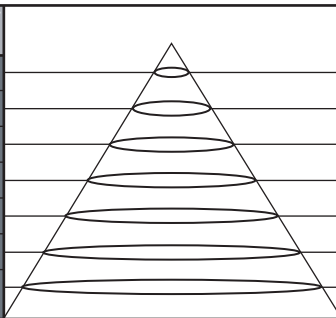
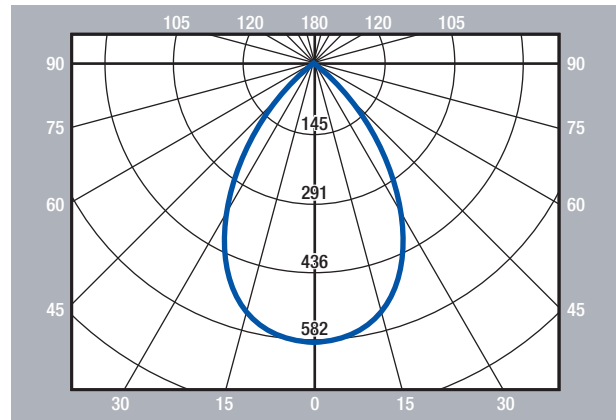


**PHOTOMETRICS**
**SERIES**  
**APEX**

NOMINAL SIZE	MODEL	LIGHT OUTPUT	WATTAGE VOLTAGE	COLOR TEMPERATURE	CRI	LIFETIME
8"	APX-810	2630 LM	30W/120 - 277 V	3000K, 4000K	80	45,000 HOURS

**APX-810 FOOTCANDLE DIAGRAM**

MOUNTING HEIGHT (FEET/METERS)	FOOTCANDLES AT NADIR	DIAMETER (FEET/METERS)
4.00' / 1.22m	98.62	6.75' / 2.06m
6.00' / 1.83m	43.83	10.12' / 3.08m
8.00' / 2.44m	24.65	13.5' / 4.11m
10.0' / 3.05m	15.78	16.87' / 5.14m
12.0' / 3.66m	10.96	20.25' / 6.17m
14.0' / 4.27m	8.05	23.62' / 7.20m
16.0' / 4.88m	6.16	26.99' / 8.23m


**APX-810 DISTRIBUTION CURVE (cd/klm)**

**APX-810 AVERAGE LUMINANCE (cd/m²)**

VERTICAL ANGLE (DEGREES)	HORIZONTAL ANGLE (DEGREES)		
	0	45	90
0	64127	64127	64127
45	34591	34874	34982
55	20569	20780	20814
65	11852	11900	11915
75	10010	10065	10010
85	7064	7274	7088

**APX-810 ZONAL LUMEN SUMMARY**

ZONAL LUMEN SUMMARY		
ZONE	LUMENS	% OF LUMINAIRE
0-40	1752.8	64.66
0-60	2491.7	91.91
0-90	2708.6	99.91
90-180	2.4	0.09

**APX-810 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	1110	1070	1040	1010	1090	1050	1020	990	1010	990	960	970	950	930	940	920	910	890
2	1030	970	910	870	1010	950	900	860	910	870	840	880	850	820	850	830	800	780
3	960	870	810	750	940	860	800	750	830	780	730	800	760	720	780	740	710	690
4	890	790	720	660	870	780	710	660	760	700	650	730	680	640	710	670	630	610
5	830	720	640	590	810	710	640	590	690	630	580	670	620	570	650	610	570	550
6	770	660	580	530	760	650	580	520	630	570	520	620	560	520	600	550	510	490
7	720	610	530	480	710	600	530	470	580	520	470	570	510	470	560	510	470	450
8	680	560	480	430	660	550	480	430	540	480	430	530	470	430	520	460	420	410
9	640	520	450	400	630	510	440	390	500	440	390	490	430	390	480	430	390	370
10	600	480	410	360	590	480	410	360	470	400	360	460	400	360	450	400	360	340