

6" LED Adjustable Downlight

Lamp: (1) LED, 12W 700Lm

Total Rated Fixture Lumen :562.9 Lm

Total Luminaire Efficacy :48 Lm/W

Luminous Diameter :1.8"

CRI :80 Standard

LM79 Report File

#L07133810

By:

Lighting Sciences Inc.

LRELD667

LED DETAILS**Light Source Specification**

Color Rendering Index (CRI): 80+

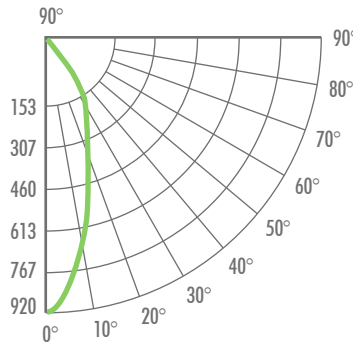
Color Temperature: 3,072K

Estimated Life: 35,000+ hrs. - L70

Lamp Equivalents: 50W MR16, PAR20, PAR30, 75W A19

ZONAL LUMENS SUMMARY

Zone	Lumens	% Fixt
0 - 30	382.1	67.9
0 - 40	506.9	90.1
0 - 60	544.3	96.7
60 - 90	18.6	3.3
70 - 100	11.1	2.0
90 - 120	0.0	0.0
0 - 90	562.9	100.0
90 - 180	0.0	0.0
0 - 180	562.9	100.0

**CANDELA TABLE - TYPE C****CD./SQ.M (FOOTLAMBERTS)**

Angle	0
0	914
5	849
15	557
55	10
65	8
75	6
85	6
90	0

COEFFICIENTS OF UTILIZATION - ZONAL CAVITY METHOD**EFFECTIVE FLOOR CAVITY REFLECTANCE 0.20**

RC	80				70				50			30			10			0
RW	70	50	30	0	70	50	30	0	50	30	20	50	30	20	50	30	20	0
0	119	119	119	119	116	116	116	100	111	111	111	106	106	106	102	102	102	100
1	113	110	107	105	110	108	105	93	104	102	100	100	98	97	97	95	94	92
2	107	102	98	94	105	100	96	86	97	94	91	94	91	89	91	89	87	86
3	102	95	90	86	100	94	89	80	91	87	84	89	85	82	86	83	81	79
4	97	89	83	79	95	88	82	75	85	81	77	83	80	76	82	78	76	74
5	92	83	77	73	90	82	77	70	80	76	72	79	75	71	77	74	71	69
6	87	78	72	68	86	77	72	66	76	71	67	74	70	67	73	69	66	65
7	83	74	68	63	82	73	67	62	72	67	63	71	66	63	69	65	62	61
8	79	70	64	59	78	69	63	58	68	63	59	67	62	59	66	62	59	57
9	75	66	60	56	74	65	60	55	64	59	56	64	59	55	63	58	55	54
10	72	62	57	53	71	62	57	52	61	56	53	60	56	52	60	55	52	51

MULTIPLIERS**COLOR TEMP**

3,000K	1.00
4,000K	1.13
2,700K	0.90

LUMINANCE SUMMARY CD./SQ.M.**CD./SQ.M (FOOTLAMBERTS)**

Angle	Mean CD/Sq. M.
0-10	76.4
10-20	154.0
20-30	151.8
30-40	124.8
40-50	27.7
50-60	9.7
60-70	7.6
70-80	6.3
80-90	4.8
90-100	0.0