11017	78	141
ORX-2-WM-32L-14-40K7	12462	88	12822	91	141
ORX-2-WM-32L-14-40K8	11534	82	11866	84	141
ORX-2-WM-32L-14-50K7	12462	88	12822	91	141
ORX-2-WM-32L-14-50K8	11534	82	11866	84	141



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PRODUCT SPECIFICATIONS

ORX-2-WM-64L CLEAR LENS

LUMEN CHART - STANDARD SILICONE MICRO OPTICS									
PART NUMBER	T2 CTG	LPW	T3 CTG	LPW	T4 CTG	LPW	T5 CTG	LPW	WATTAGE
ORX-2-WM-64L-35-27K7	5479	81	5400	79	5369	79	5519	81	68
ORX-2-WM-64L-35-27K8	5130	75	5057	74	5027	74	5168	76	68
ORX-2-WM-64L-35-30K7	5924	87	5839	86	5805	85	5967	88	68
ORX-2-WM-64L-35-30K8	5500	81	5422	80	5389	79	5540	81	68
ORX-2-WM-64L-35-35K8	5500	81	5422	80	5389	79	5540	81	68
ORX-2-WM-64L-35-40K7	6401	94	6309	93	6272	92	6447	95	68
ORX-2-WM-64L-35-40K8	5924	87	5839	86	5805	85	5967	88	68
ORX-2-WM-64L-35-50K7	6401	94	6309	93	6272	92	6447	95	68
ORX-2-WM-64L-35-50K8	5924	87	5839	86	5805	85	5967	88	68
ORX-2-WM-64L-53-27K7	8297	81	8179	79	8130	79	8357	81	103
ORX-2-WM-64L-53-27K8	7769	75	7657	74	7612	74	7825	76	103
ORX-2-WM-64L-53-30K7	8970	87	8842	86	8791	85	9035	88	103
ORX-2-WM-64L-53-30K8	8329	81	8210	80	8162	79	8389	81	103
ORX-2-WM-64L-53-35K8	8329	81	8210	80	8162	79	8389	81	103
ORX-2-WM-64L-53-40K7	9693	94	9554	93	9498	92	9763	95	103
ORX-2-WM-64L-53-40K8	8970	87	8842	86	8791	85	9035	88	103
ORX-2-WM-64L-53-50K7	9693	94	9554	93	9498	92	9763	95	103
ORX-2-WM-64L-53-50K8	8970	87	8842	86	8791	85	9035	88	103
ORX-2-WM-64L-7-27K7	10958	80	10802	79	10738	78	11037	81	137
ORX-2-WM-64L-7-27K8	10260	75	10114	74	10054	73	10334	75	137
ORX-2-WM-64L-7-30K7	11847	86	11678	85	11609	85	11933	87	137
ORX-2-WM-64L-7-30K8	11001	80	10844	79	10780	79	11081	81	137
ORX-2-WM-64L-7-35K8	11001	80	10844	79	10780	79	11081	81	137
ORX-2-WM-64L-7-40K7	12801	93	12618	92	12544	92	12894	94	137
ORX-2-WM-64L-7-40K8	11847	86	11678	85	11609	85	11933	87	137
ORX-2-WM-64L-7-50K7	12801	93	12618	92	12544	92	12894	94	137
ORX-2-WM-64L-7-50K8	11847	86	11678	85	11609	85	11933	87	137
ORX-2-WM-64L-1A-27K7	15654	78	15430	77	15340	77	15768	79	200
ORX-2-WM-64L-1A-27K8	14658	73	14448	72	14363	72	14764	74	200
ORX-2-WM-64L-1A-30K7	16925	85	16683	83	16585	83	17048	85	200
ORX-2-WM-64L-1A-30K8	15715	79	15491	77	15399	77	15829	79	200
ORX-2-WM-64L-1A-35K8	15715	79	15491	77	15399	77	15829	79	200
ORX-2-WM-64L-1A-40K7	18288	91	18027	90	17920	90	18420	92	200
ORX-2-WM-64L-1A-40K8	16925	85	16683	83	16585	83	17048	85	200
ORX-2-WM-64L-1A-50K7	18288	91	18027	90	17920	90	18420	92	200
ORX-2-WM-64L-1A-50K8	16925	85	16683	83	16585	83	17048	85	200

PRODUCT SPECIFICATIONS

ORX-2-WM-64L CLEAR LENS

LUMEN CHART - PERFORMANCE SILICONE MICRO OPTICS					
PART NUMBER	T4FTW CTG	LPW	T5W CTG	LPW	WATTAGE
ORX-2-WM-64L-35-27K7	6282	92	6827	100	68
ORX-2-WM-64L-35-27K8	5882	86	6392	94	68
ORX-2-WM-64L-35-30K7	6793	100	7381	109	68
ORX-2-WM-64L-35-30K8	6307	93	6853	101	68
ORX-2-WM-64L-35-35K8	6307	93	6853	101	68
ORX-2-WM-64L-35-40K7	7339	108	7975	117	68
ORX-2-WM-64L-35-40K8	6792	100	7381	109	68
ORX-2-WM-64L-35-50K7	7339	108	7975	117	68
ORX-2-WM-64L-35-50K8	6792	100	7381	109	68
ORX-2-WM-64L-53-27K7	8767	85	10265	100	103
ORX-2-WM-64L-53-27K8	8209	80	9611	93	103
ORX-2-WM-64L-53-30K7	9478	92	11099	108	103
ORX-2-WM-64L-53-30K8	8800	85	10305	100	103
ORX-2-WM-64L-53-35K8	8800	85	10305	100	103
ORX-2-WM-64L-53-40K7	10241	99	11992	116	103
ORX-2-WM-64L-53-40K8	9478	92	11099	108	103
ORX-2-WM-64L-53-50K7	10241	99	11992	116	103
ORX-2-WM-64L-53-50K8	9478	92	11099	108	103
ORX-2-WM-64L-7-27K7	10664	78	13455	98	137
ORX-2-WM-64L-7-27K8	9985	73	12598	92	137
ORX-2-WM-64L-7-30K7	11530	84	14598	107	137
ORX-2-WM-64L-7-30K8	10705	78	13553	99	137
ORX-2-WM-64L-7-35K8	10705	78	13553	99	137
ORX-2-WM-64L-7-40K7	12458	91	15718	115	137
ORX-2-WM-64L-7-40K8	11530	84	14547	106	137
ORX-2-WM-64L-7-50K7	12458	91	15718	115	137
ORX-2-WM-64L-7-50K8	11530	84	14547	106	137
ORX-2-WM-64L-1A-27K7	14971	76	17169	88	196
ORX-2-WM-64L-1A-27K8	14017	72	16076	82	196
ORX-2-WM-64L-1A-30K7	16186	83	18564	95	196
ORX-2-WM-64L-1A-30K8	15028	77	17236	88	196
ORX-2-WM-64L-1A-35K8	15028	77	17236	88	196
ORX-2-WM-64L-1A-40K7	17489	89	20058	102	196
ORX-2-WM-64L-1A-40K8	16186	83	18564	95	196
ORX-2-WM-64L-1A-50K7	17489	89	20058	102	196
ORX-2-WM-64L-1A-50K8	16186	83	18564	95	196

PRODUCT SPECIFICATIONS

BUG RATING CHARTS

ORX-2-WM-16L

BUG RATING CHART - STANDARD SILICONE MICRO OPTICS				
PART NUMBER	T2	T3	T4	T5
ORX-2-WM-16L-40-27K7	B1-U0-G1	B1-U0-G1	B1-U0-G1	B1-U0-G0
ORX-2-WM-16L-40-27K8	B1-U0-G1	B1-U0-G1	B1-U0-G1	B1-U0-G0
ORX-2-WM-16L-40-30K7	B1-U0-G1	B1-U0-G1	B1-U0-G1	B1-U0-G1
ORX-2-WM-16L-40-30K8	B1-U0-G1	B1-U0-G1	B1-U0-G1	B1-U0-G1
ORX-2-WM-16L-40-35K8	B1-U0-G1	B1-U0-G1	B1-U0-G1	B1-U0-G1
ORX-2-WM-16L-40-40K7	B1-U0-G1	B1-U0-G1	B1-U0-G1	B1-U0-G1
ORX-2-WM-16L-40-40K8	B1-U0-G1	B1-U0-G1	B1-U0-G1	B1-U0-G1
ORX-2-WM-16L-40-50K7	B1-U0-G1	B1-U0-G1	B1-U0-G1	B1-U0-G1
ORX-2-WM-16L-40-50K8	B1-U0-G1	B1-U0-G1	B1-U0-G1	B1-U0-G1
ORX-2-WM-16L-53-27K7	B1-U0-G1	B1-U0-G1	B1-U0-G1	B2-U0-G1
ORX-2-WM-16L-53-27K8	B1-U0-G1	B1-U0-G1	B1-U0-G1	B2-U0-G1
ORX-2-WM-16L-53-30K7	B1-U0-G1	B1-U0-G1	B1-U0-G1	B2-U0-G1
ORX-2-WM-16L-53-30K8	B1-U0-G1	B1-U0-G1	B1-U0-G1	B2-U0-G1
ORX-2-WM-16L-53-35K8	B1-U0-G1	B1-U0-G1	B1-U0-G1	B2-U0-G1
ORX-2-WM-16L-53-40K7	B1-U0-G1	B1-U0-G1	B1-U0-G1	B2-U0-G1
ORX-2-WM-16L-53-40K8	B1-U0-G1	B1-U0-G1	B1-U0-G1	B2-U0-G1
ORX-2-WM-16L-53-50K7	B1-U0-G1	B1-U0-G1	B1-U0-G1	B2-U0-G1
ORX-2-WM-16L-53-50K8	B1-U0-G1	B1-U0-G1	B1-U0-G1	B2-U0-G1
ORX-2-WM-16L-7-27K7	B1-U0-G1	B1-U0-G1	B1-U0-G1	B2-U0-G1
ORX-2-WM-16L-7-27K8	B1-U0-G1	B1-U0-G1	B1-U0-G1	B2-U0-G1
ORX-2-WM-16L-7-30K7	B1-U0-G1	B1-U0-G1	B1-U0-G1	B2-U0-G1
ORX-2-WM-16L-7-30K8	B1-U0-G1	B1-U0-G1	B1-U0-G1	B2-U0-G1
ORX-2-WM-16L-7-35K8	B1-U0-G1	B1-U0-G1	B1-U0-G1	B2-U0-G1
ORX-2-WM-16L-7-40K7	B1-U0-G1	B1-U0-G1	B1-U0-G1	B2-U0-G1
ORX-2-WM-16L-7-40K8	B1-U0-G1	B1-U0-G1	B1-U0-G1	B2-U0-G1
ORX-2-WM-16L-7-50K7	B1-U0-G1	B1-U0-G1	B1-U0-G1	B2-U0-G1
ORX-2-WM-16L-7-50K8	B1-U0-G1	B1-U0-G1	B1-U0-G1	B2-U0-G1
ORX-2-WM-16L-1-27K7	B1-U0-G1	B1-U0-G1	B1-U0-G1	B3-U0-G1
ORX-2-WM-16L-1-27K8	B1-U0-G1	B1-U0-G1	B1-U0-G1	B3-U0-G1
ORX-2-WM-16L-1-30K7	B1-U0-G1	B1-U0-G1	B1-U0-G1	B3-U0-G1
ORX-2-WM-16L-1-30K8	B1-U0-G1	B1-U0-G1	B1-U0-G1	B3-U0-G1
ORX-2-WM-16L-1-35K8	B1-U0-G1	B1-U0-G1	B1-U0-G1	B3-U0-G1
ORX-2-WM-16L-1-40K7	B1-U0-G1	B1-U0-G1	B1-U0-G1	B3-U0-G1
ORX-2-WM-16L-1-40K8	B1-U0-G1	B1-U0-G1	B1-U0-G1	B3-U0-G1
ORX-2-WM-16L-1-50K7	B1-U0-G1	B1-U0-G1	B1-U0-G1	B3-U0-G1
ORX-2-WM-16L-1-50K8	B1-U0-G1	B1-U0-G1	B1-U0-G1	B3-U0-G1

LUMEN CHART - PERFORMANCE SILICONE MICRO OPTICS			
PART NUMBER	T4FTW	T5W	T5W CTG
ORX-2-WM-16L-40-27K7	B1-U0-G2	B2-U0-G1	B2-U0-G1
ORX-2-WM-16L-40-27K8	B1-U0-G2	B2-U0-G1	B2-U0-G1
ORX-2-WM-16L-40-30K7	B1-U0-G2	B2-U0-G1	B2-U0-G1
ORX-2-WM-16L-40-30K8	B1-U0-G2	B2-U0-G1	B2-U0-G1
ORX-2-WM-16L-40-35K8	B1-U0-G2	B2-U0-G1	B2-U0-G1
ORX-2-WM-16L-40-40K7	B1-U0-G2	B2-U0-G1	B2-U0-G1
ORX-2-WM-16L-40-40K8	B1-U0-G2	B2-U0-G1	B2-U0-G1
ORX-2-WM-16L-40-50K7	B1-U0-G2	B2-U0-G1	B2-U0-G1
ORX-2-WM-16L-40-50K8	B1-U0-G2	B2-U0-G1	B2-U0-G1
ORX-2-WM-16L-53-27K7	B1-U0-G2	B2-U0-G1	B2-U0-G1
ORX-2-WM-16L-53-27K8	B1-U0-G2	B2-U0-G1	B2-U0-G1
ORX-2-WM-16L-53-30K7	B1-U0-G2	B2-U0-G1	B2-U0-G1
ORX-2-WM-16L-53-30K8	B1-U0-G2	B2-U0-G1	B2-U0-G1
ORX-2-WM-16L-53-35K8	B1-U0-G2	B2-U0-G1	B2-U0-G1
ORX-2-WM-16L-53-40K7	B1-U0-G2	B3-U0-G1	B2-U0-G1
ORX-2-WM-16L-53-40K8	B1-U0-G2	B3-U0-G1	B2-U0-G1
ORX-2-WM-16L-53-50K7	B1-U0-G2	B3-U0-G1	B2-U0-G1
ORX-2-WM-16L-53-50K8	B1-U0-G2	B3-U0-G1	B2-U0-G1
ORX-2-WM-16L-7-27K7	B1-U0-G2	B3-U0-G2	B2-U0-G1
ORX-2-WM-16L-7-27K8	B1-U0-G2	B3-U0-G2	B2-U0-G1
ORX-2-WM-16L-7-30K7	B1-U0-G2	B3-U0-G2	B3-U0-G1
ORX-2-WM-16L-7-30K8	B1-U0-G2	B3-U0-G2	B3-U0-G1
ORX-2-WM-16L-7-35K8	B1-U0-G2	B3-U0-G2	B3-U0-G1
ORX-2-WM-16L-7-40K7	B1-U0-G2	B3-U0-G2	B3-U0-G2
ORX-2-WM-16L-7-40K8	B1-U0-G2	B3-U0-G2	B3-U0-G2
ORX-2-WM-16L-7-50K7	B1-U0-G2	B3-U0-G2	B3-U0-G2
ORX-2-WM-16L-7-50K8	B1-U0-G2	B3-U0-G2	B3-U0-G2
ORX-2-WM-16L-1-27K7	B1-U0-G3	B3-U0-G2	B3-U0-G2
ORX-2-WM-16L-1-27K8	B1-U0-G3	B3-U0-G2	B3-U0-G2
ORX-2-WM-16L-1-30K7	B1-U0-G3	B3-U0-G2	B3-U0-G2
ORX-2-WM-16L-1-30K8	B1-U0-G3	B3-U0-G2	B3-U0-G2
ORX-2-WM-16L-1-35K8	B1-U0-G3	B3-U0-G2	B3-U0-G2
ORX-2-WM-16L-1-40K7	B1-U0-G3	B3-U0-G2	B3-U0-G2
ORX-2-WM-16L-1-40K8	B1-U0-G3	B3-U0-G2	B3-U0-G2
ORX-2-WM-16L-1-50K7	B1-U0-G3	B3-U0-G2	B3-U0-G2
ORX-2-WM-16L-1-50K8	B1-U0-G3	B3-U0-G2	B3-U0-G2

PRODUCT SPECIFICATIONS

ORX-2-WM-32L

BUG RATING CHART - STANDARD SILICONE MICRO OPTICS				
PART NUMBER	T2	T3	T4	T5
ORX-2-WM-32L-35-27K7	B1-U0-G1	B1-U0-G1	B1-U0-G1	B2-U0-G1
ORX-2-WM-32L-35-27K8	B1-U0-G1	B1-U0-G1	B1-U0-G1	B2-U0-G1
ORX-2-WM-32L-35-30K7	B1-U0-G1	B1-U0-G1	B1-U0-G1	B2-U0-G1
ORX-2-WM-32L-35-30K8	B1-U0-G1	B1-U0-G1	B1-U0-G1	B2-U0-G1
ORX-2-WM-32L-35-35K8	B1-U0-G1	B1-U0-G1	B1-U0-G1	B2-U0-G1
ORX-2-WM-32L-35-40K7	B1-U0-G1	B1-U0-G1	B1-U0-G1	B2-U0-G1
ORX-2-WM-32L-35-40K8	B1-U0-G1	B1-U0-G1	B1-U0-G1	B2-U0-G1
ORX-2-WM-32L-35-50K7	B1-U0-G1	B1-U0-G1	B1-U0-G1	B2-U0-G1
ORX-2-WM-32L-35-50K8	B1-U0-G1	B1-U0-G1	B1-U0-G1	B2-U0-G1
ORX-2-WM-32L-53-27K7	B1-U0-G1	B1-U0-G1	B1-U0-G1	B3-U0-G1
ORX-2-WM-32L-53-27K8	B1-U0-G1	B1-U0-G1	B1-U0-G1	B3-U0-G1
ORX-2-WM-32L-53-30K7	B1-U0-G1	B1-U0-G1	B1-U0-G1	B3-U0-G1
ORX-2-WM-32L-53-30K8	B1-U0-G1	B1-U0-G1	B1-U0-G1	B3-U0-G1
ORX-2-WM-32L-53-35K8	B1-U0-G1	B1-U0-G1	B1-U0-G1	B3-U0-G1
ORX-2-WM-32L-53-40K7	B1-U0-G1	B1-U0-G1	B1-U0-G1	B3-U0-G1
ORX-2-WM-32L-53-40K8	B1-U0-G1	B1-U0-G1	B1-U0-G1	B3-U0-G1
ORX-2-WM-32L-53-50K7	B1-U0-G1	B1-U0-G1	B1-U0-G1	B3-U0-G1
ORX-2-WM-32L-53-50K8	B1-U0-G1	B1-U0-G1	B1-U0-G1	B3-U0-G1
ORX-2-WM-32L-7-27K7	B1-U0-G1	B2-U0-G2	B2-U0-G2	B3-U0-G1
ORX-2-WM-32L-7-27K8	B1-U0-G1	B2-U0-G2	B1-U0-G2	B3-U0-G1
ORX-2-WM-32L-7-30K7	B1-U0-G1	B2-U0-G2	B2-U0-G2	B3-U0-G1
ORX-2-WM-32L-7-30K8	B1-U0-G1	B2-U0-G2	B2-U0-G2	B3-U0-G1
ORX-2-WM-32L-7-35K8	B1-U0-G1	B2-U0-G2	B2-U0-G2	B3-U0-G1
ORX-2-WM-32L-7-40K7	B2-U0-G2	B2-U0-G2	B2-U0-G2	B3-U0-G2
ORX-2-WM-32L-7-40K8	B1-U0-G1	B2-U0-G2	B2-U0-G2	B3-U0-G1
ORX-2-WM-32L-7-50K7	B2-U0-G2	B2-U0-G2	B2-U0-G2	B3-U0-G2
ORX-2-WM-32L-7-50K8	B1-U0-G1	B2-U0-G2	B2-U0-G2	B3-U0-G1
ORX-2-WM-32L-1-27K7	B2-U0-G2	B2-U0-G2	B2-U0-G2	B4-U0-G2
ORX-2-WM-32L-1-27K8	B2-U0-G2	B2-U0-G2	B2-U0-G2	B4-U0-G2
ORX-2-WM-32L-1-30K7	B2-U0-G2	B2-U0-G2	B2-U0-G2	B4-U0-G2
ORX-2-WM-32L-1-30K8	B2-U0-G2	B2-U0-G2	B2-U0-G2	B4-U0-G2
ORX-2-WM-32L-1-35K8	B2-U0-G2	B2-U0-G2	B2-U0-G2	B4-U0-G2
ORX-2-WM-32L-1-40K7	B2-U0-G2	B2-U0-G2	B2-U0-G2	B4-U0-G2
ORX-2-WM-32L-1-40K8	B2-U0-G2	B2-U0-G2	B2-U0-G2	B4-U0-G2
ORX-2-WM-32L-1-50K7	B2-U0-G2	B2-U0-G2	B2-U0-G2	B4-U0-G2
ORX-2-WM-32L-1-50K8	B2-U0-G2	B2-U0-G2	B2-U0-G2	B4-U0-G2
ORX-2-WM-32L-12-27K7	B2-U0-G2	B2-U0-G2	B2-U0-G2	B4-U0-G2
ORX-2-WM-32L-12-27K8	B2-U0-G2	B2-U0-G2	B2-U0-G2	B4-U0-G2
ORX-2-WM-32L-12-30K7	B2-U0-G2	B2-U0-G2	B2-U0-G2	B4-U0-G2
ORX-2-WM-32L-12-30K8	B2-U0-G2	B2-U0-G2	B2-U0-G2	B4-U0-G2
ORX-2-WM-32L-12-35K8	B2-U0-G2	B2-U0-G2	B2-U0-G2	B4-U0-G2
ORX-2-WM-32L-12-40K7	B2-U0-G2	B2-U0-G2	B2-U0-G2	B4-U0-G2
ORX-2-WM-32L-12-40K8	B2-U0-G2	B2-U0-G2	B2-U0-G2	B4-U0-G2
ORX-2-WM-32L-12-50K7	B2-U0-G2	B2-U0-G2	B2-U0-G2	B4-U0-G2
ORX-2-WM-32L-12-50K8	B2-U0-G2	B2-U0-G2	B2-U0-G2	B4-U0-G2
ORX-2-WM-32L-14-27K7	B2-U0-G2	B2-U0-G2	B2-U0-G2	B4-U0-G2
ORX-2-WM-32L-14-27K8	B2-U0-G2	B2-U0-G2	B2-U0-G2	B4-U0-G2
ORX-2-WM-32L-14-30K7	B2-U0-G2	B2-U0-G2	B2-U0-G2	B4-U0-G2
ORX-2-WM-32L-14-30K8	B2-U0-G2	B2-U0-G2	B2-U0-G2	B4-U0-G2
ORX-2-WM-32L-14-35K8	B2-U0-G2	B2-U0-G2	B2-U0-G2	B4-U0-G2
ORX-2-WM-32L-14-40K7	B2-U0-G2	B2-U0-G2	B2-U0-G2	B4-U0-G2
ORX-2-WM-32L-14-40K8	B2-U0-G2	B2-U0-G2	B2-U0-G2	B4-U0-G2
ORX-2-WM-32L-14-50K7	B2-U0-G2	B2-U0-G2	B2-U0-G2	B4-U0-G2
ORX-2-WM-32L-14-50K8	B2-U0-G2	B2-U0-G2	B2-U0-G2	B4-U0-G2

BUG RATING CHART - PERFORMANCE SILICONE MICRO OPTICS			
PART NUMBER	T4FTW	T5W	T5W CTG
ORX-2-WM-32L-35-27K7	B1-U0-G2	B3-U0-G2	B2-U0-G1
ORX-2-WM-32L-35-27K8	B1-U0-G2	B3-U0-G2	B2-U0-G1
ORX-2-WM-32L-35-30K7	B1-U0-G2	B3-U0-G2	B2-U0-G1
ORX-2-WM-32L-35-30K8	B1-U0-G2	B3-U0-G2	B2-U0-G1
ORX-2-WM-32L-35-35K8	B1-U0-G2	B3-U0-G2	B2-U0-G1
ORX-2-WM-32L-35-40K7	B1-U0-G2	B3-U0-G2	B3-U0-G1
ORX-2-WM-32L-35-40K8	B1-U0-G2	B3-U0-G2	B3-U0-G1
ORX-2-WM-32L-35-50K7	B1-U0-G2	B3-U0-G2	B3-U0-G1
ORX-2-WM-32L-35-50K8	B1-U0-G2	B3-U0-G2	B3-U0-G1
ORX-2-WM-32L-53-27K7	B1-U0-G2	B3-U0-G2	B3-U0-G2
ORX-2-WM-32L-53-27K8	B1-U0-G2	B3-U0-G2	B3-U0-G2
ORX-2-WM-32L-53-30K7	B1-U0-G2	B3-U0-G2	B3-U0-G2
ORX-2-WM-32L-53-30K8	B1-U0-G2	B3-U0-G2	B3-U0-G2
ORX-2-WM-32L-53-35K8	B1-U0-G2	B3-U0-G2	B3-U0-G2
ORX-2-WM-32L-53-40K7	B1-U0-G3	B3-U0-G2	B3-U0-G2
ORX-2-WM-32L-53-40K8	B1-U0-G3	B3-U0-G2	B3-U0-G2
ORX-2-WM-32L-53-50K7	B1-U0-G3	B3-U0-G2	B3-U0-G2
ORX-2-WM-32L-53-50K8	B1-U0-G3	B3-U0-G2	B3-U0-G2
ORX-2-WM-32L-7-27K7	B1-U0-G3	B3-U0-G2	B3-U0-G2
ORX-2-WM-32L-7-27K8	B1-U0-G3	B3-U0-G2	B3-U0-G2
ORX-2-WM-32L-7-30K7	B1-U0-G3	B3-U0-G2	B3-U0-G2
ORX-2-WM-32L-7-30K8	B1-U0-G3	B3-U0-G2	B3-U0-G2
ORX-2-WM-32L-7-35K8	B1-U0-G3	B3-U0-G2	B3-U0-G2
ORX-2-WM-32L-7-40K7	B2-U0-G3	B4-U0-G3	B3-U0-G2
ORX-2-WM-32L-7-40K8	B2-U0-G3	B4-U0-G3	B3-U0-G2
ORX-2-WM-32L-7-50K7	B2-U0-G3	B4-U0-G3	B3-U0-G2
ORX-2-WM-32L-7-50K8	B2-U0-G3	B4-U0-G3	B3-U0-G2
ORX-2-WM-32L-1-27K7	B2-U0-G3	B4-U0-G3	B3-U0-G3
ORX-2-WM-32L-1-27K8	B2-U0-G3	B4-U0-G3	B3-U0-G3
ORX-2-WM-32L-1-30K7	B2-U0-G3	B4-U0-G3	B4-U0-G3
ORX-2-WM-32L-1-30K8	B2-U0-G3	B4-U0-G3	B4-U0-G3
ORX-2-WM-32L-1-35K8	B2-U0-G3	B4-U0-G3	B4-U0-G3
ORX-2-WM-32L-1-40K7	B2-U0-G3	B4-U0-G3	B4-U0-G3
ORX-2-WM-32L-1-40K8	B2-U0-G3	B4-U0-G3	B4-U0-G3
ORX-2-WM-32L-1-50K7	B2-U0-G3	B4-U0-G3	B4-U0-G3
ORX-2-WM-32L-1-50K8	B2-U0-G3	B4-U0-G3	B4-U0-G3
ORX-2-WM-32L-12-27K7	B2-U0-G3	B4-U0-G3	NA
ORX-2-WM-32L-12-27K8	B2-U0-G3	B4-U0-G3	NA
ORX-2-WM-32L-12-30K7	B2-U0-G3	B4-U0-G3	NA
ORX-2-WM-32L-12-30K8	B2-U0-G3	B4-U0-G3	NA
ORX-2-WM-32L-12-35K8	B2-U0-G3	B4-U0-G3	NA
ORX-2-WM-32L-12-40K7	B2-U0-G4	B4-U0-G3	NA
ORX-2-WM-32L-12-40K8	B2-U0-G4	B4-U0-G3	NA
ORX-2-WM-32L-12-50K7	B2-U0-G4	B4-U0-G3	NA
ORX-2-WM-32L-12-50K8	B2-U0-G4	B4-U0-G3	NA
ORX-2-WM-32L-14-27K7	B2-U0-G3	B4-U0-G3	NA
ORX-2-WM-32L-14-27K8	B2-U0-G3	B4-U0-G3	NA
ORX-2-WM-32L-14-30K7	B2-U0-G4	B4-U0-G3	NA
ORX-2-WM-32L-14-30K8	B2-U0-G4	B4-U0-G3	NA
ORX-2-WM-32L-14-35K8	B2-U0-G4	B4-U0-G3	NA
ORX-2-WM-32L-14-40K7	B2-U0-G4	B4-U0-G3	NA
ORX-2-WM-32L-14-40K8	B2-U0-G4	B4-U0-G3	NA
ORX-2-WM-32L-14-50K7	B2-U0-G4	B4-U0-G3	NA
ORX-2-WM-32L-14-50K8	B2-U0-G4	B4-U0-G3	NA



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PRODUCT SPECIFICATIONS

ORX-2-WM-64L

BUG RATING CHART - STANDARD SILICONE MICRO OPTICS				
PART NUMBER	T2	T3	T4	T5
ORX-2-WM-64L-35-27K7	B1-U0-G1	B2-U0-G2	B2-U0-G2	B3-U0-G1
ORX-2-WM-64L-35-27K8	B1-U0-G1	B2-U0-G2	B1-U0-G2	B3-U0-G1
ORX-2-WM-64L-35-30K7	B1-U0-G1	B2-U0-G2	B2-U0-G2	B3-U0-G1
ORX-2-WM-64L-35-30K8	B1-U0-G1	B2-U0-G2	B2-U0-G2	B3-U0-G1
ORX-2-WM-64L-35-35K8	B1-U0-G1	B2-U0-G2	B2-U0-G2	B3-U0-G1
ORX-2-WM-64L-35-40K7	B2-U0-G2	B2-U0-G2	B2-U0-G2	B3-U0-G2
ORX-2-WM-64L-35-40K8	B1-U0-G1	B2-U0-G2	B2-U0-G2	B3-U0-G1
ORX-2-WM-64L-35-50K7	B2-U0-G2	B2-U0-G2	B2-U0-G2	B3-U0-G2
ORX-2-WM-64L-35-50K8	B1-U0-G1	B2-U0-G2	B2-U0-G2	B3-U0-G1
ORX-2-WM-64L-53-27K7	B2-U0-G2	B2-U0-G2	B2-U0-G2	B4-U0-G2
ORX-2-WM-64L-53-27K8	B2-U0-G2	B2-U0-G2	B2-U0-G2	B4-U0-G2
ORX-2-WM-64L-53-30K7	B2-U0-G2	B2-U0-G2	B2-U0-G2	B4-U0-G2
ORX-2-WM-64L-53-30K8	B2-U0-G2	B2-U0-G2	B2-U0-G2	B4-U0-G2
ORX-2-WM-64L-53-35K8	B2-U0-G2	B2-U0-G2	B2-U0-G2	B4-U0-G2
ORX-2-WM-64L-53-40K7	B2-U0-G2	B2-U0-G2	B2-U0-G2	B4-U0-G2
ORX-2-WM-64L-53-40K8	B2-U0-G2	B2-U0-G2	B2-U0-G2	B4-U0-G2
ORX-2-WM-64L-53-50K7	B2-U0-G2	B2-U0-G2	B2-U0-G2	B4-U0-G2
ORX-2-WM-64L-53-50K8	B2-U0-G2	B2-U0-G2	B2-U0-G2	B4-U0-G2
ORX-2-WM-64L-7-27K7	B2-U0-G2	B3-U0-G3	B3-U0-G3	B4-U0-G2
ORX-2-WM-64L-7-27K8	B2-U0-G2	B3-U0-G3	B2-U0-G2	B4-U0-G2
ORX-2-WM-64L-7-30K7	B2-U0-G2	B3-U0-G3	B3-U0-G3	B4-U0-G2
ORX-2-WM-64L-7-30K8	B2-U0-G2	B3-U0-G3	B3-U0-G3	B4-U0-G2
ORX-2-WM-64L-7-35K8	B2-U0-G2	B3-U0-G3	B3-U0-G3	B4-U0-G2
ORX-2-WM-64L-7-40K7	B3-U0-G3	B3-U0-G3	B3-U0-G3	B4-U0-G2
ORX-2-WM-64L-7-40K8	B2-U0-G2	B3-U0-G3	B3-U0-G3	B4-U0-G2
ORX-2-WM-64L-7-50K7	B3-U0-G3	B3-U0-G3	B3-U0-G3	B4-U0-G2
ORX-2-WM-64L-7-50K8	B2-U0-G2	B3-U0-G3	B3-U0-G3	B4-U0-G2
ORX-2-WM-64L-1A-27K7	B3-U0-G3	B3-U0-G3	B3-U0-G3	B4-U0-G2
ORX-2-WM-64L-1A-27K8	B3-U0-G3	B3-U0-G3	B3-U0-G3	B4-U0-G2
ORX-2-WM-64L-1A-30K7	B3-U0-G3	B3-U0-G3	B3-U0-G3	B4-U0-G2
ORX-2-WM-64L-1A-30K8	B3-U0-G3	B3-U0-G3	B3-U0-G3	B4-U0-G2
ORX-2-WM-64L-1A-35K8	B3-U0-G3	B3-U0-G3	B3-U0-G3	B4-U0-G2
ORX-2-WM-64L-1A-40K7	B3-U0-G3	B3-U0-G3	B3-U0-G3	B4-U0-G2
ORX-2-WM-64L-1A-40K8	B3-U0-G3	B3-U0-G3	B3-U0-G3	B4-U0-G2
ORX-2-WM-64L-1A-50K7	B3-U0-G3	B3-U0-G3	B3-U0-G3	B4-U0-G2
ORX-2-WM-64L-1A-50K8	B3-U0-G3	B3-U0-G3	B3-U0-G3	B4-U0-G2

BUG RATING CHART - PERFORMANCE SILICONE MICRO OPTICS			
PART NUMBER	T4FTW	T5W	T5W CTG
ORX-2-WM-64L-35-27K7	B2-U0-G2	B3-U0-G2	B3-U0-G2
ORX-2-WM-64L-35-27K8	B2-U0-G2	B3-U0-G2	B3-U0-G2
ORX-2-WM-64L-35-30K7	B2-U0-G2	B4-U0-G2	B3-U0-G2
ORX-2-WM-64L-35-30K8	B2-U0-G2	B4-U0-G2	B3-U0-G2
ORX-2-WM-64L-35-35K8	B2-U0-G2	B4-U0-G2	B3-U0-G2
ORX-2-WM-64L-35-40K7	B2-U0-G2	B4-U0-G2	B3-U0-G2
ORX-2-WM-64L-35-40K8	B2-U0-G2	B4-U0-G2	B3-U0-G2
ORX-2-WM-64L-35-50K7	B2-U0-G2	B4-U0-G2	B3-U0-G2
ORX-2-WM-64L-35-50K8	B2-U0-G2	B4-U0-G2	B3-U0-G2
ORX-2-WM-64L-53-27K7	B2-U0-G3	B4-U0-G3	B4-U0-G2
ORX-2-WM-64L-53-27K8	B2-U0-G3	B4-U0-G3	B4-U0-G2
ORX-2-WM-64L-53-30K7	B2-U0-G3	B4-U0-G3	B4-U0-G2
ORX-2-WM-64L-53-30K8	B2-U0-G3	B4-U0-G3	B4-U0-G2
ORX-2-WM-64L-53-35K8	B2-U0-G3	B4-U0-G3	B4-U0-G2
ORX-2-WM-64L-53-40K7	B2-U0-G3	B4-U0-G3	B4-U0-G3
ORX-2-WM-64L-53-40K8	B2-U0-G3	B4-U0-G3	B4-U0-G3
ORX-2-WM-64L-53-50K7	B2-U0-G3	B4-U0-G3	B4-U0-G3
ORX-2-WM-64L-53-50K8	B2-U0-G3	B4-U0-G3	B4-U0-G3
ORX-2-WM-64L-7-27K7	B2-U0-G3	B4-U0-G3	B4-U0-G2
ORX-2-WM-64L-7-27K8	B2-U0-G3	B4-U0-G3	B4-U0-G2
ORX-2-WM-64L-7-30K7	B2-U0-G3	B5-U0-G3	B4-U0-G2
ORX-2-WM-64L-7-30K8	B2-U0-G3	B5-U0-G3	B4-U0-G2
ORX-2-WM-64L-7-35K8	B2-U0-G3	B5-U0-G3	B4-U0-G2
ORX-2-WM-64L-7-40K7	B3-U0-G3	B5-U0-G3	B4-U0-G2
ORX-2-WM-64L-7-40K8	B3-U0-G3	B5-U0-G3	B4-U0-G2
ORX-2-WM-64L-7-50K7	B3-U0-G3	B5-U0-G3	B4-U0-G2
ORX-2-WM-64L-7-50K8	B3-U0-G3	B5-U0-G3	B4-U0-G2
ORX-2-WM-64L-1A-27K7	B3-U0-G3	B5-U0-G3	NA
ORX-2-WM-64L-1A-27K8	B3-U0-G3	B5-U0-G3	NA
ORX-2-WM-64L-1A-30K7	B3-U0-G4	B5-U0-G3	NA
ORX-2-WM-64L-1A-30K8	B3-U0-G4	B5-U0-G3	NA
ORX-2-WM-64L-1A-35K8	B3-U0-G4	B5-U0-G3	NA
ORX-2-WM-64L-1A-40K7	B3-U0-G4	B5-U0-G3	NA
ORX-2-WM-64L-1A-40K8	B3-U0-G4	B5-U0-G3	NA
ORX-2-WM-64L-1A-50K7	B3-U0-G4	B5-U0-G3	NA
ORX-2-WM-64L-1A-50K8	B3-U0-G4	B5-U0-G3	NA



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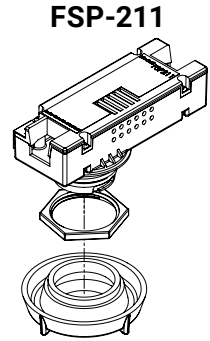
PRODUCT SPECIFICATIONS

CONTROL OPTIONS

- DIMMING CONTROL (FSP)—Passive infrared (PIR) sensor providing multi-level control based on motion/daylight contribution
- All control parameters adjustable via wireless configuration remote storing and transmitting sensor profiles.
- FSP-8 mounting heights 8 feet and below
- FSP-20 mounting heights 9-20 feet.
- FSP-40 mounting heights 21-40 feet.
- Includes 5 dimming event cycles, 0-10V dimming with motion sensing, re-programmable in the field.

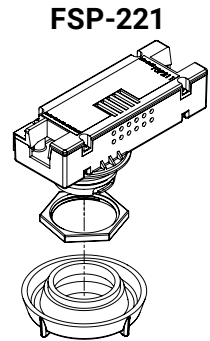
FSP-211 WITH MOTION SENSOR (FSP-XX)

- FSP-211(FSP-X)—Passive infrared (PIR) sensor providing multi-level control based on motion/daylight contribution.
- 120/277VAC, 230-240VAC
- All control parameters adjustable via wireless configuration remote storing and transmitting sensor profiles.
- FSP-8 mounting heights 8 feet and below
- FSP-20 mounting heights 9-20 feet.
- FSP-40 mounting heights 21-40 feet.
- Includes 5 dimming event cycles, 0-10V dimming with motion sensing, re-programmable in the field.

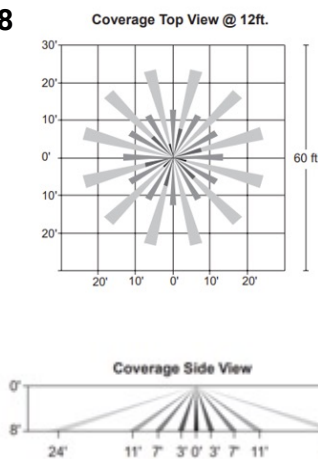


FSP-221 WITH MOTION SENSOR (FSP-HV-XX)

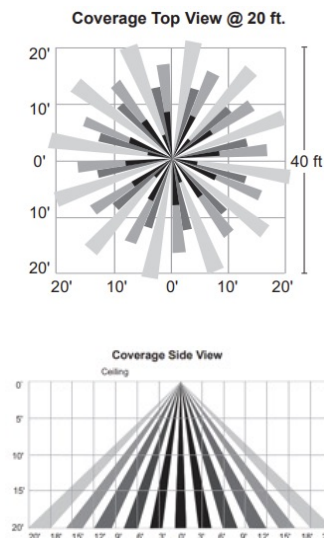
- FSP-221 (FSP-HV-X)—Passive infrared (PIR) sensor providing multi-level control based on motion/daylight contribution.
- 100-347VAC 208/230/480VAC
- All control parameters adjustable via wireless configuration remote storing and transmitting sensor profiles.
- FSP-8 mounting heights 8 feet and below
- FSP-20 mounting heights 9-20 feet.
- FSP-40 mounting heights 21-40 feet.
- Includes 5 dimming event cycles, 0-10V dimming with motion sensing, re-programmable in the field.



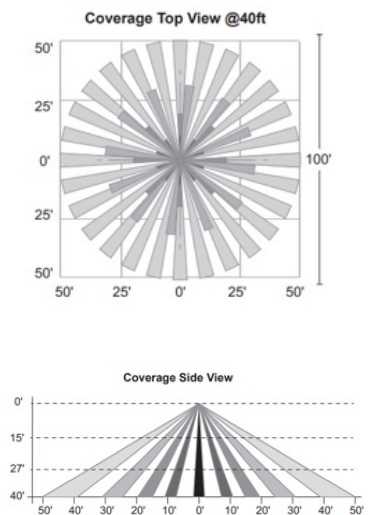
FSP-8



FSP-20



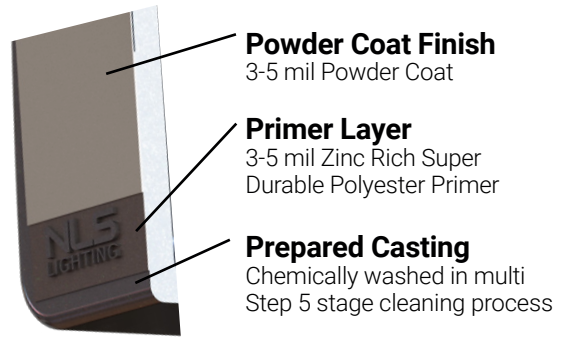
FSP-40



PRODUCT SPECIFICATIONS

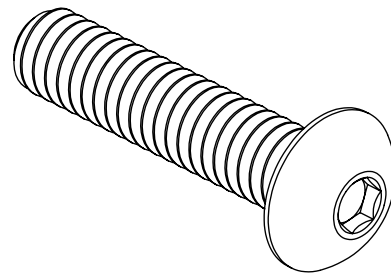
MARINE GRADE FINISH (MGF)

The (MGF) is a multi step process. Chemically washed in a 5 stage cleaning system. Pre-baked. Powder coated 3-5 mils of Zinc Rich Super Durable Polyester Primer. Oven Baked. Finished Powder Coating of Super Durable Polyester Powder Coat 3-5 mil thickness.



TAMPER PROOF HARDWARE

316 Stainless Steel Button Head Hex Drive Screws. Provided to protect the optical assembly and the driver compartment for vandal resistance.



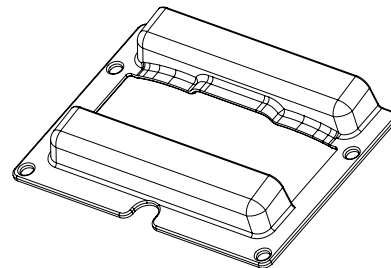
BLACK OPTIC FRAME

Optional Black Optic Frame (includes black hardware) Standard Optic Frame is white.



HOUSE SIDE SHIELD (HSS)

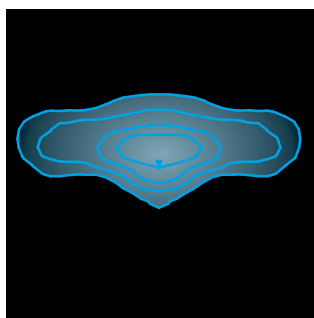
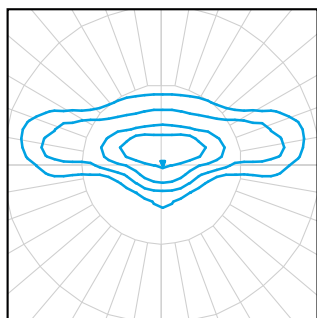
House Side Shield (**HSS**) is designed for stringent property line cutoff. Injection Molded Glass Filled Nylon, standard finish is black.



SENSOR SPECIFICATION

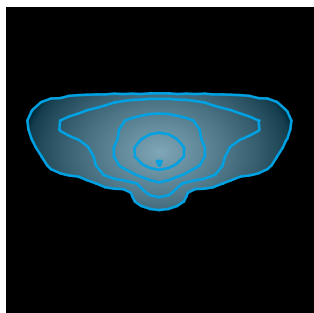
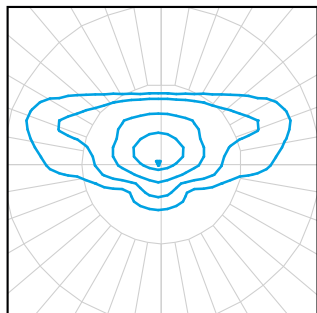


IES DISTRIBUTIONS



T2 OPTIC

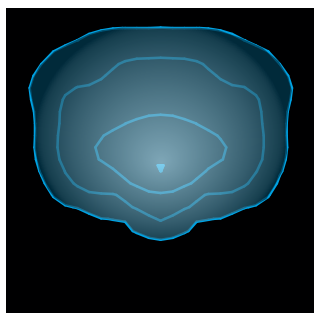
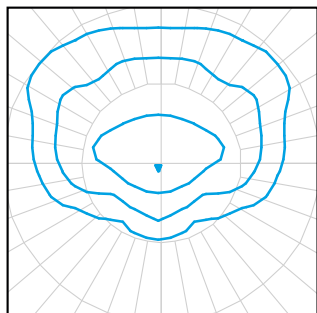
The Type II distribution is used for narrow pathways and trails, narrow entrances of shopping centers, parking lots and office complex's.



T3 OPTIC

The type III distribution is meant for roadway lighting, general parking areas and other areas where a larger area of lighting is required. Type III lighting needs to be placed to the side of the area, allowing the light to project outward and fill the area. This produces a filling light flow.

Type III light distributions have a preferred lateral width of 40 degrees. This distribution is intended for luminaires mounted at or near the side of medium width roadways or areas, where the width of the roadway or area does not exceed 2.75 times the mounting height.



T4 OPTIC

The type IV distribution produces a semicircular light meant for mounting on the sides of buildings and walls. It's best for illuminating the perimeter of parking areas and businesses. The intensity of the Type IV lighting has the same intensity at angles from 90 degrees to 270 degrees.

Type IV light distributions have a preferred lateral width of 60 degrees. This distribution is intended for side-of-road mounting and is generally used on wide roadways where the roadway width does not exceed 3.7 times the mounting height.

SILICONE OPTICS

NLS Lighting Silicone Micro Optical System technology takes quality and performance to the highest level. Vandal resistant, superior clarity—Micro Optics have become the best and lasting solution in the industry.

BENEFITS

- Produces superior 96% clarity
- Heat resistant to 150° C, 50% higher than acrylic
- Ecologically friendly—no glare
- Vandal-resistant
- Does not brittle, crack, or yellow over time

