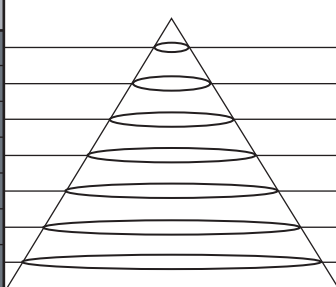
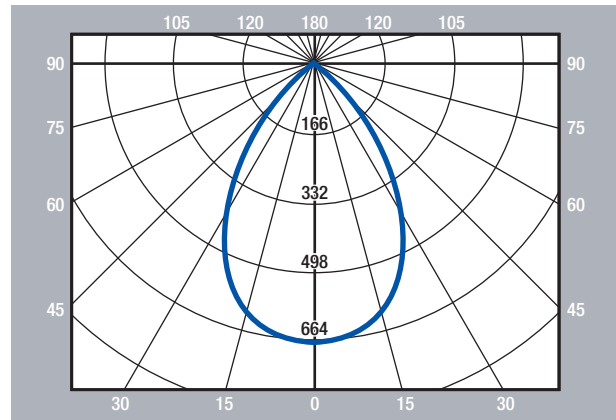


PHOTOMETRICS
SERIES
APEX

NOMINAL SIZE	MODEL	LIGHT OUTPUT	WATTAGE VOLTAGE	COLOR TEMPERATURE	CRI	LIFETIME
3"	APX-310	600 LM	9W/120 - 277 V	3000K, 4000K	80	45,000 HOURS

APX-310 FOOTCANDLE DIAGRAM

MOUNTING HEIGHT (FEET/METERS)	FOOTCANDLES AT NADIR	DIAMETER (FEET/METERS)
4.00' / 1.22m	26.89	5.81' / 1.77m
6.00' / 1.83m	11.95	8.72' / 2.66m
8.00' / 2.44m	6.72	11.62' / 3.54m
10.0' / 3.05m	4.3	14.53' / 4.43m
12.0' / 3.66m	2.99	17.44' / 5.32m
14.0' / 4.27m	2.19	20.34' / 6.20m
16.0' / 4.88m	1.68	23.25' / 7.09m


APX-310 DISTRIBUTION CURVE (cd/klm)

APX-310 AVERAGE LUMINANCE (cd/m²)

VERTICAL ANGLE (DEGREES)	HORIZONTAL ANGLE (DEGREES)		
	0	45	90
0	111785	111785	111785
45	47257	47276	47074
55	27476	27601	27317
65	18015	18015	17984
75	14005	14156	12550
85	10584	9615	7603

APX-310 ZONAL LUMEN SUMMARY

ZONAL LUMEN SUMMARY		
ZONE	LUMENS	% OF LUMINAIRE
0-40	443.7	68.43
0-60	600.2	92.57
0-90	648.4	100
90-180	0	0

APX-310 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	1050	1020	1090	1060	1030	1000	1020	990	970	980	960	940	940	930	910	890
2	1040	980	920	880	1010	960	910	870	920	880	850	890	860	830	860	840	810	790
3	970	880	820	770	950	870	810	760	840	790	750	820	770	740	790	760	730	710
4	900	810	740	680	880	790	730	680	770	710	670	750	700	660	730	690	650	630
5	840	740	660	610	820	730	660	610	710	650	600	690	640	590	670	630	590	570
6	790	680	600	550	770	670	600	550	650	590	540	640	580	540	620	570	540	520
7	740	630	550	500	720	620	550	500	600	540	490	590	530	490	580	530	490	470
8	700	580	510	460	680	570	500	460	560	500	450	550	490	450	540	490	450	430
9	660	540	470	420	640	530	470	420	520	460	420	510	460	420	500	450	410	400
10	620	500	430	390	610	500	430	390	490	430	390	480	420	380	470	420	380	370