

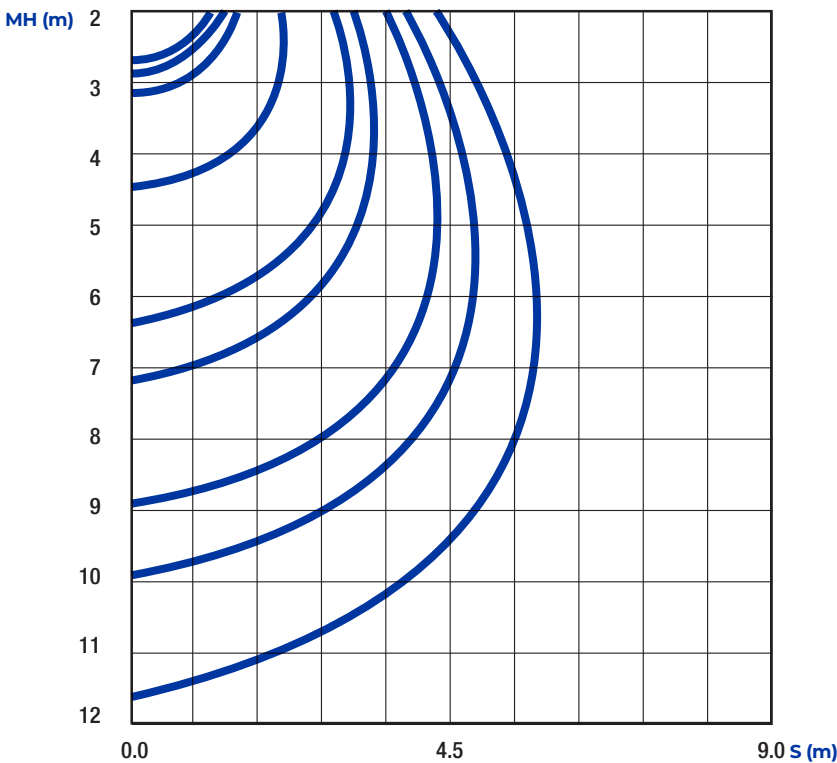
# APOLLO 2 LED Flush Mount Plafonnier DEL

FM70  
FM-MS70

## PHOTOMETRICS

NOMINAL SIZE	MODEL	LIGHT OUTPUT	WATTAGE/VOLTAGE	COLOR TEMPERATURE	CRI	LIFETIME
6"	FM70 / FM-MS70	1000 lumens	13W / 120V	3K & 4K	90+	50,000 hours

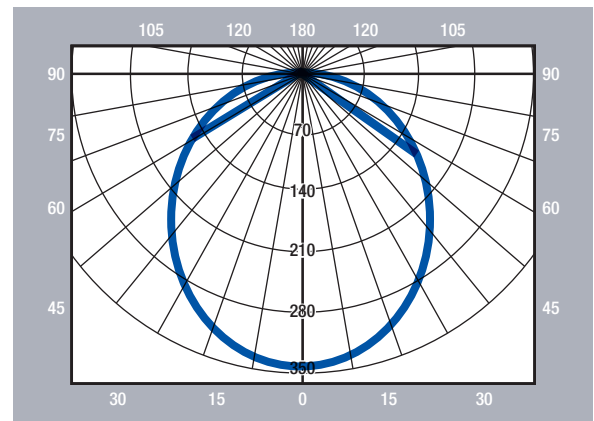
### FM70 CO Plane Isolux Diagram (unit : lx)



### FM70 Zonal Lumen Summary

ZONE	LUMENS	% OF LUMINAIRE
0-40	428.3	42.3
0-60	762.1	75.3
0-90	998.7	98.7
90-180	13.4	1.3

### FM70 Distribution Curve (cd/klm)



### FM70 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	119	119	119	116	116	116	110	110	110	105	105	105	101	101	101	99
1	103	98	94	100	96	92	96	92	89	91	89	86	88	85	83	81
2	89	82	76	87	80	75	83	78	73	80	75	71	76	73	69	67
3	78	69	63	76	68	62	73	66	60	70	64	60	67	62	58	56
4	69	60	53	67	59	52	65	57	52	62	56	51	60	54	50	48
5	61	52	45	60	52	45	58	50	44	56	49	44	54	48	43	41
6	55	46	40	54	46	39	52	45	39	50	44	38	49	43	38	36
7	50	41	35	49	41	35	47	40	34	46	39	34	44	38	34	32
8	46	37	31	45	37	31	43	36	31	42	35	30	41	35	30	28
9	42	34	28	41	33	28	40	33	28	39	32	27	38	32	27	25
10	39	31	25	38	30	25	37	30	25	36	29	25	35	29	25	23

### FM70 Average Luminance (cd/m<sup>2</sup>)

VERTICAL ANGLE (DEGREES)	C0/180	C90/270
85	3279	2912
70	2793	2647
60	2983	2884
55	3054	2974
50	3113	3044
45	3159	3104