

PROJECT NAME	
CATALOG NUMBER	
NOTES	
FIXTURE TYPE	

## Description

The OKT 6inch LED Commercial Downlight are suitable for 100~347 VAC Input with fired-rated junction box, which delivers high lumens of exceptional 80+ CRI, Lifetime > 50000H with 3000K,3500K, 4000K, 5000K ES color temperature options. They can replace most manufacturers incandescent, CFL or H.I.D. fixtures with apertures of 6.1" min.to 6.7" max diameter, Easy replacement and installation can be carried out without removing existing fixture.

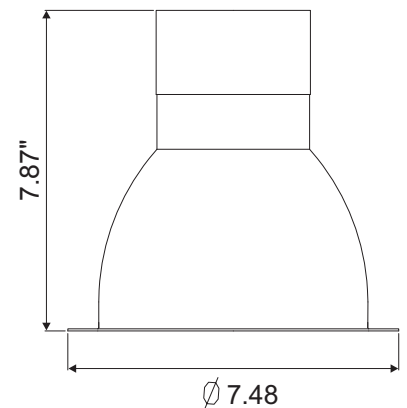
## PERFORMANCE SUMMARY

Model	CE6-18W-XXX-347	CE6-27W-XXX-347	CE6-40W-XXX-347
Efficacy	82 lm/w	82 lm/w	77 lm/w
Rated Power	18 W	27 W	40 W
Delivered light output	1476 lm	2214 lm	3080 lm
Input Voltage	100-347V AC		
CRI	Ra>80		
CCT Options	3000K, 3500K, 4000K, 5000K		
THD	<20%		
PF	>0.9		
Standard Warranty	5 Years		
Standard Lifetime	Designed minimum 50,000 hours		
Mounting	Recessed, Retrofit		
Recommended Dimmers	DIVA-DVTV(LUTRON), NOVA T NTSTV-DV(LUTRON)		
Signal Current	<2mA		
Driver Efficiency	>87%		
Temperature Rating	Designed to operate in temperature 45°C and below room side and plenum side.		
UL Listed	YES		
Energy Star Listed	YES		
LM79 Report	YES		
Damp Rated	YES		

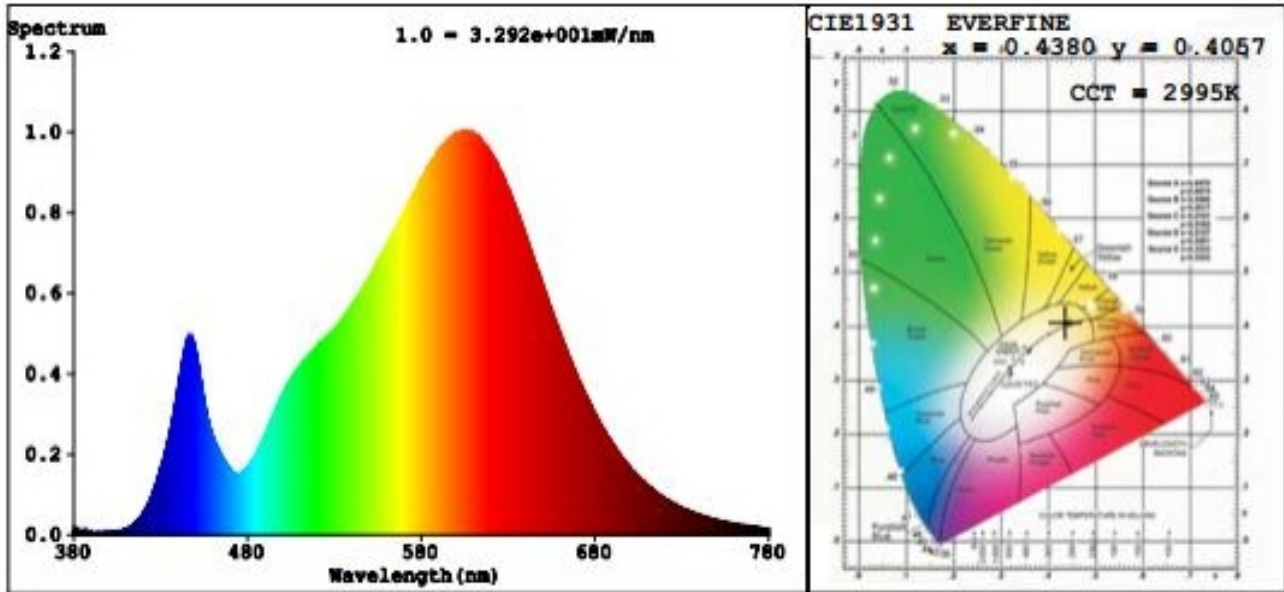
## 6inch Architectural LED Retrofit Downlight



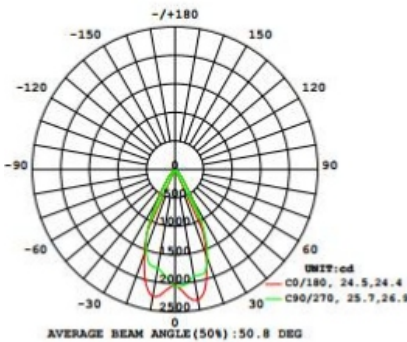
### Dimension:



**SPECTRAL POWER DISTRIBUTION & CHROMATICITY DIAGRAM**



**ZONAL LUMEN TABULATION**



Zonal Lumen Summary		
Zone	Lumens	%Luminaire
0-30	1,236.9	80.3%
0-40	1,447.1	94.1%
0-60	1,531.4	99.5%
60-90	7.1	0.5%
70-100	2.3	0.2%
90-120	0	0%
0-90	1,538.5	100%
90-180	0.1	0%
0-180	1,538.5	100%

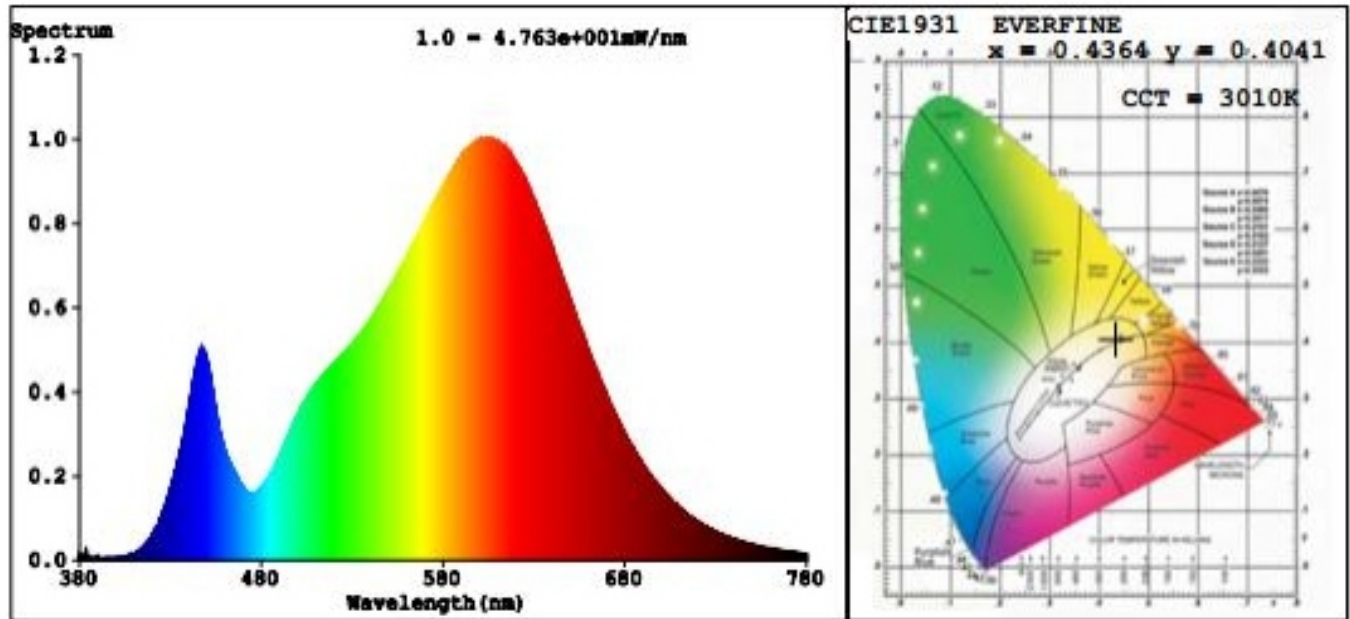
Lumens Per Zone					
Zone	Lumens	% Total	Zone	Lumens	% Total
0-10	199.1	12.9%	90-100	0	0%
10-20	531.8	34.6%	100-110	0	0%
20-30	505.0	32.8%	110-120	0.0	0%
30-40	284.5	22.8%	120-130	0.0	0%
40-50	211.1	13.7%	130-140	0.0	0%
50-60	70.8	4.6%	140-150	0.0	0%
60-70	13.5	0.9%	150-160	0.0	0%
70-80	4.8	0.3%	160-170	0.0	0%
80-90	0.4	0.0%	170-180	0.0	0%

UNIT: cd

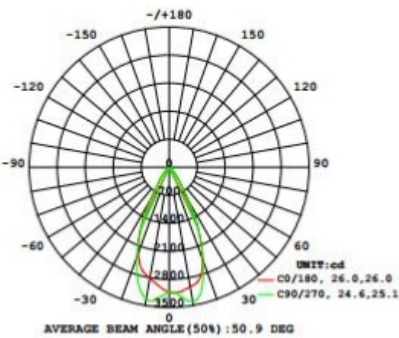
C (DEG)	0	23	45	68	90	113	135	158	180	203	225	248	270	293	315	338
0	2041	2041	2041	2041	2041	2041	2041	2041	2041	2041	2041	2041	2041	2041	2041	2041
5	2208	2231	2181	2084	2022	2049	2123	2167	2149	2098	2026	1946	1889	1911	2008	2118
10	2319	2390	2307	2084	1911	1997	2214	2290	2260	2107	2007	1886	1764	1796	2003	2156
15	2088	2144	2106	1994	1899	1943	2052	2072	2025	1917	1829	1761	1722	1750	1857	1977
20	1603	1619	1641	1659	1668	1660	1632	1597	1582	1545	1517	1496	1498	1517	1556	1600
25	1093	1115	1159	1212	1236	1226	1168	1105	1103	1083	1082	1095	1109	1114	1116	1109
30	653	660	655	655	645	649	644	644	670	640	588	552	545	553	579	626
35	321	329	325	312	305	309	319	324	329	316	303	297	299	300	302	312
40	183	186	185	184	185	187	187	187	193	189	184	183	184	185	185	187
45	82.1	84.2	84.4	85.3	86.6	87.7	86.4	85.0	88.4	87.6	86.5	85.6	86.3	86.8	86.1	85.3
50	29.0	29.7	30.3	30.7	31.6	32.2	31.5	31.1	32.7	32.3	31.6	31.1	31.3	31.3	30.3	29.7
55	12.5	12.9	13.1	13.4	14.0	14.3	13.8	13.4	13.7	13.5	13.3	13.2	13.5	13.7	13.3	12.8
60	7.11	7.27	7.43	7.57	7.99	8.18	7.88	7.56	7.55	7.39	7.27	7.29	7.50	7.67	7.48	7.23
65	4.35	4.42	4.53	4.66	4.89	4.99	4.82	4.66	4.65	4.56	4.46	4.49	4.63	4.74	4.64	4.47
70	2.75	2.78	2.88	2.95	3.08	3.16	3.07	2.98	2.98	2.91	2.85	2.87	2.96	3.02	2.96	2.85
75	1.70	1.71	1.76	1.80	1.88	1.93	1.90	1.85	1.86	1.82	1.78	1.78	1.81	1.85	1.84	1.77
80	0.93	0.94	0.95	0.94	0.98	1.02	1.04	1.02	1.03	1.00	0.95	0.90	0.89	0.92	0.96	0.97
85	0.29	0.29	0.24	0.17	0.15	0.21	0.30	0.36	0.37	0.33	0.23	0.13	0.09	0.14	0.23	0.30



**SPECTRAL POWER DISTRIBUTION & CHROMATICITY DIAGRAM**



**ZONAL LUMEN TABULATION**



Zonal Lumen Summary		
Zone	Lumens	%Luminaire
0-30	1,862.9	80.3%
0-40	2,182.9	94.1%
0-60	2,309.9	99.5%
60-90	10.8	0.5%
70-100	3.6	0.2%
90-120	0	0%
0-90	2,320.8	100%
90-180	0.1	0%
0-180	2,320.9	100%

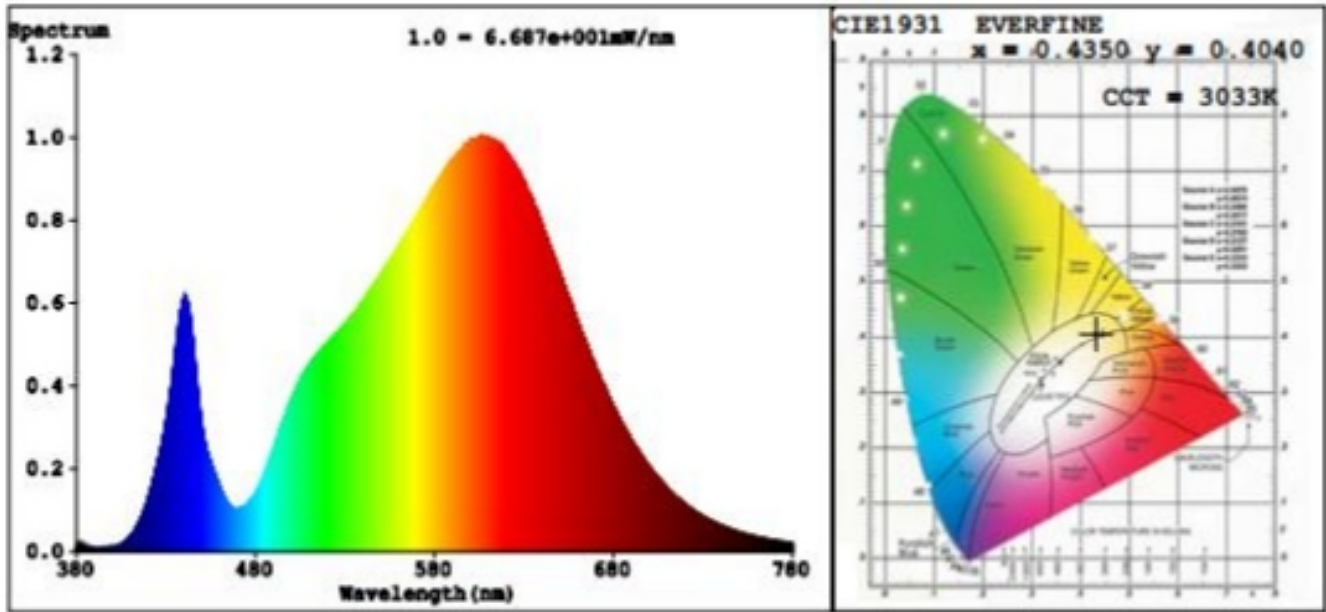
Lumens Per Zone					
Zone	Lumens	% Total	Zone	Lumens	% Total
0-10	301.7	13.0%	90-100	0	0%
10-20	800.6	34.5%	100-110	0	0%
20-30	760.6	32.8%	110-120	0.0	0%
30-40	320.0	13.8%	120-130	0.0	0%
40-50	106.3	4.6%	130-140	0.0	0%
50-60	20.7	0.9%	140-150	0.0	0%
60-70	7.3	0.3%	150-160	0.0	0%
70-80	3.0	0.1%	160-170	0.0	0%
80-90	0.6	0.0%	170-180	0.0	0%

UNIT: cd

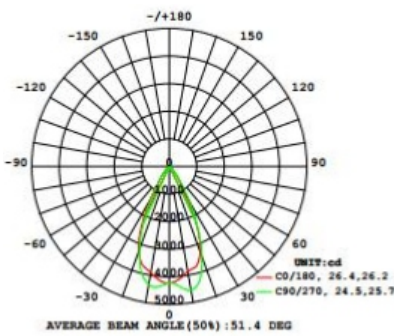
C (DEG)	0	23	45	68	90	113	135	158	180	203	225	248	270	293	315	338
0	3117	3117	3117	3117	3117	3117	3117	3117	3117	3117	3117	3117	3117	3117	3117	3117
5	3119	3055	3099	3187	3224	3194	3122	3031	2975	2969	3049	3176	3228	3352	3352	3273
10	3028	2886	3063	3341	3397	3296	3135	2976	2811	2771	2930	3166	3339	3477	3510	3395
15	2905	2832	2946	3127	3155	3032	2876	2748	2651	2630	2728	2879	3007	3110	3147	3077
20	2442	2468	2480	2479	2461	2425	2367	2301	2281	2278	2305	2358	2378	2377	2383	2408
25	1754	1807	1808	1757	1722	1712	1711	1704	1716	1703	1684	1665	1630	1614	1630	1684
30	874	901	928	956	1005	1034	1006	946	929	907	892	903	938	964	930	898
35	436	437	460	494	517	512	493	477	477	473	466	461	467	478	476	461
40	252	259	268	277	288	293	292	289	294	291	284	275	270	267	263	258
45	117	121	125	128	132	138	141	140	144	141	136	128	122	120	118	118
50	41.9	44.3	46.3	47.3	49.7	54.2	55.6	55.4	54.2	52.9	49.7	45.6	43.1	42.4	42.0	41.8
55	19.0	20.1	20.7	20.4	20.8	21.5	21.8	21.9	22.5	22.5	21.6	20.1	19.1	18.9	18.8	18.8
60	10.8	11.5	11.7	11.4	11.4	11.6	11.7	11.8	12.2	12.4	12.1	11.4	10.8	10.6	10.6	10.7
65	6.76	7.18	7.30	7.06	7.04	7.18	7.18	7.22	7.43	7.60	7.49	7.10	6.72	6.60	6.58	6.64
70	4.29	4.51	4.58	4.50	4.51	4.53	4.49	4.53	4.74	4.85	4.80	4.55	4.31	4.20	4.19	4.22
75	2.65	2.79	2.83	2.80	2.80	2.85	2.83	2.84	2.97	3.03	2.99	2.80	2.64	2.59	2.59	2.59
80	1.45	1.53	1.56	1.51	1.50	1.55	1.60	1.60	1.67	1.69	1.59	1.41	1.30	1.30	1.37	1.41
85	0.45	0.49	0.43	0.34	0.30	0.38	0.50	0.59	0.60	0.56	0.238	0.21	0.14	0.18	0.29	0.42



**SPECTRAL POWER DISTRIBUTION & CHROMATICITY DIAGRAM**



**ZONAL LUMEN TABULATION**



Zonal Lumen Summary		
Zone	Lumens	%Luminaire
0-30	2,550.5	79.7%
0-40	3,006.7	94%
0-60	3,184.6	99.5%
60-90	15.5	0.5%
70-100	5.1	0.2%
90-120	0	0%
0-90	3,200.2	100%
90-180	0.2	0%
0-180	3,200.3	100%

Lumens Per Zone					
Zone	Lumens	% Total	Zone	Lumens	% Total
0-10	406.1	12.7%	90-100	0	0%
10-20	1,088.4	34.0%	100-110	0	0%
20-30	1,056.0	33.0%	110-120	0	0%
30-40	456.2	14.3%	120-130	0.0	0%
40-50	148.4	4.6%	130-140	0.0	0%
50-60	29.5	0.9%	140-150	0.0	0%
60-70	10.4	0.3%	150-160	0.0	0%
70-80	4.3	0.1%	160-170	0.0	0%
80-90	0.8	0.0%	170-180	0.0	0%

UNIT: cd

C (DEG)		Y (DEG)															
		0	23	45	68	90	113	135	158	180	203	225	248	270	293	315	338
0	0	4222	4222	4222	4222	4222	4222	4222	4222	4222	4222	4222	4222	4222	4222	4222	4222
5	5	4094	4066	4169	4299	4362	4349	4285	4187	4137	4155	4242	4315	4366	4399	4372	4259
10	10	3867	3828	4159	4501	4549	4465	4381	4127	3909	3958	4213	4301	4338	4460	4516	4284
15	15	3749	3740	4008	4296	4276	4171	4103	3896	3720	3717	3870	3935	3961	4035	4100	3962
20	20	3293	3346	3416	3448	3465	3434	3351	3282	3250	3215	3197	3198	3206	3196	3182	3229
25	25	2382	2470	2500	2458	2442	2449	2448	2435	2422	2369	2320	2241	2162	2137	2185	2295
30	30	1245	1301	1332	1406	1492	1510	1447	1378	1370	1313	1249	1262	1313	1304	1249	1232
35	35	632	643	687	751	774	769	740	710	679	665	655	642	639	658	670	653
40	40	361	371	382	396	407	411	408	403	406	397	385	374	368	367	366	365
45	45	168	176	180	185	191	196	195	193	200	194	184	177	172	171	170	171
50	50	63.7	67.9	69.8	71.1	74.0	76.6	76.8	75.1	73.4	70.9	66.3	61.7	60.1	60.4	60.6	61.2
55	55	28.3	29.8	29.8	29.4	29.9	30.6	30.8	30.6	31.3	31.0	29.4	27.5	26.8	27.1	27.3	27.6
60	60	16.1	16.9	16.8	16.4	16.4	16.7	16.8	16.8	17.5	17.6	16.9	15.9	15.4	15.5	15.6	15.9
65	65	10.1	10.5	10.4	10.1	10.1	10.2	10.2	10.3	10.7	10.7	10.3	9.76	9.43	9.48	9.58	9.76
70	70	6.44	6.69	6.65	6.50	6.44	6.45	6.51	6.60	6.87	6.90	6.64	6.26	6.04	6.01	6.13	6.24
75	75	4.01	4.16	4.13	4.03	3.99	4.04	4.08	4.13	4.30	4.31	4.13	3.86	3.70	3.69	3.76	3.85
80	80	2.19	2.30	2.26	2.16	2.13	2.19	2.27	2.31	2.40	2.38	2.18	1.93	1.81	1.84	1.97	2.10
85	85	0.69	0.74	0.62	0.47	0.41	0.52	0.70	0.83	0.85	0.77	0.50	0.26	0.17	0.26	0.44	0.64

