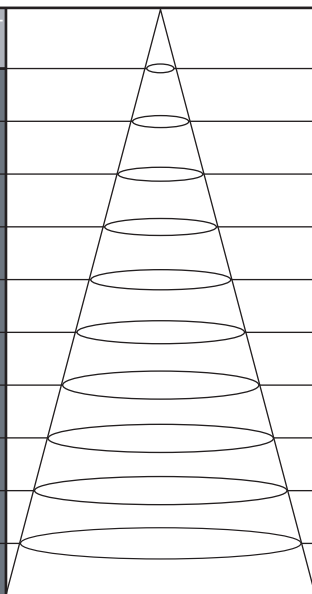


AZURE

NOMINAL SIZE	MODEL	LIGHT OUTPUT	WATTAGE VOLTAGE	COLOR TEMPERATURE	CRI	LIFETIME
16"	FM160	2000 LM	23 W/120V	3K & 4K	80+	50,000 HOURS

FM160 FOOTCANDLE DIAGRAM

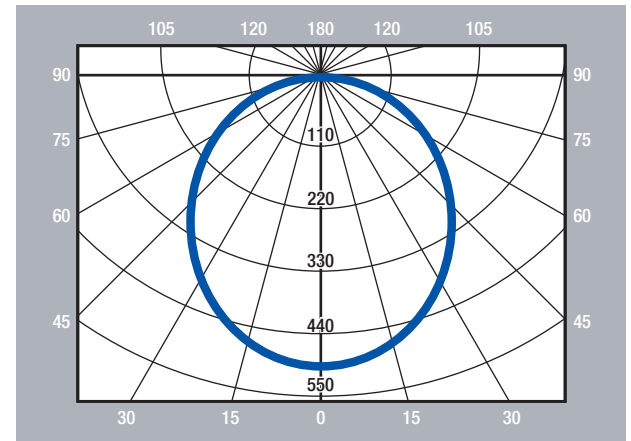
MOUNTING HEIGHT (METERS)	FOOTCANDLES AT NADIR	DIAMETER (CENTIMETERS)
1.5 m	45.36, 225.11x	591.04
2 m	25.52, 126.61x	788.05
2.5 m	16.33, 81.041x	985.06
4 m	6.379, 31.661x	1576.10
5 m	4.082, 20.261x	1970.12
6 m	2.835, 14.071x	2364.15
7 m	2.083, 10.341x	2758.17
8 m	1.595, 7.9141x	3152.20
9 m	1.260, 6.2531x	3546.22
10 m	1.021, 5.0651x	3940.24



FM160 ZONAL LUMEN SUMMARY

ZONE	LUMENS	% OF LUMINAIRE
0-30	404.2	19.4
0-40	674.1	32.4
0-60	1246	59.8
0-90	1791	86
90-180	292	14

FM160 DISTRIBUTION CURVE (cd/klm)



FM160 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	EFFECTIVE FLOOR CAVITY REFLECTANCE 20%															
ROOM CAVITY RATIO (RCR)	** VALUES ARE EXPRESSED AS LUMENS DELIVERED TO THE TASK SURFACE **															
0	143	143	143	137	137	137	127	127	127	118	118	118	110	110	110	106
1	120	114	108	116	110	105	107	103	98	99	96	92	92	89	87	83
2	103	94	86	99	91	84	92	85	79	86	80	75	79	75	71	67
3	90	79	70	87	77	69	80	72	65	75	68	62	69	64	59	55
4	79	68	59	76	66	58	71	62	55	66	58	52	61	55	50	46
5	70	59	50	68	57	49	63	54	47	59	51	45	55	48	43	40
6	63	52	43	61	50	43	57	48	41	53	45	39	50	43	37	34
7	57	46	38	55	45	37	52	42	36	48	40	34	45	38	33	30
8	52	41	34	50	40	33	47	38	32	44	36	31	41	35	29	27
9	47	37	30	46	36	30	43	35	28	41	33	27	38	31	26	24
10	43	34	27	42	33	27	40	31	26	38	30	25	35	29	24	22

FM160 AVERAGE LUMINANCE (cd/m²)

VERTICAL ANGLE (DEGREES)	C0/180	C90/270
85	12326	14624
80	7798	9111
75	6420	7413
70	5855	6688
65	5656	6362
60	5578	6189
55	5550	6083
50	5554	6008
45	5562	5945