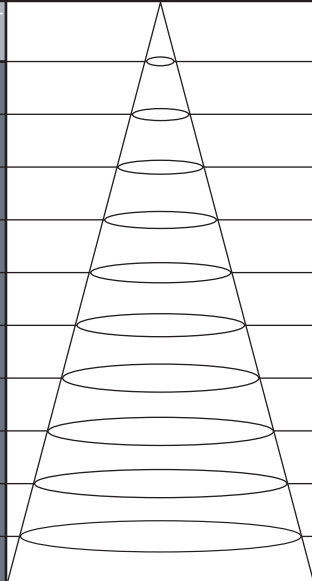


# AZURE

NOMINAL SIZE	MODEL	LIGHT OUTPUT	WATTAGE VOLTAGE	COLOR TEMPERATURE	CRI	LIFETIME
12"	FM120	1500 LM	20 W/120V	3K & 4K	80+	50,000 HOURS

## FM120 FOOTCANDLE DIAGRAM

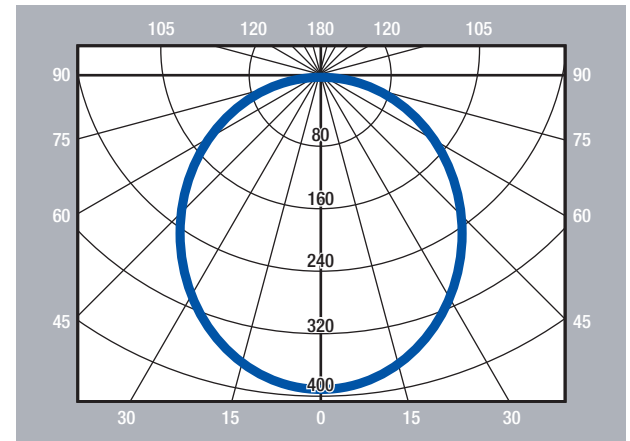
MOUNTING HEIGHT (METERS)	FOOTCANDLES AT NADIR	DIAMETER (CENTIMETERS)
1.5 m	33.40, 174.51x	635.65
2 m	18.79, 98.181x	847.53
2.5 m	12.02, 62.831x	1059.41
4 m	4.696, 24.541x	1695.06
5 m	3.006, 15.711x	2118.82
6 m	2.087, 10.911x	2542.58
7 m	1.533, 8.0141x	2966.35
8 m	1.174, 6.1361x	3390.11
9 m	0.9277, 4.8481x	3813.87
10 m	0.7514, 3.9271x	4237.64



## FM120 ZONAL LUMEN SUMMARY

ZONE	LUMENS	% OF LUMINAIRE
0-30	315	18.7
0-40	527.8	31.3
0-60	984	58.4
0-90	1437	85.3
90-180	247	14.7

## FM120 DISTRIBUTION CURVE (cd/klm)



## FM120 COEFFICIENTS OF UTILIZATION

CEILING CAVITY REFLECTANCE	80			70			50			30			10			0
	50	30	10	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	1077	1077	1077	1036	1036	1036	960	960	960	890	890	890	826	826	826	795
1	906	858	814	871	827	788	805	770	738	745	717	691	689	667	646	617
2	777	706	645	747	682	627	691	638	591	640	596	557	592	556	525	496
3	675	592	526	650	574	513	602	538	486	557	505	460	516	473	436	408
4	594	506	440	572	491	429	530	462	408	492	435	388	456	408	368	343
5	527	439	374	508	427	366	473	403	349	439	380	333	408	357	317	292
6	472	385	323	456	375	316	425	355	302	396	335	289	369	317	276	253
7	426	342	283	412	333	277	385	316	265	359	299	254	336	283	243	222
8	387	306	255	375	298	245	351	283	235	329	269	226	307	255	216	196
9	354	276	223	343	269	219	322	256	210	302	244	202	283	232	194	175
10	325	251	201	316	245	197	297	234	190	279	223	183	263	212	176	158

## FM120 AVERAGE LUMINANCE (cd/m²)

VERTICAL ANGLE (DEGREES)	C0/180	C90/270
85	12554	12743
80	7659	7757
75	6140	6184
70	5474	5489
65	5152	5149
60	4984	4967
55	4875	4846
50	4799	4761
45	4735	4694