

PHOTOMETRICS

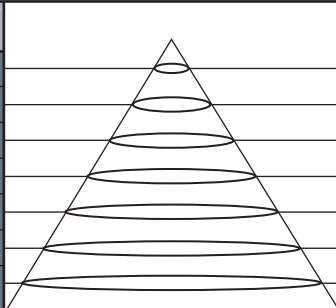
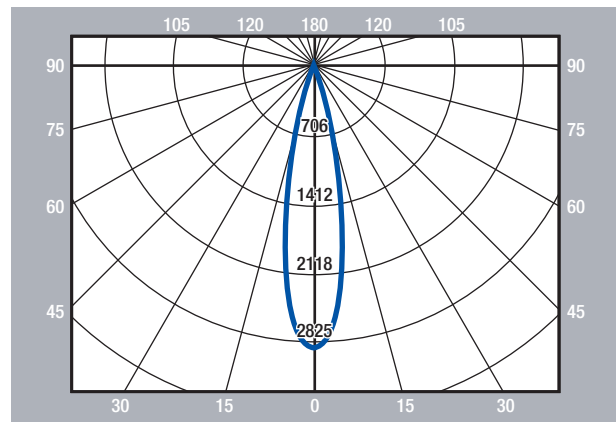
ORBIT

SERIES

NOMINAL SIZE	MODEL	LIGHT OUTPUT	WATTAGE VOLTAGE	COLOR TEMPERATURE	CRI	LIFETIME
3"	OB-300, OB-330	700 LM	10 W/120 V	3000K, 4000K	90	50,000 HRS
4"	OB-400, OB-430					

CRI 90 FOOTCANDLE DIAGRAM

MOUNTING HEIGHT (FEET/METERS)	FOOTCANDLES AT NADIR	DIAMETER (FEET/METERS)
4.00' / 1.22m	133.94	2.05' / 0.62m
6.00' / 1.83m	59.53	3.08' / 0.94m
8.00' / 2.44m	33.48	4.11' / 1.25m
10.0' / 3.05m	21.43	5.14' / 1.57m
12.0' / 3.66m	14.88	6.16' / 1.88m
14.0' / 4.27m	10.93	7.19' / 2.19m
16.0' / 4.88m	8.37	8.22' / 2.51m


CRI 90 DISTRIBUTION CURVE (cd/klm)

CRI 90 AVERAGE LUMINANCE (cd/m²)

VERTICAL ANGLE (DEGREES)	HORIZONTAL ANGLE (DEGREES)		
	0	45	90
0	1705425	1705425	1705425
45	54582	51768	46479
55	30661	30106	31078
65	25608	25891	25702
75	18448	18678	19063
85	0	1826	0

CRI 90 ZONAL LUMEN SUMMARY

ZONAL LUMEN SUMMARY		
ZONE	LUMENS	% OF LUMINAIRE
0-40	680.9	89.77
0-60	737.5	97.22
0-90	758.5	100
90-180	0	0

CRI 90 COEFFICIENTS OF UTILIZATION

CEILING CAVITY REFLECTANCE	80				70				50			30			10			0
	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	0
WALL REFLECTANCE																		
ROOM CAVITY RATIO (RCR)	EFFECTIVE FLOOR CAVITY REFLECTANCE 20% ** VALUES ARE EXPRESSED AS LUMENS DELIVERED TO THE TASK SURFACE **																	
0	1190	1190	1190	1190	1160	1160	1160	1160	1110	1110	1110	1060	1060	1060	1020	1020	1020	1000
1	1140	1110	1090	1070	1110	1090	1070	1050	1050	1030	1020	1010	1000	990	980	970	960	940
2	1090	1040	1000	970	1070	1030	990	960	990	970	940	960	940	920	940	920	900	890
3	1040	980	940	900	1020	970	930	890	940	910	880	920	890	860	900	870	850	840
4	1000	930	880	840	980	920	870	830	900	860	820	880	840	820	860	830	810	790
5	950	880	830	790	940	870	820	790	850	810	780	840	800	770	820	790	770	750
6	920	840	790	750	900	830	780	740	820	770	740	800	760	730	790	760	730	720
7	880	800	750	710	870	790	740	710	780	740	710	770	730	700	760	720	700	690
8	850	770	710	680	840	760	710	680	750	710	670	740	700	670	730	700	670	660
9	820	740	680	650	810	730	680	650	720	680	650	710	670	640	710	670	640	630
10	790	710	660	620	780	700	650	620	700	650	620	690	650	620	680	640	620	610