

Lamp: (6)LED w/40° Optics Lens
 Total Rated Fixture Lumen :490.85
 Total Luminaire Efficacy :44.10 Lm/W
 Luminous Diameter :2.76"
 Input Power (W) :11.13
 Input Current (Amp) :0.10
 Color Rendering Index (CRI) :83.77
 Color Temperature :2,933K

6" LED Downlight Luminaire
 IESNA Standard LM-79-2008
 Test # L09111703
 By: Light Laboratory, Inc.
 10W LRLD6

Lamp: (6)LED w/60° Optics Lens
 Total Rated Fixture Lumen :493.28
 Total Luminaire Efficacy :41.70 Lm/W
 Luminous Diameter :2.76"
 Input Power (W) :11.83
 Input Current (Amp) :0.11
 Color Rendering Index (CRI) :85.35
 Color Temperature :2,820K

6" LED Downlight Luminaire
 IESNA Standard LM-79-2008
 Test # L09111704
 By: Light Laboratory, Inc.
 10W LRLD6

ZONAL LUMEN SUMMARY

Zone	Lumens Beam Spread	
	40°	60°
0 - 10	174.15	90.10
10 - 20	182.76	201.40
20 - 30	48.04	107.24
30 - 40	19.42	36.12
40 - 50	17.32	18.90
50 - 60	12.18	10.90
60 - 70	15.18	12.33
70 - 80	12.35	9.26
80 - 90	9.46	7.03

Zone	Beam Spread: 40°		Beam Spread: 60°	
	Lumens	% Fixt	Lumens	% Fixt
0 - 30	404.95	82.50	398.74	80.80
0 - 40	424.37	86.50	434.86	88.20
0 - 60	453.86	92.50	464.66	94.20
0 - 90	490.85	100.00	493.28	100.00

HORIZONTAL FOOT CANDLES: FC VALUES

Distance	Beam Spread		Beam Spread		Beam Spread	
	FC 25°	∅	FC 40°	∅	FC 60°	∅
3.0'	305.9	1.3'	154.0	2.2'	144.0	3.3'
6.0'	76.3	2.7'	58.0	4.4'	36.0	6.6'
9.0'	34.3	4.0'	29.0	6.6'	16.0	9.9'
12.0'	18.9	5.3'	11.0	8.7'	9.0	13.2'
19.0'	10.0	6.5'				

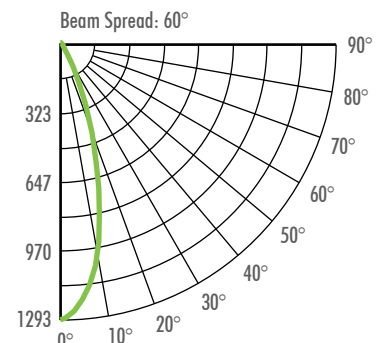
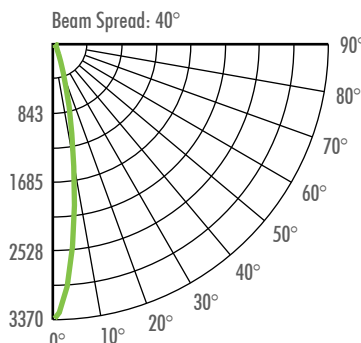
CANDELA TABULATION

Zone	Luminance (CD) Beam Spread	
	40°	60°
0.0	3370	1293
1.0	3301	1286
3.0	2974	1253
5.0	2501	1204
7.0	1992	1139
9.0	1518	1056
11.0	1115	946
13.0	790	821
15.0	546	698
17.0	373	581
19.5	232	445
22.5	134	307
25.5	83	204
29.0	53	123
33.0	37	67
37.5	28	36
42.5	23	24
47.5	20	19
55.0	18	15
65.0	14	11
75.0	10	7
85.0	5	4
90.0	0	0

LUMINANCE DATA (CD./SQ.M.)

Angle	Beam Spread: 40°		
	Avg. 0-Deg	Avg. 45-Deg	Avg. 90-Deg
45	7870	7870	7870
55	8123	8123	8123
65	8574	8574	8574
75	10000	10000	10000
85	14849	14849	14849

Angle	Beam Spread: 60°		
	Avg. 0-Deg	Avg. 45-Deg	Avg. 90-Deg
45	7870	7870	7870
55	6769	6769	6769
65	6737	6737	6737
75	7000	7000	7000
85	11879	11879	11879



Lamp: (6)LED w/40° Optics Lens	6" LED Downlight Luminaire
Total Rated Fixture Lumen :614.52	IESNA Standard LM-79-2008
Total Luminaire Efficacy :36.06 Lm/W	Test # L09111701
Luminous Diameter :2.76"	By: Light Laboratory, Inc.
Input Power (W) :17.04	15W LRLD6
Input Current (Amp) :0.15	
Color Rendering Index (CRI) :85.20	
Color Temperature :2,870K	

Lamp: (6)LED w/60° Optics Lens	6" LED Downlight Luminaire
Total Rated Fixture Lumen :634.80	IESNA Standard LM-79-2008
Total Luminaire Efficacy :36.38 Lm/W	Test # L09111702
Luminous Diameter :2.76"	By: Light Laboratory, Inc.
Input Power (W) :17.34	15W LRLD6
Input Current (Amp) :0.15	
Color Rendering Index (CRI) :85.13	
Color Temperature :2,854K	

ZONAL LUMEN SUMMARY

Zone	Lumens Beam Spread	
	40°	60°
0 - 10	218.91	115.61
10 - 20	224.39	260.89
20 - 30	61.56	137.08
30 - 40	25.80	45.24
40 - 50	22.66	23.11
50 - 60	15.38	13.14
60 - 70	18.50	14.70
70 - 80	15.44	11.32
80 - 90	11.89	9.73

Zone	Beam Spread: 40°		Beam Spread: 60°	
	Lumens	% Fixt	Lumens	% Fixt
0 - 30	504.86	82.20	513.58	81.40
0 - 40	530.66	86.40	558.83	88.60
0 - 60	568.70	92.50	595.08	94.30
0 - 90	614.52	100.00	630.84	100.00

HORIZONTAL FOOT CANDLES: FC VALUES

Distance	Beam Spread FC 25°		Beam Spread FC 40°		Beam Spread FC 60°	
	FC 25°	∅	FC 40°	∅	FC 60°	∅
3.0'	527.1	1.3'	328.0	2.2'	184.0	3.3'
6.0'	131.6	2.7'	70.0	4.4'	46.0	6.5'
9.0'	58.8	4.0'	30.1	6.6'	20.0	9.8'
12.0'	32.9	5.3'	16.8	8.7'	12.0	13.1'
14.0'	20.0	5.5'				
14.0'	10.0	5.9'				

CANDELA TABULATION

Zone	Luminance (CD) Beam Spread	
	40°	60°
0.0	4318	1656
1.0	4218	1647
3.0	3783	1608
5.0	3157	1544
7.0	2481	1461
9.0	1876	1358
11.0	1368	1224
13.0	964	1067
15.0	667	906
17.0	459	753
19.5	290	575
22.5	171	394
25.5	108	259
29.0	71	154
33.0	49	84
37.5	37	45
42.5	30	29
47.5	26	23
55.0	22	18
65.0	17	13
75.0	13	9
85.0	6	6
90.0	0	0

LUMINANCE DATA (CD./SQ.M.)

Angle	Beam Spread: 40°		
	Avg. 0-Deg	Avg. 45-Deg	Avg. 90-Deg
45	10249	10249	10249
55	9928	9928	9928
65	10412	10412	10412
75	13001	13001	13001
85	17819	17819	17819

Angle	Beam Spread: 60°		
	Avg. 0-Deg	Avg. 45-Deg	Avg. 90-Deg
45	9517	9517	9517
55	8123	8123	8123
65	7962	7962	7962
75	9000	9000	9000
85	17819	17819	17819

