

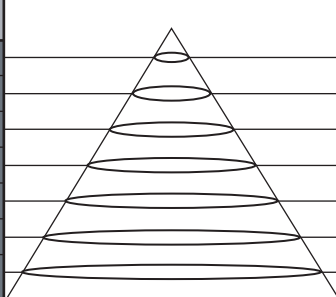
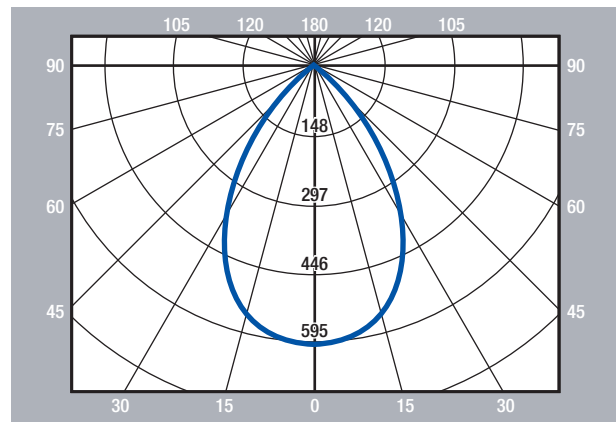
PHOTOMETRICS

 SERIES
APEX

NOMINAL SIZE	MODEL	LIGHT OUTPUT	WATTAGE VOLTAGE	COLOR TEMPERATURE	CRI	LIFETIME
4"	APX-410	870 LM	12W/120 - 277 V	3000K, 4000K	80	45,000 HOURS

APX-410 FOOTCANDLE DIAGRAM

MOUNTING HEIGHT (FEET/METERS)	FOOTCANDLES AT NADIR	DIAMETER (FEET/METERS)
4.00' / 1.22m	33.13	6.43' / 1.96m
6.00' / 1.83m	14.72	9.65' / 2.94m
8.00' / 2.44m	8.28	12.86' / 3.92m
10.0' / 3.05m	5.3	16.08' / 4.90m
12.0' / 3.66m	3.68	19.3' / 5.88m
14.0' / 4.27m	2.7	22.51' / 6.86m
16.0' / 4.88m	2.07	25.73' / 7.84m


APX-410 DISTRIBUTION CURVE (cd/klm)

APX-410 AVERAGE LUMINANCE (cd/m²)

VERTICAL ANGLE (DEGREES)	HORIZONTAL ANGLE (DEGREES)		
	0	45	90
0	83326	83326	83326
45	42926	43249	43349
55	27679	27700	28008
65	15919	15928	16087
75	11600	11084	10811
85	9739	8161	6763

APX-410 ZONAL LUMEN SUMMARY

ZONAL LUMEN SUMMARY		
ZONE	LUMENS	% OF LUMINAIRE
0-40	576.6	64.81
0-60	819.7	92.13
0-90	889.7	100
90-180	0	0

APX-410 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	1080	1040	1010	1090	1050	1020	1000	1010	990	970	970	950	940	940	920	910	890
2	1030	970	910	870	1010	950	900	860	920	870	840	890	850	820	860	830	800	780
3	960	870	810	760	940	860	800	750	830	780	740	810	760	720	780	740	710	690
4	890	790	720	660	870	780	710	660	760	700	650	740	680	640	720	670	640	620
5	830	720	650	590	810	710	640	590	690	630	580	670	620	580	660	610	570	550
6	780	660	590	530	760	650	580	530	640	570	520	620	560	520	610	560	520	500
7	730	610	530	480	710	600	530	480	590	520	470	570	520	470	560	510	470	450
8	680	560	490	440	670	560	480	430	540	480	430	530	470	430	520	470	430	410
9	640	520	450	400	630	520	450	400	510	440	400	500	440	390	490	430	390	380
10	600	490	410	370	590	480	410	370	470	410	370	460	400	360	450	400	360	350