

# ODEN LED Specifications



Project Name:

Catalog Number:

Type:

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

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

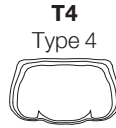
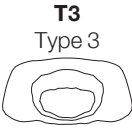
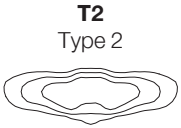
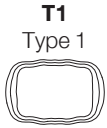
## Ordering Information

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



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## Photometric Optical Summary



**EPA Data**

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

## Dimensions

**Size 1**

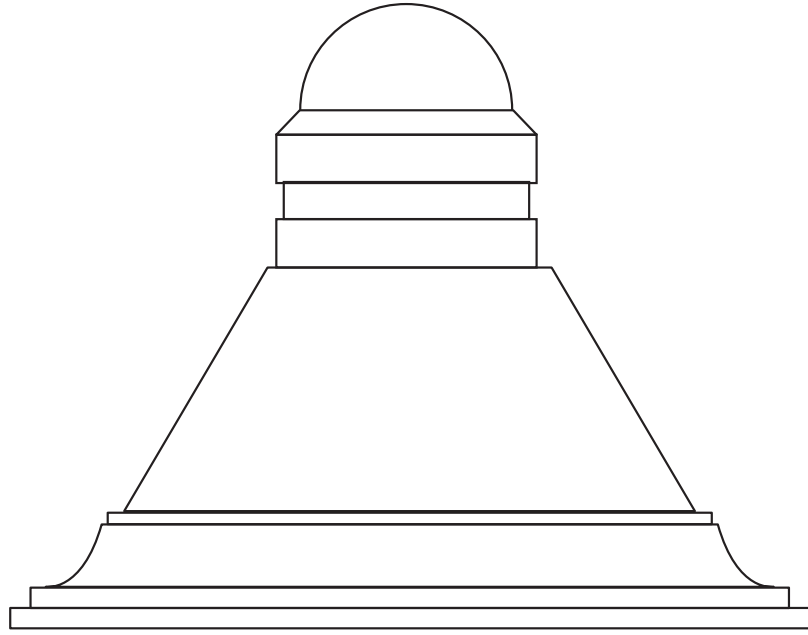
<b>Width:</b>	ODN-1 20"
<b>Height:</b>	ODN-1 19.5"
<b>Weight:</b>	40 LBS

**Size 2**

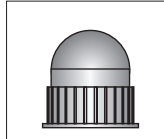
<b>Width:</b>	ODN-2 25"
<b>Height:</b>	ODN-2 22.5"
<b>Weight:</b>	53 LBS

**Size 3**

<b>Width:</b>	ODN-3 30"
<b>Height:</b>	ODN-3 24"
<b>Weight:</b>	74 LBS



CAP 1 (C1)



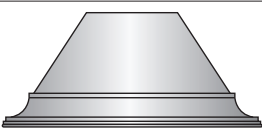
CAP 2 (C2)



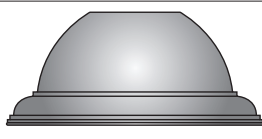
CAP 3 (C3)



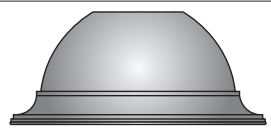
HOUSING 1 (H1)



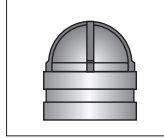
HOUSING 2 (H2)



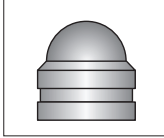
HOUSING 3 (H3)



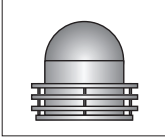
CAP 4 (C4)



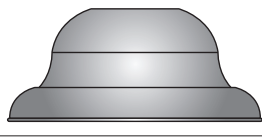
CAP 5 (C5)



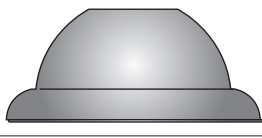
CAP 6 (C6)



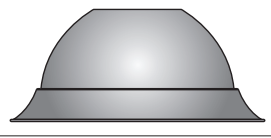
HOUSING 4 (H4)



HOUSING 5 (H5)



HOUSING 6 (H6)



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

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

# ODEN LED Specifications

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

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

# ODEN LED Specifications

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

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



# ODEN LED Specifications

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

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



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