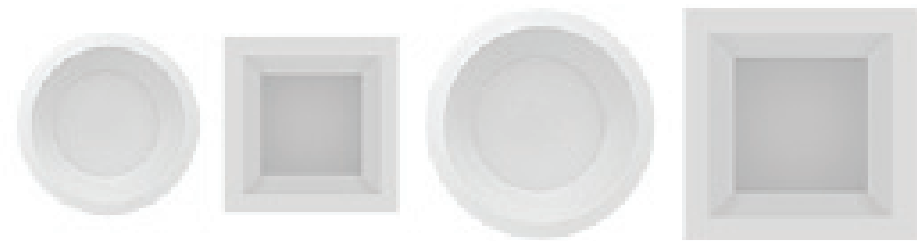
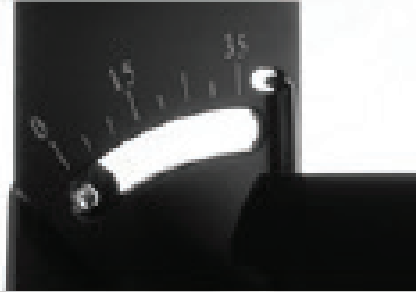


PRIME

ARCHITECTURAL LED DOWNLIGHT



Comprehensive
Technical Information

PRIME

PRIME 6" LED ARCHITECTURAL

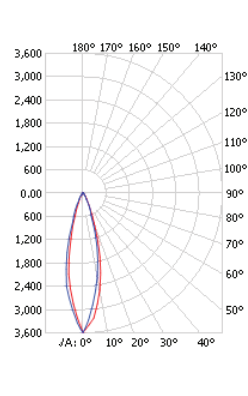
6" SQUARE FLANGELESS DOWNLIGHT

PRIME 6" DOWNLIGHT

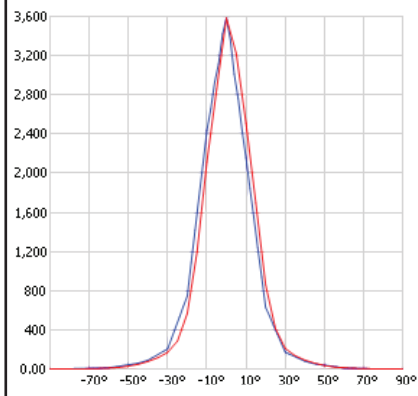
RPA6-10L-18°

Test Date 2020-02-01
 Lumens 994.9 lm
 Watts 11.8 W
 CCT 3000K

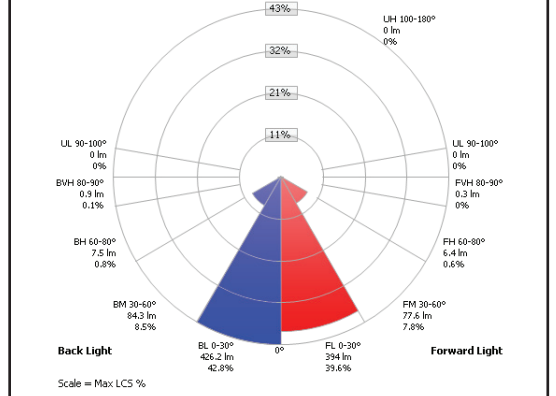
Polar candela distribution



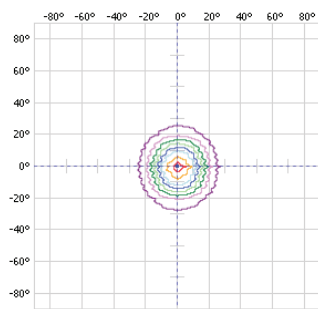
Candela distribution



LCS Graph



Isocandela plot



ZONAL LUMEN SUMMARY

ZONE	LUMENS	% LAMP	% LUMINAIRE
0-30	818.4	82.3%	82.2%
0-40	903.8	90.8%	90.8%
0-60	980.4	98.5%	98.5%
60-90	15.1	1.5%	1.5%
0-90	995.5	100.1%	100%

- Cd: 3,227, 90%
 - Cd: 2,689, 75%
 - Cd: 2,151, 60%
 - Cd: 1,793, 50%
 - Cd: 1,434, 40%
 - Cd: 1,076, 30%
 - Cd: 717, 20%
 - Cd: 359, 10%
- Point of Max Cd: 3,585.3

Candela table

	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90
90	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
80	0	0	0	0	1	1	1	2	2	2	2	2	2	1	1	1	1	0	0
70	0	0	0	1	2	3	4	5	6	6	6	6	5	4	3	2	1	0	0
60	0	0	1	2	4	6	9	11	12	12	12	11	10	7	5	3	1	0	0
50	0	0	2	5	9	18	31	36	39	40	39	36	29	17	8	5	2	0	0
40	0	0	2	6	12	29	58	71	78	81	79	72	61	35	15	7	3	1	0
30	0	1	4	9	22	54	92	122	156	174	152	115	86	48	19	9	4	1	0
20	0	1	4	10	24	62	115	202	421	630	506	243	127	73	32	12	5	1	0
10	0	1	5	12	35	86	175	517	1550	2157	1445	446	153	74	30	11	5	1	0
0	0	1	5	11	31	78	172	570	2117	3585	2512	862	212	92	38	13	6	1	0
-10	0	1	6	12	35	88	178	553	1771	2438	1607	487	162	75	30	11	5	1	0
-20	0	1	4	10	25	65	121	221	499	747	575	274	138	74	31	12	5	1	0
-30	0	1	4	10	24	58	98	135	186	207	176	130	92	49	19	9	4	1	0
-40	0	1	3	7	13	31	62	76	87	92	89	81	68	37	15	8	4	1	0
-50	0	1	2	5	10	20	33	39	43	44	43	40	33	18	9	5	2	1	0
-60	0	1	1	3	5	7	10	12	13	13	13	13	11	8	6	4	2	1	0
-70	0	1	1	2	3	5	6	7	7	8	8	7	6	5	3	2	1	1	0
-80	0	1	1	1	2	2	2	3	3	3	3	3	3	2	2	2	1	1	0
-90	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0

Illuminance at a distance

HEIGHT(FT)	CENTER BEAM		BEAM SPREAD(FT)		FIELD SPREAD(FT)	
	FOOTCANDLE	HORIZONTAL	HORIZONTAL	VERTICAL	HORIZONTAL	VERTICAL
4.00	224.08 FC	1.9	1.9	3.7	4.0	
8.00	56.02 FC	3.7	3.7	7.5	8.0	
12.00	24.90 FC	5.6	5.6	11.2	12.0	
16.00	14.01 FC	7.4	7.4	15.0	16.0	
20.00	8.96 FC	9.3	9.3	18.7	20.0	
		BEAM ANGLE		FIELD ANGLE		
		26.2°		50.1°		53.2°

Lumens per zone

ZONE	LUMENS	% TOTAL
0-10	252.9	25.4%
10-20	383.3	38.5%
20-30	182.2	18.3%
30-40	85.4	8.6%
40-50	51.0	5.1%
50-60	25.6	2.6%
60-70	10.0	1.0%
70-80	3.9	0.4%
80-90	1.2	0.1%

Flood summary

	EFFICIENCY	LUMENS	HORIZONTAL SPREAD	VERTICAL SPREAD
FIELD (10%):	76.1%	757.5	50.1	53.2
BEAM (50%):	35.9%	357.3	26.2	26.2
TOTAL:	99.8%	993.0		

LCS Table

BUG RATING	B1 - UX - G0	
FORWARD LIGHT	LUMENS	LUMENS %
LOW(0-30):	394.0	39.6%
MEDIUM(30-60):	77.6	7.8%
HIGH(60-80):	6.4	0.6%
VERY HIGH(80-90):	0.3	0%
BACK LIGHT		
LOW(0-30):	426.2	42.8%
MEDIUM(30-60):	84.3	8.5%
HIGH(60-80):	7.5	0.8%
VERY HIGH(80-90):	0.9	0.1%
TRAPPED LIGHT:	0.000	0%

PRIME

PRIME 6" LED ARCHITECTURAL

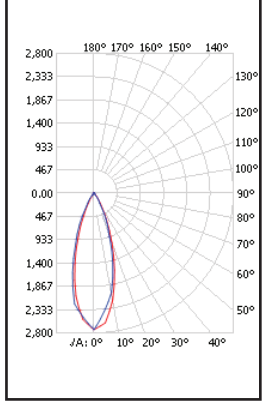
6" SQUARE FLANGELESS DOWNLIGHT

PRIME 6" DOWNLIGHT

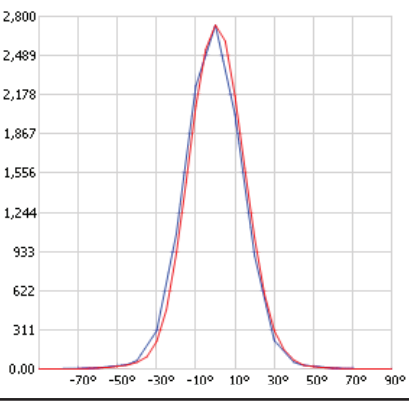
RPA6-10L-30°

Test Date 2020-02-01
 Lumens 1046.8 lm
 Watts 11.8 W
 CCT 3000K

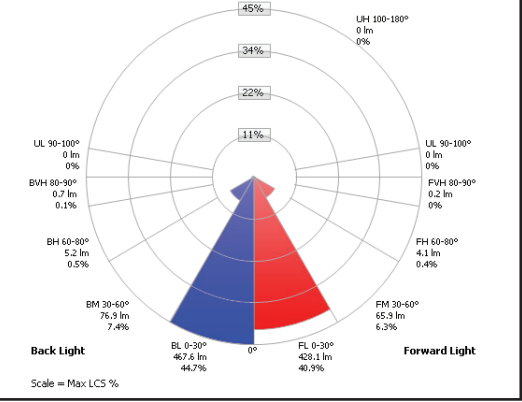
Polar candela distribution



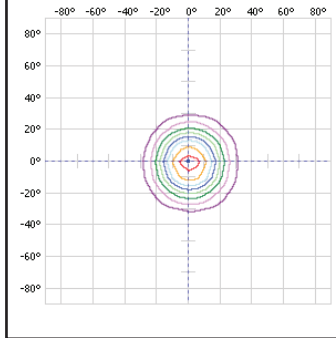
Candela distribution



LCS Graph



Isocandela plot



ZONAL LUMEN SUMMARY

ZONE	LUMENS	% LAMP	% LUMINAIRE
0-30	894.4	85.4%	85.4%
0-40	988.4	94.4%	94.4%
0-60	1,037.3	99.1%	99%
60-90	10.1	1%	1%
0-90	1,047.4	100.1%	100%

Legend:
 Cd: 2,459, 90%
 Cd: 2,049, 75%
 Cd: 1,639, 60%
 Cd: 1,366, 50%
 Cd: 1,093, 40%
 Cd: 820, 30%
 Cd: 546, 20%
 Cd: 273, 10%
 --- Point of Max Cd: 2,732.3

Candela table

	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90
90	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
80	0	0	0	0	0	0	1	1	1	1	1	1	1	1	0	0	0	0	0
70	0	0	0	1	1	2	3	3	4	4	4	4	3	3	2	1	1	0	0
60	0	0	1	2	3	4	6	8	8	8	8	7	6	4	3	1	0	0	0
50	0	0	1	3	6	12	18	22	23	23	22	21	17	11	5	3	1	0	0
40	0	0	2	5	10	20	35	42	50	55	53	43	34	19	9	4	2	0	0
30	0	0	2	6	14	29	52	90	173	228	196	116	63	29	14	6	2	0	0
20	0	0	3	8	19	39	87	283	666	900	726	358	130	40	17	7	3	0	0
10	0	1	3	8	21	48	160	668	1544	2020	1588	794	250	64	20	8	3	0	0
0	0	1	3	9	22	54	220	917	2091	2732	2169	1042	308	73	21	8	3	0	0
-10	0	1	3	9	21	51	179	731	1671	2250	1788	866	267	65	20	8	3	0	0
-20	0	1	3	8	19	42	103	347	806	1073	870	429	149	40	17	7	3	0	0
-30	0	0	3	7	16	32	59	111	224	305	264	153	74	30	14	6	2	0	0
-40	0	0	2	5	11	22	38	47	60	70	66	53	39	21	9	4	2	0	0
-50	0	0	2	4	7	13	20	24	25	26	26	24	21	12	6	3	1	0	0
-60	0	1	1	2	4	6	8	9	10	10	10	9	7	5	4	2	1	1	0
-70	0	1	1	2	2	3	4	5	5	6	5	5	4	3	2	2	1	1	0
-80	0	1	1	1	1	2	2	2	3	3	3	2	2	2	1	1	1	1	0
-90	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1

Illuminance at a distance

HEIGHT(FT)	CENTER BEAM FOOTCANDLE	BEAM SPREAD(FT)		FIELD SPREAD(FT)	
		HORIZONTAL	VERTICAL	HORIZONTAL	VERTICAL
4.00	170.77 FC	2.4	2.4	4.6	4.7
8.00	42.69 FC	4.8	4.8	9.3	9.4
12.00	18.97 FC	7.1	7.2	13.9	14.1
16.00	10.67 FC	9.5	9.6	18.5	18.7
20.00	6.83 FC	11.9	12.0	23.1	23.4
		BEAM ANGLE		FIELD ANGLE	
		33.1°		60.1°	
		33.3°		60.7°	

Lumens per zone

ZONE	LUMENS	% TOTAL
0-10	220.1	21.0%
10-20	412.0	39.3%
20-30	262.3	25.0%
30-40	94.0	9.0%
40-50	33.0	3.2%
50-60	15.9	1.5%
60-70	6.7	0.6%
70-80	2.6	0.2%
80-90	0.8	0.1%

Flood summary

	EFFICIENCY	LUMENS	HORIZONTAL SPREAD	VERTICAL SPREAD
FIELD (10%):	85.9%	899.3	60.1	60.7
BEAM (50%):	46.5%	486.6	33.1	33.3
TOTAL:	99.9%	1,045.4		

LCS Table

BUG RATING	B1 - UX - G0	
FORWARD LIGHT	LUMENS	LUMENS %
LOW(0-30):	428.1	40.9%
MEDIUM(30-60):	65.9	6.3%
HIGH(60-80):	4.1	0.4%
VERY HIGH(80-90):	0.2	0%
BACK LIGHT		
LOW(0-30):	467.6	44.7%
MEDIUM(30-60):	76.9	7.4%
HIGH(60-80):	5.2	0.5%
VERY HIGH(80-90):	0.7	0.1%
TRAPPED LIGHT:	0.000	0%

PRIME

PRIME 6" LED ARCHITECTURAL

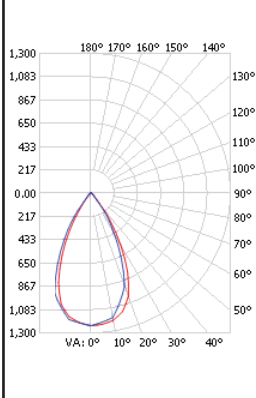
6" SQUARE FLANGELESS DOWNLIGHT

PRIME 6" DOWNLIGHT

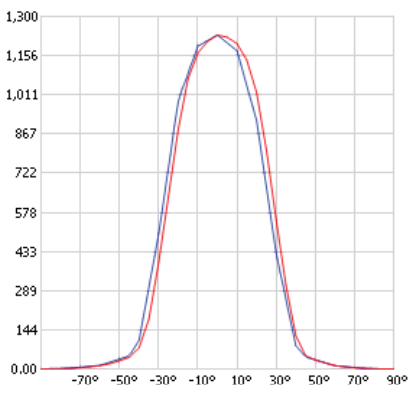
RPA6-10L-60°

Test Date 2020-02-01
 Lumens 989.6 lm
 Watts 11.8 W
 CCT 3000K

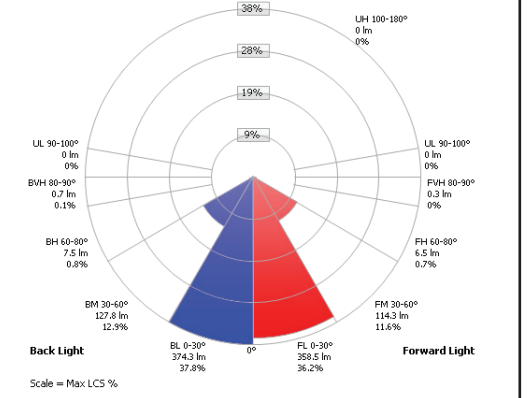
Polar candela distribution



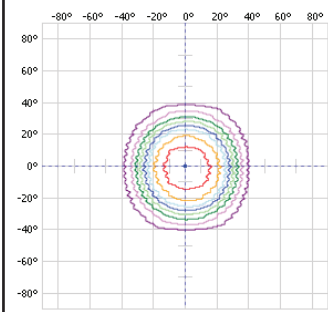
Candela distribution



LCS Graph



Isocandela plot



ZONAL LUMEN SUMMARY

ZONE	LUMENS	% LAMP	% LUMINAIRE
0-30	732.3	74%	74%
0-40	899.0	90.8%	90.9%
0-60	974.3	98.5%	98.5%
60-90	15.0	1.5%	1.5%
0-90	989.3	100%	100%

Cd: 1,109, 90%	Cd: 493, 40%
Cd: 924, 75%	Cd: 370, 30%
Cd: 739, 60%	Cd: 246, 20%
Cd: 616, 50%	Cd: 123, 10%

--- Point of Max Cd: 1,232.0

Candela table

	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90
90	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
80	0	0	0	0	1	1	1	2	2	2	2	2	1	1	1	1	0	0	0
70	0	0	1	1	2	3	5	6	6	6	6	5	4	3	2	1	0	0	0
60	0	0	1	3	5	7	10	11	12	12	12	11	9	7	4	3	1	0	0
50	0	1	2	5	10	19	28	32	34	34	33	31	26	16	8	4	1	0	0
40	0	1	3	7	13	29	49	62	77	87	81	66	53	31	15	7	3	1	0
30	0	1	5	11	24	46	95	197	363	428	363	205	99	41	19	8	3	1	0
20	0	1	4	11	26	53	167	482	790	916	844	595	260	71	29	11	5	1	0
10	0	1	6	14	34	91	398	849	1127	1174	1106	829	377	74	28	11	4	1	0
0	0	1	5	12	31	79	394	885	1166	1232	1200	1020	550	124	34	13	6	1	0
-10	0	1	6	14	34	97	424	875	1139	1192	1137	879	396	75	29	11	4	1	0
-20	0	1	5	11	27	57	192	534	840	987	936	668	292	73	29	11	5	1	0
-30	0	1	5	11	26	50	108	254	429	500	426	244	109	42	20	9	3	1	0
-40	0	1	3	7	14	32	53	70	92	107	97	76	57	33	16	8	3	1	0
-50	0	1	3	6	11	21	30	34	36	37	36	34	29	18	9	5	2	1	0
-60	0	1	2	3	5	8	11	13	14	14	14	13	11	8	6	3	2	1	0
-70	0	1	1	2	3	5	6	7	7	7	7	7	5	4	3	2	1	1	0
-80	0	1	1	1	1	2	2	3	3	3	3	3	2	2	1	1	1	1	0
-90	0	1	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	0

Illuminance at a distance

HEIGHT(FT)	CENTER BEAM FOOTCANDLE	BEAM SPREAD(FT)		FIELD SPREAD(FT)	
		HORIZONTAL	VERTICAL	HORIZONTAL	VERTICAL
4.00	77.00 FC	4.1	4.1	6.5	6.5
8.00	19.25 FC	8.2	8.1	12.9	13.1
12.00	8.56 FC	12.3	12.2	19.4	19.6
16.00	4.81 FC	16.4	16.2	25.9	26.1
20.00	3.08 FC	20.5	20.3	32.3	32.7
		BEAM ANGLE		FIELD ANGLE	
		54.2°	53.7°	77.9°	78.5°

Lumens per zone

ZONE	LUMENS	% TOTAL
0-10	114.1	11.5%
10-20	299.3	30.3%
20-30	318.9	32.2%
30-40	166.7	16.8%
40-50	51.6	5.2%
50-60	23.8	2.4%
60-70	10.1	1.0%
70-80	3.8	0.4%
80-90	1.0	0.1%

Flood summary

	EFFICIENCY	LUMENS	HORIZONTAL SPREAD	VERTICAL SPREAD
FIELD (10%):	90.8%	898.8	77.9	78.5
BEAM (50%):	64.4%	637.3	54.2	53.7
TOTAL:	99.8%	987.9		

LCS Table

BUG RATING	B1 - UX - G0	
FORWARD LIGHT	LUMENS	LUMENS %
LOW(0-30):	358.5	36.2%
MEDIUM(30-60):	114.3	11.6%
HIGH(60-80):	6.5	0.7%
VERY HIGH(80-90):	0.3	0%
BACK LIGHT		
LOW(0-30):	374.3	37.8%
MEDIUM(30-60):	127.8	12.9%
HIGH(60-80):	7.5	0.8%
VERY HIGH(80-90):	0.7	0.1%
TRAPPED LIGHT:	0.000	0%

PRIME

PRIME 6" LED ARCHITECTURAL

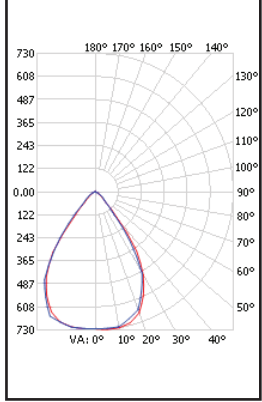
6" SQUARE FLANGELESS DOWNLIGHT

PRIME 6" DOWNLIGHT

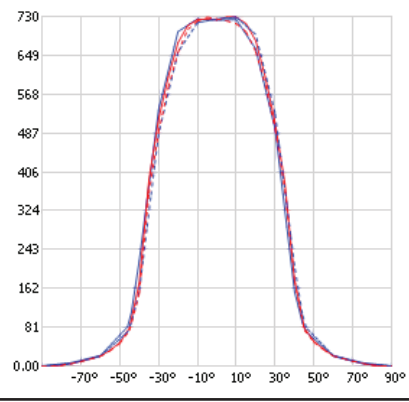
RPA6-10L-80°

Test Date 2020-02-01
 Lumens 942 lm
 Watts 11.8 W
 CCT 3000K

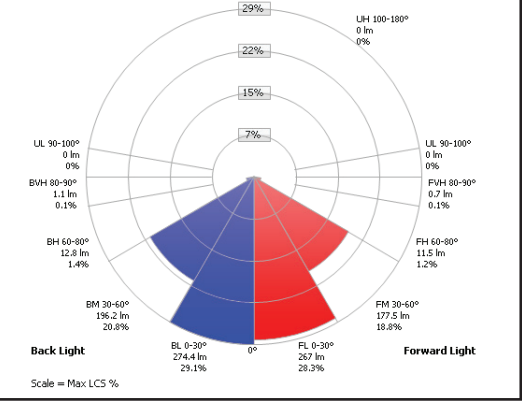
Polar candela distribution



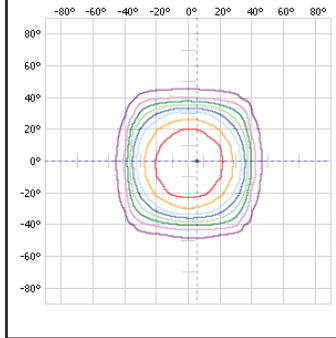
Candela distribution



LCS Graph



Isocandela plot



ZONAL LUMEN SUMMARY

ZONE	LUMENS	% LAMP	% LUMINAIRE
0-30	541.2	57.5%	57.5%
0-40	775.2	82.3%	82.4%
0-60	914.8	97.1%	97.2%
60-90	26.1	2.8%	2.8%
0-90	940.9	99.9%	100%

- Cd: 656, 90%
 - Cd: 547, 75%
 - Cd: 437, 60%
 - Cd: 364, 50%
 - Cd: 292, 40%
 - Cd: 219, 30%
 - Cd: 146, 20%
 - Cd: 73, 10%
- Point of Max Cd: 728.9

Candela table

	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90
90	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
80	0	0	0	1	1	2	2	3	3	3	3	3	3	2	1	1	0	0	0
70	0	0	1	2	4	6	8	9	10	10	10	10	8	6	4	3	1	1	0
60	0	1	2	5	9	12	17	19	21	21	21	20	17	13	9	5	2	1	0
50	0	1	3	9	15	28	41	52	56	57	55	51	42	30	16	10	4	1	0
40	0	1	6	13	22	46	102	135	152	155	142	118	91	48	24	14	6	2	0
30	0	2	7	16	33	69	255	374	462	495	461	359	244	74	37	17	8	2	0
20	0	2	9	19	42	100	385	545	637	662	641	538	364	105	45	20	10	2	0
10	0	2	10	20	46	138	480	633	705	723	714	651	471	176	50	21	10	2	0
0	0	2	10	21	49	173	516	675	724	723	729	679	508	179	51	22	11	2	0
-10	0	2	10	21	48	151	489	655	721	725	715	657	495	179	50	21	11	2	0
-20	0	2	9	19	44	113	399	574	672	699	668	574	405	107	45	20	10	2	0
-30	0	2	8	17	36	77	267	399	502	535	504	409	276	76	38	18	9	2	0
-40	0	2	6	14	25	50	117	154	192	219	213	190	149	51	25	14	7	2	0
-50	0	1	4	10	16	31	44	55	61	65	64	59	47	33	17	11	5	2	0
-60	0	1	3	6	10	14	18	21	22	22	22	21	19	14	10	7	3	1	0
-70	0	1	2	3	5	7	9	11	12	12	11	10	8	5	4	2	1	0	0
-80	0	1	1	1	2	3	3	4	5	5	5	4	3	2	2	1	1	0	0
-90	0	1	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	0

Illuminance at a distance

HEIGHT(FT)	CENTER BEAM		BEAM SPREAD(FT)		FIELD SPREAD(FT)	
	FOOTCANDLE	HORIZONTAL	HORIZONTAL	VERTICAL	HORIZONTAL	VERTICAL
4.00	45.19 FC	5.6	5.5	8.1	8.5	
8.00	11.30 FC	11.2	11.0	16.2	17.0	
12.00	5.02 FC	16.8	16.4	24.3	25.6	
16.00	2.82 FC	22.4	21.9	32.4	34.1	
20.00	1.81 FC	28.0	27.4	40.6	42.6	
		BEAM ANGLE		FIELD ANGLE		
		69.9°	68.8°	90.8°	93.6°	

Lumens per zone

ZONE	LUMENS	% TOTAL
0-10	69.1	7.3%
10-20	198.2	21.1%
20-30	273.9	29.1%
30-40	234.0	24.9%
40-50	100.8	10.7%
50-60	38.8	4.1%
60-70	17.3	1.8%
70-80	7.0	0.7%
80-90	1.8	0.2%

Flood summary

	EFFICIENCY	LUMENS	HORIZONTAL SPREAD	VERTICAL SPREAD
FIELD (10%):	92.1%	867.3	90.8	93.6
BEAM (50%):	73.4%	691.5	69.9	68.8
TOTAL:	99.8%	939.9		

LCS Table

BUG RATING	B1 - UX - G0	
FORWARD LIGHT	LUMENS	LUMENS %
LOW(0-30):	267.0	28.3%
MEDIUM(30-60):	177.6	18.8%
HIGH(60-80):	11.5	1.2%
VERY HIGH(80-90):	0.7	0.1%
BACK LIGHT		
LOW(0-30):	274.4	29.1%
MEDIUM(30-60):	196.2	20.8%
HIGH(60-80):	12.8	1.4%
VERY HIGH(80-90):	1.1	0.1%
TRAPPED LIGHT:	0.8	0.1%

PRIME

PRIME 6" LED ARCHITECTURAL

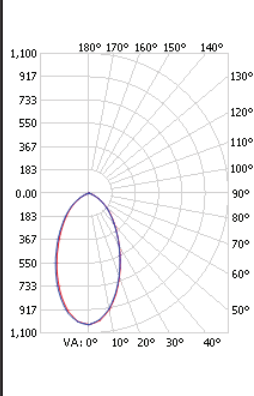
6" SQUARE FLANGELESS DOWNLIGHT

PRIME 6" DOWNLIGHT

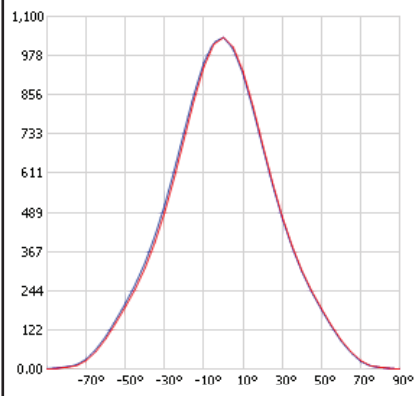
RPA6-13L-18°

Test Date 2020-02-01
 Lumens 1260.2 lm
 Watts 16.01 W
 CCT 3000K

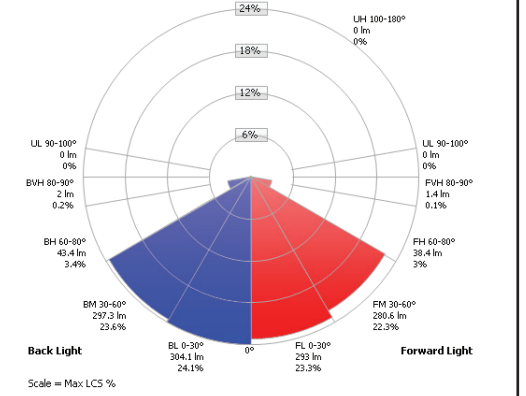
Polar candela distribution



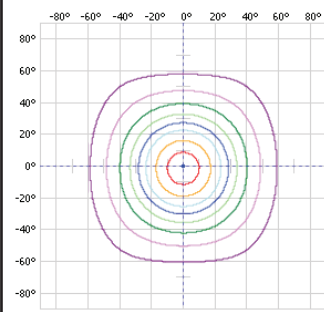
Candela distribution



LCS Graph



Isocandela plot



ZONAL LUMEN SUMMARY			
ZONE	LUMENS	% LAMP	% LUMINAIRE
0-30	596.8	47.4%	47.4%
0-40	844.6	67%	67%
0-60	1,174.5	93.2%	93.2%
60-90	85.3	6.8%	6.8%
0-90	1,259.8	100%	100%

- Cd: 931, 90%
 - Cd: 776, 75%
 - Cd: 621, 60%
 - Cd: 517, 50%
 - Cd: 414, 40%
 - Cd: 310, 30%
 - Cd: 207, 20%
 - Cd: 103, 10%
- Point of Max Cd: 1,034.8

Candela table

	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90
90	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
80	0	1	2	2	3	4	5	6	6	6	5	5	4	3	2	2	1	0	0
70	0	2	4	6	8	13	19	23	24	25	24	23	19	13	8	6	4	2	0
60	0	2	6	11	26	50	71	82	87	88	87	81	70	49	27	11	6	2	0
50	0	3	8	25	63	108	141	166	181	186	180	164	139	105	61	25	8	3	0
40	0	4	11	44	102	161	213	260	293	305	291	256	209	157	98	43	11	4	0
30	0	5	17	63	138	213	294	378	447	472	442	371	288	208	133	62	16	5	0
20	0	5	22	80	167	262	381	521	646	694	637	510	372	255	161	78	21	5	0
10	0	6	26	91	187	300	456	656	845	921	832	639	443	292	181	88	25	6	0
0	0	6	27	95	195	316	490	720	944	1035	929	701	476	308	189	92	27	6	0
-10	0	6	26	92	189	304	466	676	875	957	863	659	454	297	183	89	25	6	0
-20	0	6	23	82	171	269	397	549	687	742	680	538	388	264	166	79	22	5	0
-30	0	5	18	66	143	221	310	404	482	512	478	398	305	218	138	65	17	5	0
-40	0	5	12	46	108	169	226	279	318	333	317	277	224	167	104	46	12	5	0
-50	0	4	8	27	68	117	153	181	200	206	199	180	152	115	67	27	8	4	0
-60	0	3	7	13	31	59	82	94	101	103	101	94	81	57	31	12	7	3	0
-70	0	2	4	7	10	17	24	29	31	31	31	29	24	17	10	7	4	2	1
-80	1	2	2	3	4	5	6	7	7	7	7	7	6	5	4	3	2	2	1
-90	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1

Illuminance at a distance

HEIGHT(FT)	CENTER BEAM		BEAM SPREAD(FT)		FIELD SPREAD(FT)	
	FOOTCANDLE	HORIZONTAL	HORIZONTAL	VERTICAL	HORIZONTAL	VERTICAL
4.00	64.67 FC	4.3	4.4	13.3	13.4	
8.00	16.17 FC	8.7	8.8	26.6	26.8	
12.00	7.19 FC	13.0	13.2	39.9	40.2	
16.00	4.04 FC	17.3	17.6	53.2	53.6	
20.00	2.59 FC	21.6	22.0	66.4	67.0	
		BEAM ANGLE		FIELD ANGLE		
		56.8°	57.6°	117.9°	118.3°	

Lumens per zone

ZONE	LUMENS	% TOTAL
0-10	93.2	7.4%
10-20	230.7	18.3%
20-30	272.9	21.7%
30-40	247.8	19.7%
40-50	196.0	15.6%
50-60	134.0	10.6%
60-70	65.2	5.2%
70-80	16.7	1.3%
80-90	3.4	0.3%

Flood summary

	EFFICIENCY	LUMENS	HORIZONTAL SPREAD	VERTICAL SPREAD
FIELD (10%):	93.3%	1,176.3	117.9	118.3
BEAM (50%):	44.6%	561.6	56.8	57.6
TOTAL:	99.9%	1,258.6		

LCS Table

BUG RATING	B1 - UX - G0	
FORWARD LIGHT	LUMENS	LUMENS %
LOW(0-30):	293.0	23.3%
MEDIUM(30-60):	280.6	22.3%
HIGH(60-80):	38.4	3%
VERY HIGH(80-90):	1.4	0.1%
BACK LIGHT		
LOW(0-30):	304.1	24.1%
MEDIUM(30-60):	297.3	23.6%
HIGH(60-80):	43.4	3.4%
VERY HIGH(80-90):	2.0	0.2%
TRAPPED LIGHT:	0.000	0%

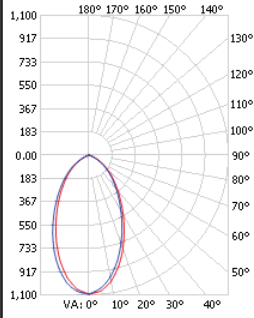
PRIME

PRIME 6" LED ARCHITECTURAL

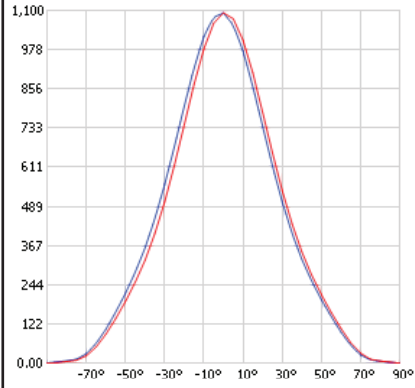
RPA6-13L-30°

Test Date 2020-02-01
 Lumens 1345.3 lm
 Watts 16.00 W
 CCT 3000K

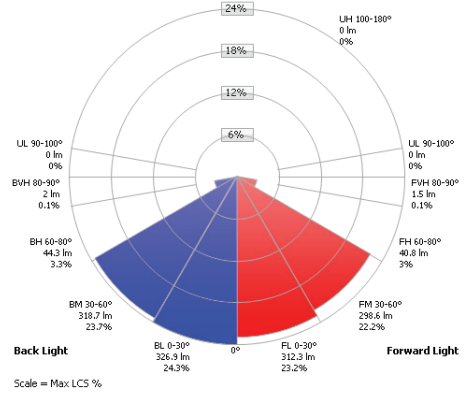
Polar candela distribution



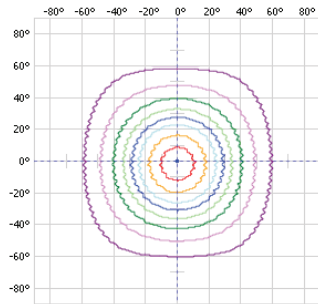
Candela distribution



LCS Graph



Isocandela plot



ZONAL LUMEN SUMMARY

ZONE	LUMENS	% LAMP	% LUMINAIRE
0-30	638.9	47.5%	47.5%
0-40	905.3	67.3%	67.3%
0-60	1,256.0	93.4%	93.4%
60-90	88.6	6.6%	6.6%
0-90	1,344.6	99.9%	100%

- Cd: 984, 90%
 - Cd: 820, 75%
 - Cd: 656, 60%
 - Cd: 547, 50%
 - Cd: 437, 40%
 - Cd: 328, 30%
 - Cd: 219, 20%
 - Cd: 109, 10%
- Point of Max Cd: 1,093.2

Candela table

	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90
90	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
80	0	0	1	2	3	4	5	6	6	6	6	6	5	4	3	3	2	1	0
70	0	2	4	6	9	14	21	24	26	26	25	23	19	13	8	6	3	1	0
60	0	2	6	10	26	53	76	88	95	97	95	89	78	57	30	12	6	3	0
50	0	4	9	28	71	118	152	178	194	198	190	172	145	109	61	22	7	3	0
40	0	4	10	40	99	162	218	269	308	324	312	276	227	173	113	50	13	5	0
30	0	6	19	72	151	232	319	410	481	503	466	388	298	214	135	58	13	4	0
20	0	5	18	75	164	265	391	540	677	739	692	563	413	285	182	91	25	6	0
10	0	7	31	104	206	333	507	723	911	974	870	666	460	301	183	85	21	5	0
0	0	5	23	90	193	321	503	744	981	1093	1008	783	539	348	214	108	31	7	0
-10	0	7	31	106	210	340	522	750	951	1019	908	691	474	307	186	86	21	5	0
-20	0	5	19	77	169	275	411	576	731	802	749	604	437	296	187	93	26	6	0
-30	0	6	20	76	157	244	341	446	530	557	514	422	319	225	140	60	14	5	0
-40	0	4	10	43	106	172	234	293	340	360	346	303	246	184	118	52	13	5	0
-50	0	4	9	31	77	126	163	193	212	218	210	188	157	117	65	24	8	4	0
-60	0	3	6	11	29	58	82	95	103	106	105	99	87	64	34	13	7	4	1
-70	1	2	5	7	10	17	24	28	29	30	29	28	23	15	9	7	4	2	1
-80	1	1	2	3	4	5	6	7	7	7	7	7	6	5	5	4	3	2	1
-90	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1

Illuminance at a distance

HEIGHT(FT)	CENTER BEAM		BEAM SPREAD(FT)		FIELD SPREAD(FT)	
	FOOTCANDLE	HORIZONTAL	HORIZONTAL	VERTICAL	HORIZONTAL	VERTICAL
4.00	68.33 FC	4.4	4.5	13.3	13.4	
8.00	17.08 FC	8.8	9.0	26.6	26.8	
12.00	7.59 FC	13.2	13.5	39.9	40.3	
16.00	4.27 FC	17.7	18.0	53.2	53.7	
20.00	2.73 FC	22.1	22.4	66.4	67.1	
		BEAM ANGLE		FIELD ANGLE		
		57.8°	58.6°	117.9°	118.4°	

Lumens per zone

ZONE	LUMENS	% TOTAL
0-10	98.7	7.3%
10-20	246.4	18.3%
20-30	293.8	21.8%
30-40	266.4	19.8%
40-50	209.0	15.5%
50-60	141.8	10.5%
60-70	68.3	5.1%
70-80	16.8	1.2%
80-90	3.5	0.3%

Flood summary

	EFFICIENCY	LUMENS	HORIZONTAL SPREAD	VERTICAL SPREAD
FIELD (10%):	93.5%	1,257.7	117.9	118.4
BEAM (50%):	45.9%	617.0	57.8	58.6
TOTAL:	99.8%	1,343.3		

LCS Table

BUG RATING	B1 - UX - G0	
FORWARD LIGHT	LUMENS	LUMENS %
LOW(0-30):	312.3	23.2%
MEDIUM(30-60):	298.6	22.2%
HIGH(60-80):	40.8	3%
VERY HIGH(80-90):	1.5	0.1%
BACK LIGHT		
LOW(0-30):	326.9	24.3%
MEDIUM(30-60):	318.7	23.7%
HIGH(60-80):	44.3	3.3%
VERY HIGH(80-90):	2.0	0.1%
TRAPPED LIGHT:	0.2	0%

PRIME

PRIME 6" LED ARCHITECTURAL

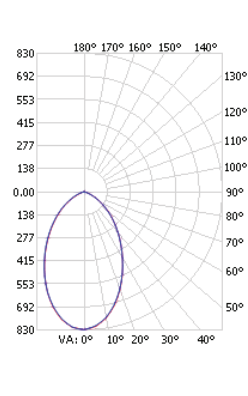
6" SQUARE FLANGELESS DOWNLIGHT

PRIME 6" DOWNLIGHT

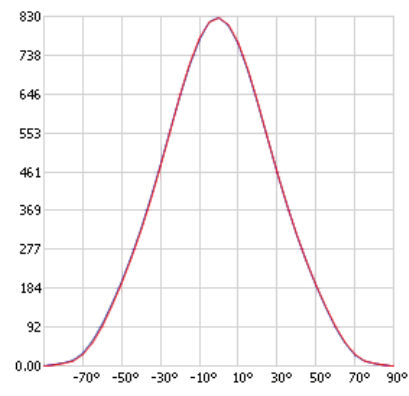
RPA6-13L-60°

Test Date 2020-02-01
 Lumens 1192.2 lm
 Watts 16.00 W
 CCT 3000K

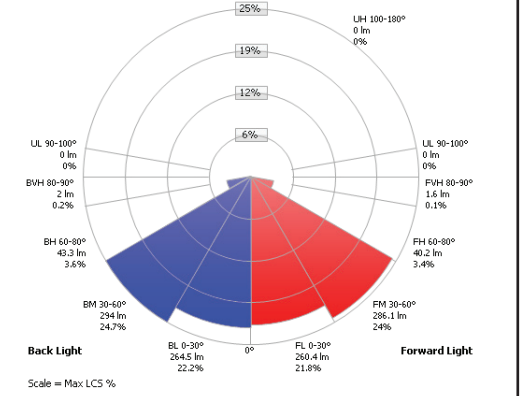
Polar candela distribution



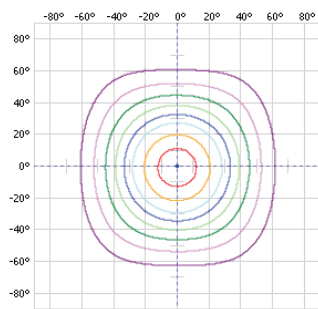
Candela distribution



LCS Graph



Isocandela plot



ZONAL LUMEN SUMMARY

ZONE	LUMENS	% LAMP	% LUMINAIRE
0-30	524.7	44%	44%
0-40	769.1	64.5%	64.5%
0-60	1,104.6	92.7%	92.7%
60-90	87.1	7.3%	7.3%
0-90	1,191.7	100%	100%

- Cd: 744, 90%
 - Cd: 620, 75%
 - Cd: 496, 60%
 - Cd: 414, 50%
 - Cd: 331, 40%
 - Cd: 248, 30%
 - Cd: 165, 20%
 - Cd: 83, 10%
- Point of Max Cd: 827.2

Candela table

	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90
90	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
80	0	1	2	3	4	4	5	6	6	6	6	6	5	5	4	3	2	1	0
70	0	2	4	6	9	14	21	25	26	27	26	24	20	15	9	7	4	2	0
60	0	3	6	12	28	52	74	86	91	92	90	84	72	52	29	12	7	3	0
50	0	4	9	25	63	110	147	173	187	191	185	170	144	109	64	26	9	4	0
40	0	5	13	44	102	167	224	271	302	313	299	266	220	165	103	46	13	5	0
30	0	5	18	63	139	222	305	382	440	460	435	374	297	217	138	65	18	5	0
20	0	6	23	79	169	271	385	501	592	624	584	489	374	264	166	80	23	6	0
10	0	6	26	90	190	308	449	600	721	765	711	584	435	299	185	91	27	6	0
0	0	6	28	95	198	323	476	643	778	827	767	626	460	313	193	95	28	7	0
-10	0	6	26	91	190	309	451	605	729	774	719	588	436	298	184	91	27	6	0
-20	0	6	23	81	171	275	391	513	608	642	600	500	380	266	166	81	23	6	0
-30	0	5	18	65	142	226	313	395	457	478	452	387	305	220	139	65	19	6	0
-40	0	5	13	46	107	172	231	281	315	327	313	277	227	168	105	47	13	5	0
-50	0	4	9	27	67	114	153	180	196	201	196	179	151	113	67	28	9	4	0
-60	0	3	7	13	31	57	79	92	98	101	99	93	80	58	32	14	7	3	0
-70	0	2	5	7	10	17	24	28	31	31	31	29	25	17	11	7	5	2	0
-80	0	1	2	3	4	5	7	7	7	8	8	7	7	6	5	4	2	1	1
-90	1	1	1	1	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1

Illuminance at a distance

HEIGHT(FT)	CENTER BEAM		BEAM SPREAD(FT)		FIELD SPREAD(FT)	
	FOOTCANDLE	HORIZONTAL	HORIZONTAL	VERTICAL	HORIZONTAL	VERTICAL
4.00	51.70 FC	5.3	5.3	14.8	14.9	
8.00	12.92 FC	10.6	10.6	29.5	29.8	
12.00	5.74 FC	15.9	15.9	44.3	44.7	
16.00	3.23 FC	21.2	21.2	59.1	59.6	
20.00	2.07 FC	26.5	26.5	73.8	74.4	
		BEAM ANGLE		FIELD ANGLE		
		67.0°	67.1°	123.1°	123.5°	

Lumens per zone

ZONE	LUMENS	% TOTAL
0-10	75.8	6.4%
10-20	197.2	16.5%
20-30	251.7	21.1%
30-40	244.4	20.5%
40-50	199.6	16.8%
50-60	135.9	11.4%
60-70	65.8	5.5%
70-80	17.6	1.5%
80-90	3.6	0.3%

Flood summary

	EFFICIENCY	LUMENS	HORIZONTAL SPREAD	VERTICAL SPREAD
FIELD (10%):	94.6%	1,128.2	123.1	123.5
BEAM (50%):	51.4%	612.7	67	67.1
TOTAL:	99.9%	1,190.6		

LCS Table

BUG RATING	B1 - UX - G0	
FORWARD LIGHT	LUMENS	LUMENS %
LOW(0-30):	260.4	21.8%
MEDIUM(30-60):	286.1	24%
HIGH(60-80):	40.2	3.4%
VERY HIGH(80-90):	1.6	0.1%
BACK LIGHT		
LOW(0-30):	264.5	22.2%
MEDIUM(30-60):	294.0	24.7%
HIGH(60-80):	43.3	3.6%
VERY HIGH(80-90):	2.0	0.2%
TRAPPED LIGHT:	0.2	0%

PRIME

PRIME 6" LED ARCHITECTURAL

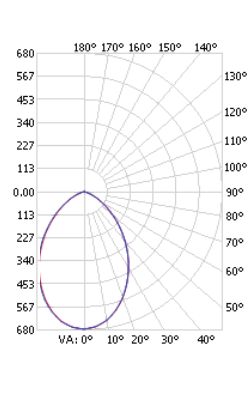
6" SQUARE FLANGELESS DOWNLIGHT

PRIME 6" DOWNLIGHT

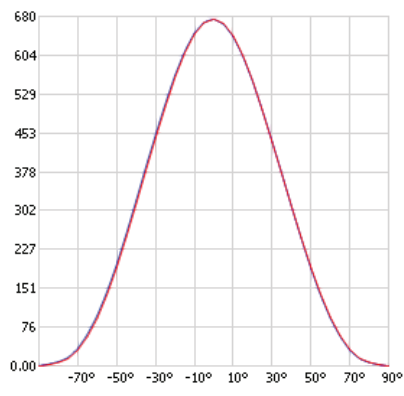
RPA6-13L-80°

Test Date 2020-02-01
 Lumens 1128.3 lm
 Watts 16.00 W
 CCT 3000K

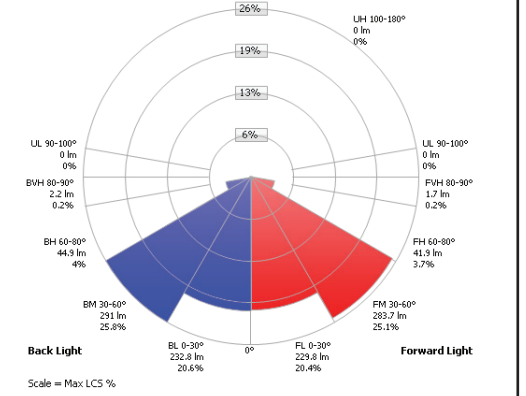
Polar candela distribution



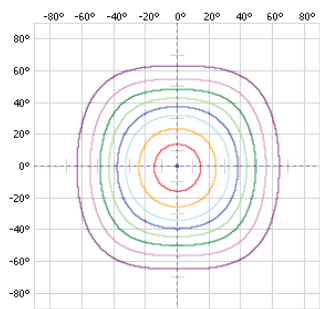
Candela distribution



LCS Graph



Isocandela plot



ZONAL LUMEN SUMMARY

ZONE	LUMENS	% LAMP	% LUMINAIRE
0-30	462.4	41%	41%
0-40	700.2	62.1%	62.1%
0-60	1,037.0	91.9%	92%
60-90	90.8	8%	8%
0-90	1,127.8	100%	100%

- Cd: 608, 90%
 - Cd: 506, 75%
 - Cd: 405, 60%
 - Cd: 338, 50%
 - Cd: 270, 40%
 - Cd: 203, 30%
 - Cd: 135, 20%
 - Cd: 68, 10%
- Point of Max Cd: 675.2

Candela table

	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90	
90	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
80	0	1	2	3	4	5	6	7	7	7	7	7	6	5	4	3	2	1	0	
70	0	2	4	7	11	16	23	28	30	31	30	28	23	17	11	7	4	2	0	
60	0	3	7	14	30	51	72	86	91	93	91	86	73	52	31	15	7	3	0	
50	0	4	10	28	63	108	148	173	186	190	185	172	147	108	64	29	10	4	0	
40	0	5	15	47	101	169	230	274	301	310	299	271	227	168	103	48	16	5	0	
30	0	6	21	65	138	225	309	376	421	436	418	370	303	222	138	67	22	6	0	
20	0	7	26	80	166	271	377	468	532	554	528	460	369	267	166	82	27	7	0	
10	0	7	30	90	185	303	425	535	613	641	609	527	417	298	184	92	31	7	0	
0	0	7	31	93	192	315	444	561	646	675	642	554	436	310	191	95	32	7	0	
-10	0	7	30	90	186	305	428	540	620	648	616	533	421	300	185	92	31	7	0	
-20	0	7	27	81	168	274	382	475	543	566	540	470	377	271	168	83	28	7	0	
-30	0	6	22	67	140	229	315	385	433	450	431	382	312	227	141	69	23	6	0	
-40	0	5	16	49	105	174	236	283	312	322	312	281	235	173	106	50	17	6	0	
-50	0	4	11	30	66	112	153	180	194	199	194	180	154	113	68	32	11	5	0	
-60	0	3	8	16	33	56	78	92	98	99	98	93	79	57	34	17	8	3	0	
-70	0	2	5	8	12	19	26	32	34	35	34	32	27	20	13	8	5	2	0	
-80	0	1	2	4	5	6	7	8	8	8	8	7	6	5	4	2	1	0	0	
-90	0	1	1	1	1	1	0	0	0	1	1	1	1	1	1	0	0	1	1	0

Illuminance at a distance

HEIGHT(FT)	CENTER BEAM		BEAM SPREAD(FT)		FIELD SPREAD(FT)	
	FOOTCANDLE	HORIZONTAL	HORIZONTAL	VERTICAL	HORIZONTAL	VERTICAL
4.00	42.20 FC	6.3	6.3	16.2	16.4	
8.00	10.55 FC	12.5	12.7	32.4	32.7	
12.00	4.69 FC	18.8	19.0	48.7	49.1	
16.00	2.64 FC	25.1	25.3	64.9	65.5	
20.00	1.69 FC	31.3	31.6	81.1	81.8	
		BEAM ANGLE		FIELD ANGLE		
		76.2°		127.5°		127.9°

Lumens per zone

ZONE	LUMENS	% TOTAL
0-10	62.7	5.6%
10-20	169.6	15.0%
20-30	230.2	20.4%
30-40	237.8	21.1%
40-50	200.7	17.8%
50-60	136.1	12.1%
60-70	66.9	5.9%
70-80	19.9	1.8%
80-90	3.9	0.3%

Flood summary

	EFFICIENCY	LUMENS	HORIZONTAL SPREAD	VERTICAL SPREAD
FIELD (10%):	95.5%	1,077.0	127.5	127.9
BEAM (50%):	59.4%	669.7	76.2	76.7
TOTAL:	99.9%	1,126.8		

LCS Table

BUG RATING	B1 - UX - G0	
FORWARD LIGHT	LUMENS	LUMENS %
LOW(0-30):	229.8	20.4%
MEDIUM(30-60):	283.7	25.1%
HIGH(60-80):	41.9	3.7%
VERY HIGH(80-90):	1.7	0.2%
BACK LIGHT		
LOW(0-30):	232.8	20.6%
MEDIUM(30-60):	291.0	25.8%
HIGH(60-80):	44.9	4%
VERY HIGH(80-90):	2.2	0.2%
TRAPPED LIGHT:	0.2	0%

PRIME

PRIME 6" LED ARCHITECTURAL

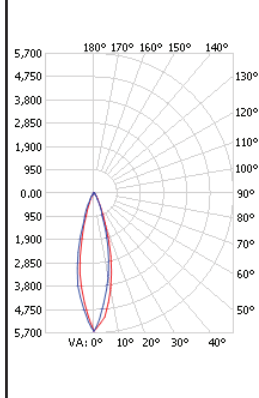
6" SQUARE FLANGELESS DOWNLIGHT

PRIME 6" DOWNLIGHT

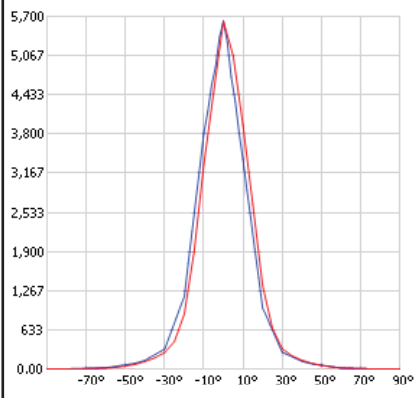
RPA6-16L-18°

Test Date 2020-02-01
 Lumens 1561.9 lm
 Watts 20.62 W
 CCT 3000K

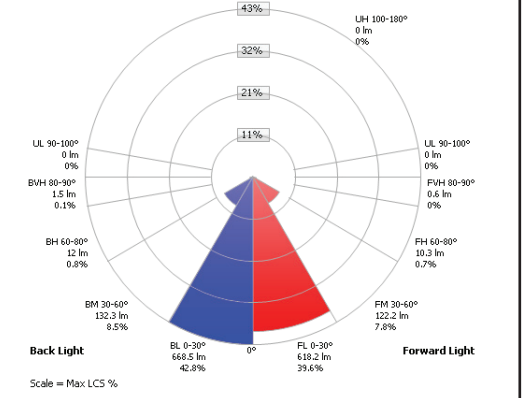
Polar candela distribution



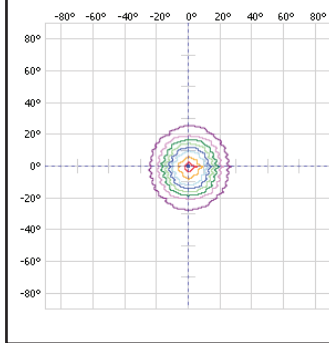
Candela distribution



LCS Graph



Isocandela plot



ZONAL LUMEN SUMMARY

ZONE	LUMENS	% LAMP	% LUMINAIRE
0-30	1,284.0	82.2%	82.2%
0-40	1,418.0	90.8%	90.7%
0-60	1,538.5	98.5%	98.4%
60-90	24.4	1.6%	1.6%
0-90	1,562.9	100.1%	100%

- Cd: 5,064, 90%
 - Cd: 4,220, 75%
 - Cd: 3,376, 60%
 - Cd: 2,813, 50%
 - Cd: 2,250, 40%
 - Cd: 1,688, 30%
 - Cd: 1,125, 20%
 - Cd: 563, 10%
- Point of Max Cd: 5,626.2

Candela table

	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90
90	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
80	0	0	0	1	1	2	2	3	3	3	3	3	2	2	1	1	1	0	0
70	0	0	1	2	4	5	7	9	9	9	9	8	7	5	4	2	1	0	0
60	0	0	2	4	7	10	14	17	19	19	19	18	15	11	8	5	2	1	0
50	0	1	3	8	14	29	49	57	62	63	61	56	46	27	13	7	3	1	0
40	0	1	4	10	19	46	92	112	123	128	124	114	97	55	23	12	6	2	0
30	0	2	7	15	35	85	145	192	246	273	239	181	136	76	30	14	6	1	0
20	0	1	7	16	38	97	180	316	660	988	795	381	200	114	50	18	8	2	0
10	0	2	9	19	54	134	274	811	2430	3383	2273	701	240	116	48	18	8	2	0
0	0	1	8	18	48	123	269	892	3312	5626	3941	1355	333	145	59	21	10	2	0
-10	0	2	9	20	55	138	279	857	2776	3820	2527	764	254	118	48	18	8	2	0
-20	0	1	7	16	40	101	189	345	782	1172	902	430	217	117	50	18	9	2	0
-30	0	2	7	16	37	91	153	211	291	324	276	204	146	78	31	14	6	1	0
-40	0	1	4	11	20	49	97	120	136	144	140	128	106	58	24	13	6	2	0
-50	0	1	4	9	15	31	52	62	68	70	68	63	52	29	14	8	4	1	0
-60	0	1	2	5	8	12	16	19	20	21	21	20	18	13	10	6	3	2	0
-70	1	2	2	4	5	7	10	11	12	12	12	11	10	7	6	4	3	2	1
-80	1	2	2	2	3	3	4	5	5	6	6	5	5	4	3	3	2	2	1
-90	1	1	1	1	1	1	1	1	1	2	2	2	2	1	1	1	1	1	1

Illuminance at a distance

HEIGHT(FT)	CENTER BEAM		BEAM SPREAD(FT)		FIELD SPREAD(FT)	
	FOOTCANDLE		HORIZONTAL	VERTICAL	HORIZONTAL	VERTICAL
4.00	351.64 FC		1.9	1.9	3.7	4.0
8.00	87.91 FC		3.7	3.7	7.5	8.0
12.00	39.07 FC		5.6	5.6	11.2	12.0
16.00	21.98 FC		7.4	7.4	15.0	16.0
20.00	14.07 FC		9.3	9.3	18.7	20.0
			BEAM ANGLE		FIELD ANGLE	
			26.2°		50.2° 53.2°	

Lumens per zone

ZONE	LUMENS	% TOTAL
0-10	396.7	25.4%
10-20	601.4	38.5%
20-30	285.9	18.3%
30-40	134.0	8.6%
40-50	80.1	5.1%
50-60	40.3	2.6%
60-70	15.9	1.0%
70-80	6.4	0.4%
80-90	2.1	0.1%

Flood summary

	EFFICIENCY	LUMENS	HORIZONTAL SPREAD	VERTICAL SPREAD
FIELD (10%):	76%	1,186.7	50.2	53.2
BEAM (50%):	35.9%	560.3	26.2	26.1
TOTAL:	99.8%	1,559.0		

LCS Table

BUG RATING	B2 - UX - G0	
FORWARD LIGHT	LUMENS	LUMENS %
LOW(0-30):	618.2	39.6%
MEDIUM(30-60):	122.2	7.8%
HIGH(60-80):	10.3	0.7%
VERY HIGH(80-90):	0.6	0%
BACK LIGHT		
LOW(0-30):	668.5	42.8%
MEDIUM(30-60):	132.3	8.5%
HIGH(60-80):	12.0	0.8%
VERY HIGH(80-90):	1.5	0.1%
TRAPPED LIGHT:	0.000	0%

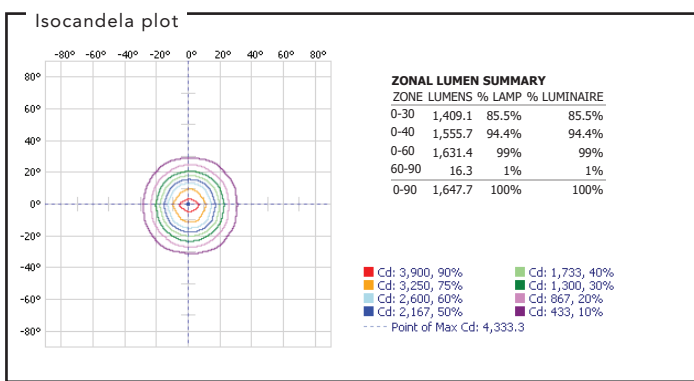
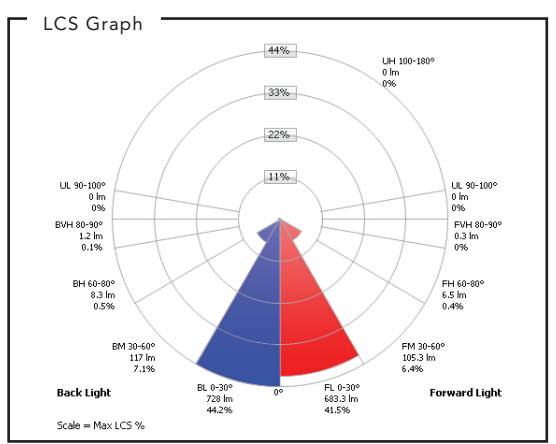
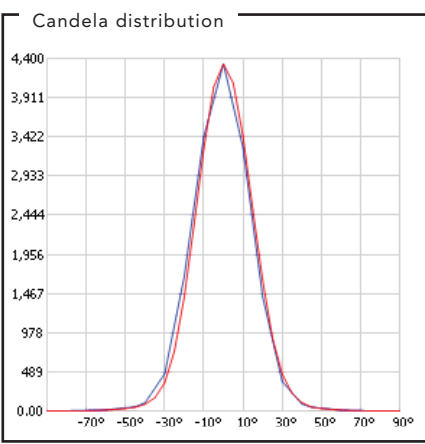
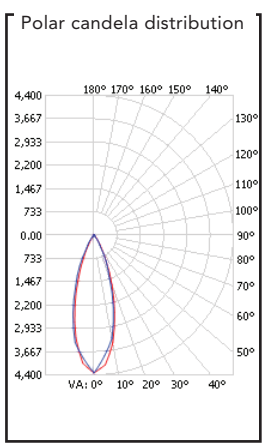
PRIME

PRIME 6" LED ARCHITECTURAL

6" SQUARE FLANGELESS DOWNLIGHT

PRIME 6" DOWNLIGHT

RPA6-16L-30°
 Test Date 2020-02-01
 Lumens 1647.3 lm
 Watts 20.62 W
 CCT 3000K



Candela table

	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90
90	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
80	0	0	0	0	1	1	1	1	2	2	2	2	1	1	1	1	0	0	0
70	0	0	0	1	2	3	4	5	6	6	6	6	5	4	3	2	1	0	0
60	0	0	1	3	4	7	10	12	13	13	12	12	9	7	4	2	1	0	0
50	0	0	2	5	9	18	29	35	36	37	36	33	28	18	9	5	2	0	0
40	0	1	3	7	15	31	55	68	82	90	85	70	55	31	14	7	3	1	0
30	0	1	4	9	22	46	86	155	288	370	312	181	98	47	22	9	4	1	0
20	0	1	5	12	28	60	153	470	1074	1430	1156	556	196	66	28	11	4	1	0
10	0	1	5	13	32	77	266	1050	2436	3288	2594	1263	380	96	32	12	5	1	0
0	0	1	5	13	34	86	354	1428	3282	4333	3434	1639	464	107	33	13	5	1	0
-10	0	1	5	13	32	79	293	1140	2556	3430	2808	1354	396	96	32	12	5	1	0
-20	0	1	5	12	29	64	168	546	1255	1683	1344	650	212	62	28	11	4	1	0
-30	0	1	4	10	23	47	91	177	348	467	394	222	103	46	22	10	4	1	0
-40	0	1	3	7	16	32	56	71	92	106	98	77	57	32	15	7	3	1	0
-50	0	1	2	5	10	20	30	36	38	40	39	37	31	20	10	6	3	1	0
-60	0	1	2	4	6	9	12	14	15	15	16	15	12	9	6	4	2	1	0
-70	1	1	2	3	4	5	7	8	9	9	9	8	7	5	4	3	2	2	1
-80	1	1	2	2	2	3	3	4	4	4	4	4	4	3	2	2	2	2	1
-90	1	1	1	1	1	1	1	1	1	1	2	2	2	1	1	1	1	1	1

Illuminance at a distance

HEIGHT(FT)	CENTER BEAM FOOTCANDLE	BEAM SPREAD(FT)		FIELD SPREAD(FT)	
		HORIZONTAL	VERTICAL	HORIZONTAL	VERTICAL
4.00	270.83 FC	2.4	2.4	4.6	4.6
8.00	67.71 FC	4.7	4.8	9.2	9.3
12.00	30.09 FC	7.1	7.2	13.7	13.9
16.00	16.93 FC	9.4	9.6	18.3	18.6
20.00	10.83 FC	11.8	11.9	22.9	23.2
		BEAM ANGLE		FIELD ANGLE	
		32.9° 33.3°		59.6° 60.3°	

Lumens per zone

ZONE	LUMENS	% TOTAL
0-10	347.6	21.1%
10-20	649.2	39.4%
20-30	412.3	25.0%
30-40	146.6	8.9%
40-50	51.0	3.1%
50-60	24.7	1.5%
60-70	10.6	0.6%
70-80	4.2	0.3%
80-90	1.5	0.1%

Flood summary

	EFFICIENCY	LUMENS	HORIZONTAL SPREAD	VERTICAL SPREAD
FIELD (10%):	85.7%	1,411.1	59.6	60.3
BEAM (50%):	45.4%	747.6	32.9	33.3
TOTAL:	99.8%	1,644.5		

LCS Table

BUG RATING	B2 - UX - G0	
FORWARD LIGHT	LUMENS	LUMENS %
LOW(0-30):	683.3	41.5%
MEDIUM(30-60):	105.3	6.4%
HIGH(60-80):	6.5	0.4%
VERY HIGH(80-90):	0.3	0%
BACK LIGHT		
LOW(0-30):	728.0	44.2%
MEDIUM(30-60):	117.0	7.1%
HIGH(60-80):	8.3	0.5%
VERY HIGH(80-90):	1.2	0.1%
TRAPPED LIGHT:	0.000	0%

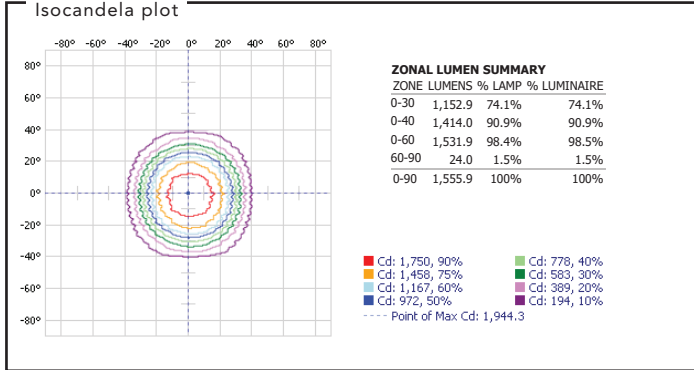
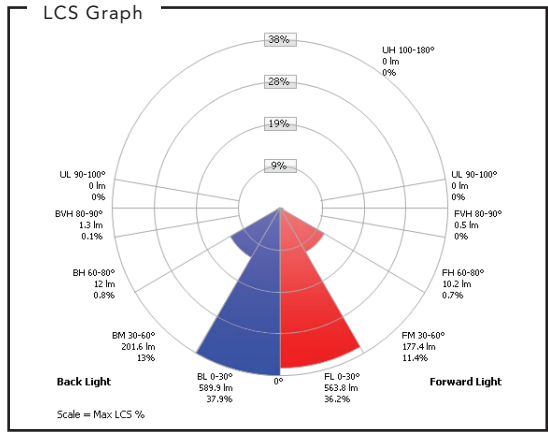
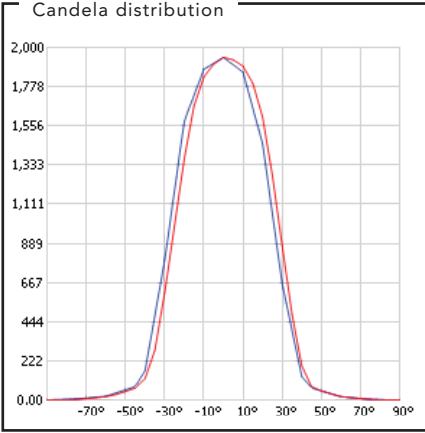
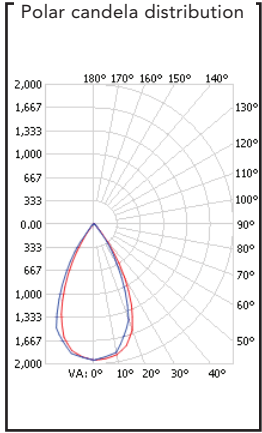
RPA6-16L-60°

Test Date 2020-02-01

Lumens 1556.2 lm

Watts 20.62 W

CCT 3000K



Candela table

	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90
90	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
80	0	0	0	1	1	2	2	2	3	3	3	2	2	1	1	1	1	0	0
70	0	0	1	2	4	6	7	9	9	9	9	8	6	5	3	2	1	0	0
60	0	0	2	4	7	11	15	18	19	19	19	18	15	11	7	4	2	1	0
50	0	1	4	9	15	29	44	50	52	53	51	48	39	25	12	7	2	1	0
40	0	1	5	11	21	45	76	97	118	133	123	101	80	48	23	11	5	1	0
30	0	2	7	17	38	73	149	309	566	662	554	307	149	64	30	13	5	1	0
20	0	1	7	17	41	82	261	755	1232	1453	1331	928	405	109	45	18	8	2	0
10	0	2	10	22	53	141	627	1332	1772	1861	1750	1298	599	115	44	17	7	1	0
0	0	2	8	20	49	122	610	1370	1834	1944	1895	1606	876	195	52	20	9	2	0
-10	0	2	10	22	54	148	663	1362	1793	1878	1791	1378	630	117	44	17	7	1	0
-20	0	2	7	18	43	88	305	825	1328	1580	1488	1053	468	115	46	18	8	2	0
-30	0	2	8	17	42	79	171	395	669	797	681	397	176	65	31	13	5	1	0
-40	0	1	5	12	23	50	83	107	141	168	154	123	91	52	25	12	5	2	0
-50	0	2	5	10	17	33	48	54	57	59	58	54	46	28	14	8	3	1	0
-60	0	1	3	6	9	13	17	20	22	22	22	21	17	13	9	6	3	2	0
-70	1	1	2	4	5	7	10	11	12	12	12	11	9	7	5	3	2	1	1
-80	1	1	1	2	2	3	4	4	5	5	5	5	4	3	3	2	2	1	1
-90	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1

Illuminance at a distance

HEIGHT(FT)	CENTER BEAM FOOTCANDLE	BEAM SPREAD(FT)		FIELD SPREAD(FT)	
		HORIZONTAL	VERTICAL	HORIZONTAL	VERTICAL
4.00	121.52 FC	4.1	4.1	6.5	6.5
8.00	30.38 FC	8.1	8.1	12.9	13.0
12.00	13.50 FC	12.2	12.2	19.4	19.6
16.00	7.59 FC	16.3	16.2	25.8	26.1
20.00	4.86 FC	20.4	20.3	32.3	32.6
		BEAM ANGLE		FIELD ANGLE	
		54.0° 53.8°		77.8° 78.4°	

Lumens per zone

ZONE	LUMENS	% TOTAL
0-10	180.0	11.6%
10-20	471.8	30.3%
20-30	501.2	32.2%
30-40	261.1	16.8%
40-50	80.6	5.2%
50-60	37.2	2.4%
60-70	16.0	1.0%
70-80	6.2	0.4%
80-90	1.8	0.1%

Flood summary

	EFFICIENCY	LUMENS	HORIZONTAL SPREAD	VERTICAL SPREAD
FIELD (10%):	90.8%	1,413.4	77.8	78.4
BEAM (50%):	64.3%	1,001.3	54	53.8
TOTAL:	99.8%	1,553.6		

LCS Table

BUG RATING	B2 - UX - G0	
FORWARD LIGHT	LUMENS	LUMENS %
LOW(0-30):	563.8	36.2%
MEDIUM(30-60):	177.4	11.4%
HIGH(60-80):	10.2	0.7%
VERY HIGH(80-90):	0.5	0%
BACK LIGHT		
LOW(0-30):	589.9	37.9%
MEDIUM(30-60):	201.6	13%
HIGH(60-80):	12.0	0.8%
VERY HIGH(80-90):	1.3	0.1%
TRAPPED LIGHT:	0.000	0%

PRIME

PRIME 6" LED ARCHITECTURAL

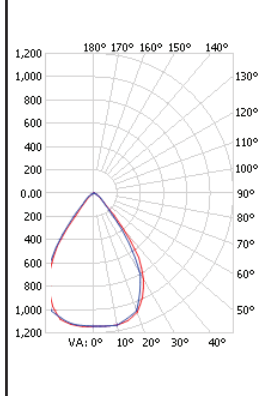
6" SQUARE FLANGELESS DOWNLIGHT

PRIME 6" DOWNLIGHT

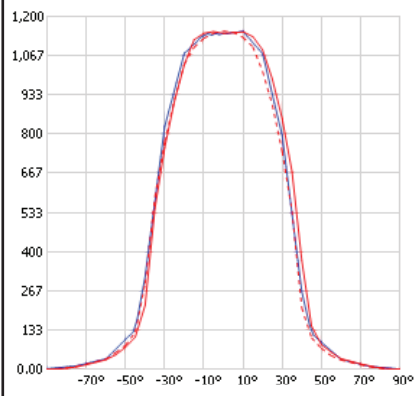
RPA6-16L-80°

Test Date 2020-02-01
 Lumens 1484.4 lm
 Watts 20.62 W
 CCT 3000K

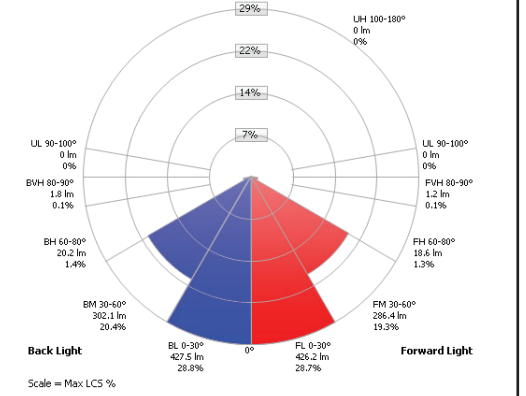
Polar candela distribution



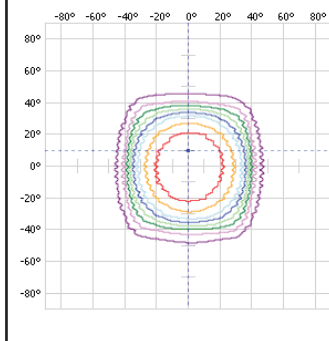
Candela distribution



LCS Graph



Isocandela plot



ZONAL LUMEN SUMMARY

ZONE	LUMENS	% LAMP	% LUMINAIRE
0-30	853.4	57.5%	57.5%
0-40	1,221.5	82.3%	82.3%
0-60	1,441.6	97.1%	97.2%
60-90	41.8	2.8%	2.8%
0-90	1,483.4	99.9%	100%

- Cd: 1,035, 90%
 - Cd: 863, 75%
 - Cd: 690, 60%
 - Cd: 575, 50%
 - Cd: 460, 40%
 - Cd: 345, 30%
 - Cd: 230, 20%
 - Cd: 115, 10%
- Point of Max Cd: 1,150.4

Candela table

	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90
90	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
80	0	1	1	2	2	3	4	5	6	6	6	5	4	3	2	2	1	1	0
70	0	1	2	5	7	10	14	16	17	17	16	15	13	9	7	4	2	1	0
60	0	1	3	8	14	20	26	31	33	33	33	31	27	21	14	9	4	2	0
50	0	2	7	16	26	49	70	85	91	92	89	80	65	44	23	14	5	2	0
40	0	2	9	20	34	72	160	218	254	265	243	205	162	79	40	22	11	3	0
30	0	3	14	28	60	119	411	604	747	795	735	573	384	110	51	25	11	2	0
20	0	3	14	29	64	142	563	846	1018	1074	1046	906	643	206	72	32	16	4	0
10	0	4	18	35	81	291	774	1038	1126	1150	1129	1013	741	209	71	31	14	3	0
0	0	3	15	32	75	217	754	1036	1143	1143	1149	1087	852	370	83	35	18	4	0
-10	0	4	18	35	82	307	768	1046	1134	1135	1116	1005	757	210	71	31	15	3	0
-20	0	3	14	30	66	152	555	847	1028	1076	1042	916	679	211	72	32	16	4	0
-30	0	4	14	29	63	126	416	619	778	825	772	628	420	110	52	26	12	3	0
-40	0	2	9	21	36	75	172	229	283	314	312	281	225	81	42	23	11	3	0
-50	0	3	8	17	28	52	73	88	97	101	97	89	69	46	25	15	6	2	0
-60	0	2	4	10	15	22	28	33	34	35	35	33	29	23	17	11	5	2	0
-70	1	2	3	6	9	12	15	18	19	19	19	17	15	11	8	5	3	2	1
-80	1	1	2	2	3	4	6	7	8	8	8	7	6	5	4	3	2	2	1
-90	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1

Illuminance at a distance

HEIGHT(FT)	CENTER BEAM		BEAM SPREAD(FT)		FIELD SPREAD(FT)	
	FOOTCANDLE	HORIZONTAL	HORIZONTAL	VERTICAL	HORIZONTAL	VERTICAL
4.00	71.44 FC	5.5	5.5	8.1	8.6	
8.00	17.86 FC	11.1	11.0	16.2	17.1	
12.00	7.94 FC	16.6	16.5	24.3	25.7	
16.00	4.46 FC	22.1	22.0	32.4	34.3	
20.00	2.86 FC	27.6	27.5	40.6	42.8	
		BEAM ANGLE		FIELD ANGLE		
		69.3°		90.8°		93.9°

Lumens per zone

ZONE	LUMENS	% TOTAL
0-10	109.1	7.4%
10-20	312.7	21.1%
20-30	431.5	29.1%
30-40	368.1	24.8%
40-50	158.9	10.7%
50-60	61.2	4.1%
60-70	27.5	1.9%
70-80	11.2	0.8%
80-90	3.0	0.2%

Flood summary

	EFFICIENCY	LUMENS	HORIZONTAL SPREAD	VERTICAL SPREAD
FIELD (10%):	92.1%	1,366.4	90.8	93.9
BEAM (50%):	72.7%	1,079.7	69.3	69
TOTAL:	99.8%	1,481.8		

LCS Table

BUG RATING	B1 - UX - G0	
FORWARD LIGHT	LUMENS	LUMENS %
LOW(0-30):	426.2	28.7%
MEDIUM(30-60):	286.4	19.3%
HIGH(60-80):	18.6	1.3%
VERY HIGH(80-90):	1.2	0.1%
BACK LIGHT		
LOW(0-30):	427.5	28.8%
MEDIUM(30-60):	302.1	20.4%
HIGH(60-80):	20.2	1.4%
VERY HIGH(80-90):	1.8	0.1%
TRAPPED LIGHT:	0.5	0%

PRIME

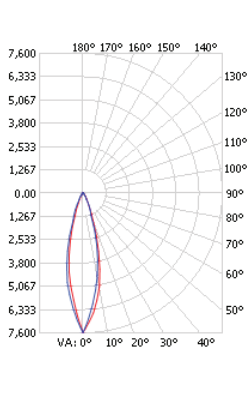
PRIME 6" LED ARCHITECTURAL

6" SQUARE FLANGELESS DOWNLIGHT

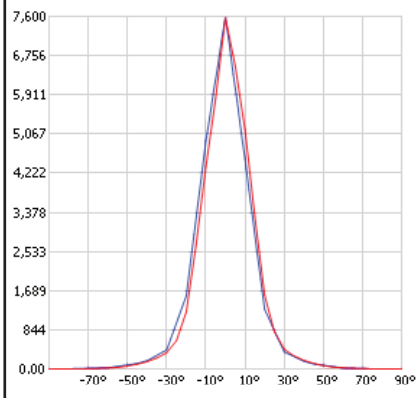
RPA6-21L-18°

Test Date 2020-02-01
 Lumens 2043.2 lm
 Watts 29.52 W
 CCT 3000K

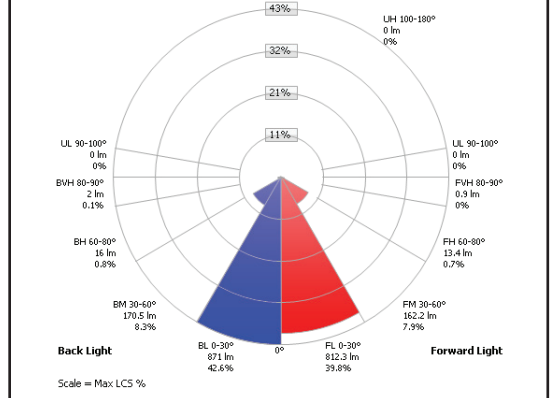
Polar candela distribution



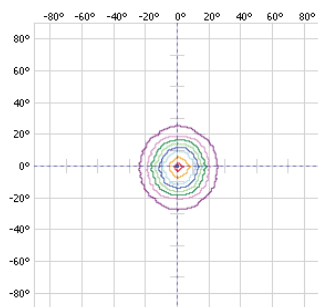
Candela distribution



LCS Graph



Isocandela plot



ZONAL LUMEN SUMMARY

ZONE	LUMENS	% LAMP	% LUMINAIRE
0-30	1,679.8	82.2%	82.2%
0-40	1,854.8	90.8%	90.7%
0-60	2,012.4	98.5%	98.4%
60-90	32.2	1.6%	1.6%
0-90	2,044.6	100.1%	100%

- Cd: 6,821, 90%
 - Cd: 5,685, 75%
 - Cd: 4,548, 60%
 - Cd: 3,790, 50%
 - Cd: 3,032, 40%
 - Cd: 2,274, 30%
 - Cd: 1,518, 20%
 - Cd: 758, 10%
- Point of Max Cd: 7,579.3

Candela table

	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90
90	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
80	0	1	1	1	2	2	3	4	4	4	4	4	3	2	2	1	1	1	0
70	0	1	1	3	5	7	9	11	12	12	12	11	9	7	5	3	1	1	0
60	0	1	2	6	9	14	19	23	24	24	24	23	19	14	10	6	3	1	0
50	0	1	5	10	18	37	63	75	81	83	80	73	61	36	17	10	4	1	0
40	0	2	6	14	26	63	122	149	165	171	167	151	128	71	29	15	7	2	0
30	0	2	9	19	43	105	187	250	332	373	330	252	190	107	41	18	8	2	0
20	0	2	9	21	53	129	236	413	887	1287	989	477	268	151	62	23	10	3	0
10	0	3	11	25	68	162	331	954	3054	4532	3143	998	352	168	66	24	11	2	0
0	0	2	11	24	66	161	351	1233	4362	7579	5161	1598	432	191	75	26	12	3	0
-10	0	3	11	25	70	164	341	1066	3425	4921	3372	1065	354	169	66	24	11	2	0
-20	0	2	10	22	56	133	245	448	1044	1577	1196	529	275	152	62	23	11	3	0
-30	0	2	9	20	47	111	190	259	351	414	364	267	153	107	42	19	8	2	0
-40	0	2	7	15	28	67	126	154	173	183	180	164	135	72	30	16	7	2	0
-50	0	2	5	11	20	40	67	79	87	91	89	83	69	39	19	11	5	2	0
-60	1	2	4	7	11	16	22	26	28	28	28	27	23	17	12	8	4	2	1
-70	1	2	3	5	7	10	13	15	16	16	16	15	13	10	7	5	3	2	1
-80	1	2	2	3	4	5	6	7	7	8	8	7	6	5	4	4	3	2	1
-90	1	2	2	2	1	2	2	2	2	2	2	2	2	2	2	2	2	2	1

Illuminance at a distance

HEIGHT(FT)	CENTER BEAM FOOTCANDLE	BEAM SPREAD(FT)		FIELD SPREAD(FT)	
		HORIZONTAL	VERTICAL	HORIZONTAL	VERTICAL
4.00	473.71 FC	1.8	1.8	3.7	4.0
8.00	118.43 FC	3.6	3.6	7.4	7.9
12.00	52.63 FC	5.4	5.5	11.0	11.9
16.00	29.61 FC	7.2	7.3	14.7	15.9
20.00	18.95 FC	9.0	9.1	18.4	19.9
		BEAM ANGLE		FIELD ANGLE	
		25.4°	25.6°	49.4°	52.8°

Lumens per zone

ZONE	LUMENS	% TOTAL
0-10	521.7	25.5%
10-20	786.3	38.5%
20-30	371.7	18.2%
30-40	175.0	8.6%
40-50	104.9	5.1%
50-60	52.7	2.6%
60-70	20.8	1.0%
70-80	8.6	0.4%
80-90	2.8	0.1%

Flood summary

	EFFICIENCY	LUMENS	HORIZONTAL SPREAD	VERTICAL SPREAD
FIELD (10%):	75.4%	1,540.5	49.4	52.8
BEAM (50%):	34.4%	702.4	25.4	25.6
TOTAL:	99.8%	2,039.5		

LCS Table

BUG RATING	B2 - UX - G0	
FORWARD LIGHT	LUMENS	LUMENS %
LOW(0-30):	812.3	39.8%
MEDIUM(30-60):	162.2	7.9%
HIGH(60-80):	13.4	0.7%
VERY HIGH(80-90):	0.9	0%
BACK LIGHT		
LOW(0-30):	871.0	42.6%
MEDIUM(30-60):	170.5	8.3%
HIGH(60-80):	16.0	0.8%
VERY HIGH(80-90):	2.0	0.1%
TRAPPED LIGHT:	0.000	0%

PRIME

PRIME 6" LED ARCHITECTURAL

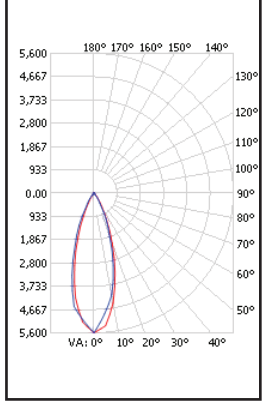
6" SQUARE FLANGELESS DOWNLIGHT

PRIME 6" DOWNLIGHT

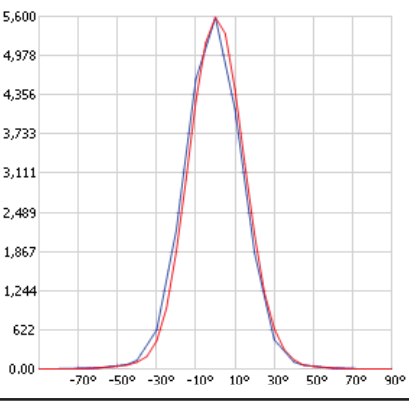
RPA6-21L-30°

Test Date 2020-02-01
 Lumens 2143.4 lm
 Watts 29.52 W
 CCT 3000K

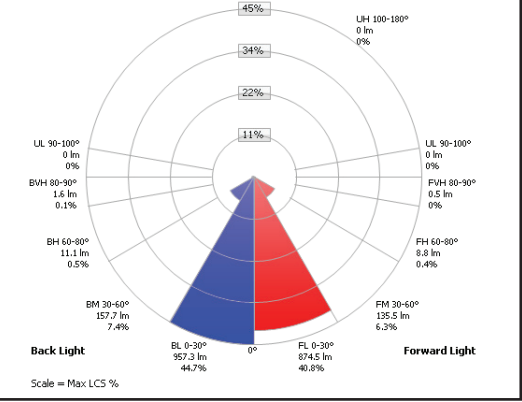
Polar candela distribution



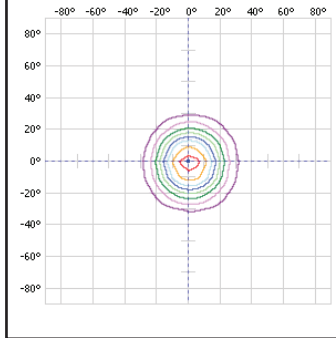
Candela distribution



LCS Graph



Isocandela plot



ZONAL LUMEN SUMMARY

ZONE	LUMENS	% LAMP	% LUMINAIRE
0-30	1,829.0	85.3%	85.3%
0-40	2,021.5	94.3%	94.3%
0-60	2,122.2	99%	99%
60-90	22.0	1%	1%
0-90	2,144.1	100%	100%

- Cd: 5,027, 90%
- Cd: 4,189, 75%
- Cd: 3,352, 60%
- Cd: 2,793, 50%
- Cd: 2,234, 40%
- Cd: 1,676, 30%
- Cd: 1,117, 20%
- Cd: 559, 10%
- Point of Max Cd: 5,585.9

Candela table

	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90
90	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
80	0	0	0	1	1	1	2	2	2	2	2	2	2	2	1	1	1	0	0
70	0	0	1	2	3	4	6	7	8	8	8	7	6	4	3	2	1	0	0
60	0	0	2	4	6	9	13	16	17	17	17	16	13	9	6	3	1	0	0
50	0	1	3	7	12	24	37	44	47	47	46	43	36	23	12	6	2	1	0
40	0	1	4	10	20	41	71	87	102	112	108	89	70	39	18	9	4	1	0
30	0	1	5	13	30	60	107	184	355	469	403	241	130	60	28	12	5	1	0
20	0	1	6	16	38	79	179	580	1359	1841	1488	738	268	84	36	15	6	1	0
10	0	2	7	17	43	98	328	1334	3139	4125	3249	1631	513	127	41	16	7	1	0
0	0	2	7	18	45	110	449	1870	4263	5586	4445	2134	648	152	43	17	7	1	0
-10	0	2	7	18	44	102	368	1485	3412	4605	3677	1782	546	131	42	16	7	1	0
-20	0	1	7	16	39	85	211	709	1654	2206	1793	879	304	85	37	15	6	1	0
-30	0	1	6	14	32	64	120	227	455	622	537	313	152	63	29	12	5	1	0
-40	0	1	4	10	22	44	77	97	123	143	136	108	80	43	20	10	4	1	0
-50	0	1	3	8	14	27	41	49	52	54	53	50	43	26	13	7	3	1	0
-60	1	1	3	5	8	12	16	19	20	20	19	16	12	8	5	3	2	1	0
-70	1	2	3	4	5	7	9	11	11	12	12	11	9	7	5	4	3	2	1
-80	1	2	2	3	3	4	4	5	6	6	6	5	4	3	3	2	2	2	1
-90	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2

Illuminance at a distance

HEIGHT(FT)	CENTER BEAM FOOTCANDLE	BEAM SPREAD(FT)		FIELD SPREAD(FT)	
		HORIZONTAL	VERTICAL	HORIZONTAL	VERTICAL
4.00	349.12 FC	2.4	2.4	4.6	4.7
8.00	87.28 FC	4.7	4.8	9.3	9.4
12.00	38.79 FC	7.1	7.2	13.9	14.1
16.00	21.82 FC	9.5	9.6	18.6	18.7
20.00	13.96 FC	11.9	12.0	23.2	23.4
		BEAM ANGLE		FIELD ANGLE	
		33.0° 33.4°		60.3° 60.7°	

Lumens per zone

ZONE	LUMENS	% TOTAL
0-10	450.0	21.0%
10-20	842.4	39.3%
20-30	536.6	25.0%
30-40	192.5	9.0%
40-50	67.8	3.2%
50-60	32.8	1.5%
60-70	14.2	0.7%
70-80	5.7	0.3%
80-90	2.1	0.1%

Flood summary

	EFFICIENCY	LUMENS	HORIZONTAL SPREAD	VERTICAL SPREAD
FIELD (10%):	85.8%	1,839.2	60.3	60.7
BEAM (50%):	46.4%	995.1	33	33.4
TOTAL:	99.8%	2,139.9		

LCS Table

BUG RATING	B2 - UX - G0	
FORWARD LIGHT	LUMENS	LUMENS %
LOW(0-30):	874.5	40.8%
MEDIUM(30-60):	135.5	6.3%
HIGH(60-80):	8.8	0.4%
VERY HIGH(80-90):	0.5	0%
BACK LIGHT		
LOW(0-30):	957.3	44.7%
MEDIUM(30-60):	157.7	7.4%
HIGH(60-80):	11.1	0.5%
VERY HIGH(80-90):	1.6	0.1%
TRAPPED LIGHT:	0.000	0%

PRIME

PRIME 6" LED ARCHITECTURAL

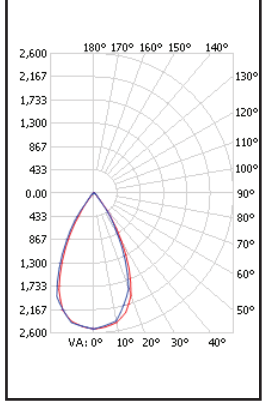
6" SQUARE FLANGELESS DOWNLIGHT

PRIME 6" DOWNLIGHT

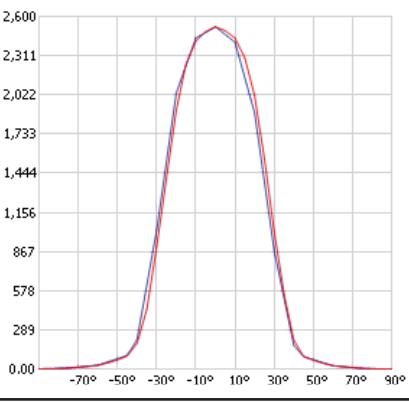
RPA6-21L-60°

Test Date 2020-02-01
 Lumens 2033.2 lm
 Watts 29.54 W
 CCT 3000K

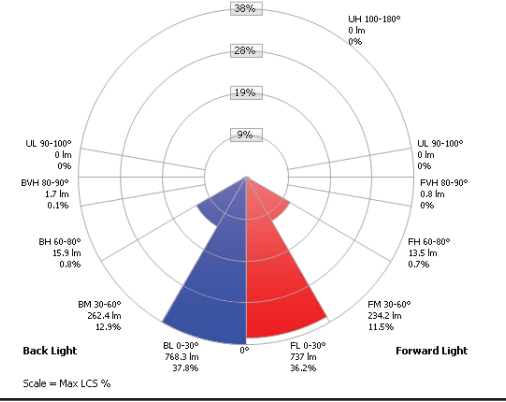
Polar candela distribution



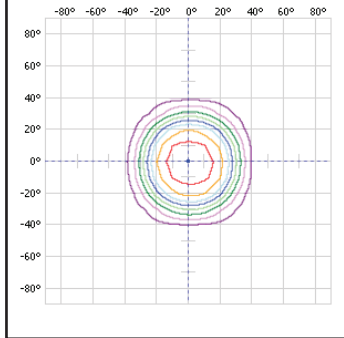
Candela distribution



LCS Graph



Isocandela plot



ZONAL LUMEN SUMMARY

ZONE	LUMENS	% LAMP	% LUMINAIRE
0-30	1,504.2	74%	74%
0-40	1,845.7	90.8%	90.8%
0-60	2,000.8	98.4%	98.4%
60-90	32.0	1.6%	1.6%
0-90	2,032.8	100%	100%

■ Cd: 2,273, 90% ■ Cd: 1,010, 40%
■ Cd: 1,894, 75% ■ Cd: 758, 30%
■ Cd: 1,515, 60% ■ Cd: 505, 20%
■ Cd: 1,263, 50% ■ Cd: 253, 10%
 --- Point of Max Cd: 2,525.2

Candela table

	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90
90	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
80	0	0	1	1	2	2	3	3	4	4	4	3	3	2	1	1	1	0	0
70	0	1	1	3	5	7	10	11	12	12	12	11	9	7	4	3	1	1	0
60	0	1	3	6	10	15	20	24	26	25	25	23	19	14	9	5	2	1	0
50	0	1	4	11	19	37	56	65	69	70	68	64	54	35	17	10	4	1	0
40	0	2	7	16	30	62	104	129	161	176	164	133	105	60	27	14	6	2	0
30	0	2	9	20	46	89	183	373	718	874	768	452	220	90	44	19	8	2	0
20	0	2	11	24	58	120	389	1058	1679	1889	1698	1153	474	124	56	22	9	2	0
10	0	3	11	26	65	159	731	1657	2288	2410	2297	1788	869	189	63	25	10	2	0
0	0	3	12	27	68	191	904	1911	2419	2525	2441	2018	1016	215	65	25	11	2	0
-10	0	3	12	27	66	167	783	1710	2308	2442	2351	1888	903	193	64	25	10	2	0
-20	0	2	11	25	60	131	451	1167	1774	2038	1887	1288	532	128	57	23	9	2	0
-30	0	2	9	21	49	95	207	482	850	1025	898	542	245	94	46	19	8	2	0
-40	0	2	7	17	33	68	114	148	197	221	198	154	114	66	30	15	7	2	0
-50	0	2	6	12	21	41	62	71	75	77	76	72	62	40	19	11	5	2	0
-60	1	2	4	8	12	18	23	27	29	29	29	27	22	17	11	7	4	2	1
-70	1	2	3	5	7	10	12	14	15	16	15	14	12	9	7	5	3	2	1
-80	1	2	2	3	3	4	5	6	6	7	6	6	5	4	3	3	2	2	1
-90	1	2	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	1

Illuminance at a distance

HEIGHT(FT)	CENTER BEAM FOOTCANDLE	BEAM SPREAD(FT)		FIELD SPREAD(FT)	
		HORIZONTAL	VERTICAL	HORIZONTAL	VERTICAL
4.00	157.82 FC	4.1	4.1	6.5	6.5
8.00	39.46 FC	8.2	8.1	13.0	13.1
12.00	17.54 FC	12.3	12.2	19.5	19.6
16.00	9.86 FC	16.4	16.2	26.0	26.1
20.00	6.31 FC	20.4	20.3	32.5	32.7
		BEAM ANGLE		FIELD ANGLE	
		54.1°	53.8°	78.2°	78.5°

Lumens per zone

ZONE	LUMENS	% TOTAL
0-10	233.9	11.5%
10-20	615.0	30.3%
20-30	655.3	32.2%
30-40	341.5	16.8%
40-50	106.0	5.2%
50-60	49.1	2.4%
60-70	21.2	1.0%
70-80	8.2	0.4%
80-90	2.5	0.1%

Flood summary

	EFFICIENCY	LUMENS	HORIZONTAL SPREAD	VERTICAL SPREAD
FIELD (10%):	90.8%	1,847.1	78.2	78.5
BEAM (50%):	64.9%	1,320.2	54.1	53.8
TOTAL:	99.9%	2,030.2		

LCS Table

BUG RATING	B2 - UX - G0	
FORWARD LIGHT	LUMENS	LUMENS %
LOW(0-30):	737.0	36.2%
MEDIUM(30-60):	234.2	11.5%
HIGH(60-80):	13.5	0.7%
VERY HIGH(80-90):	0.8	0%
BACK LIGHT		
LOW(0-30):	768.3	37.8%
MEDIUM(30-60):	262.4	12.9%
HIGH(60-80):	15.9	0.8%
VERY HIGH(80-90):	1.7	0.1%
TRAPPED LIGHT:	0.000	0%

PRIME

PRIME 6" LED ARCHITECTURAL

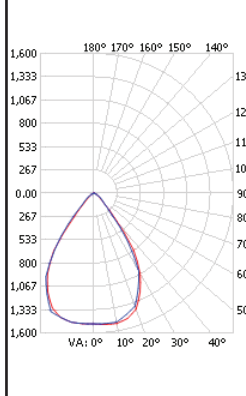
6" SQUARE FLANGELESS DOWNLIGHT

PRIME 6" DOWNLIGHT

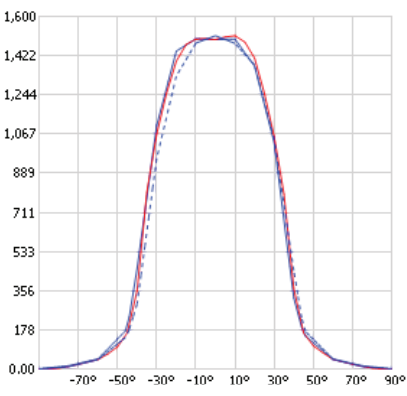
RPA6-21L-80°

Test Date 2020-02-01
 Lumens 1952.3 lm
 Watts 29.60 W
 CCT 3000K

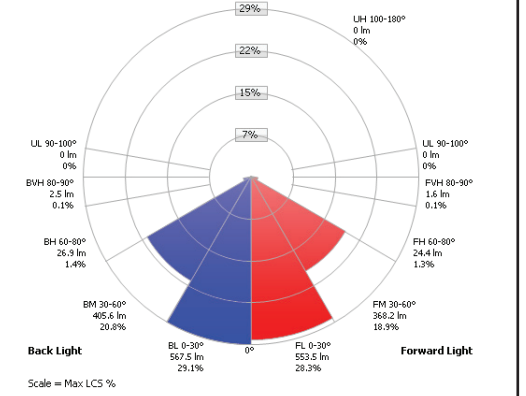
Polar candela distribution



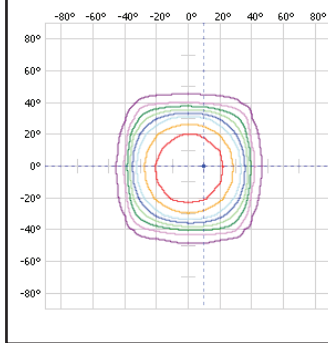
Candela distribution



LCS Graph



Isocandela plot



ZONAL LUMEN SUMMARY

ZONE	LUMENS	% LAMP	% LUMINAIRE
0-30	1,120.6	57.4%	57.5%
0-40	1,604.9	82.2%	82.3%
0-60	1,894.2	97%	97.2%
60-90	55.5	2.8%	2.8%
0-90	1,949.6	99.9%	100%

- Cd: 1,362, 90%
 - Cd: 1,135, 75%
 - Cd: 908, 60%
 - Cd: 757, 50%
 - Cd: 605, 40%
 - Cd: 454, 30%
 - Cd: 303, 20%
 - Cd: 151, 10%
- Point of Max Cd: 1,513.1

Candela table

	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90
90	0	1	0	0	1	1	1	0	1	1	0	0	0	0	0	0	0	1	0
80	0	1	1	2	3	4	5	7	8	8	8	7	6	4	3	2	2	1	0
70	0	1	3	6	9	13	17	20	22	22	22	21	18	13	9	6	3	2	0
60	0	2	5	11	19	26	35	41	43	44	43	41	36	27	19	12	5	2	0
50	0	2	8	19	32	58	86	108	117	119	115	106	88	63	33	20	9	3	0
40	0	3	12	27	46	95	211	281	316	323	296	244	190	101	50	29	13	4	0
30	0	4	16	34	69	144	530	777	959	1028	956	746	506	154	77	36	17	4	0
20	0	4	19	40	87	209	800	1312	1322	1374	1330	1117	752	218	93	41	20	5	0
10	0	4	21	43	96	286	994	1312	1461	1498	1480	1349	977	331	103	44	22	5	0
0	0	5	21	44	101	357	1067	1398	1498	1496	1513	1411	1055	366	106	45	23	5	0
-10	0	5	21	43	99	311	1010	1355	1489	1499	1478	1359	1023	331	104	44	22	5	0
-20	0	4	19	41	90	234	825	1186	1389	1443	1380	1186	836	221	94	41	20	5	0
-30	0	4	17	35	74	150	552	824	1037	1106	1041	844	570	157	78	37	18	5	0
-40	0	4	13	29	51	103	239	322	394	457	447	396	303	106	52	30	15	4	0
-50	0	3	9	21	34	64	92	115	129	137	135	123	98	68	35	22	11	4	0
-60	1	3	6	13	20	29	38	43	45	46	46	44	39	30	22	14	7	3	1
-70	1	2	4	7	11	15	20	23	25	25	25	24	21	16	12	8	5	3	1
-80	1	2	2	3	4	6	8	9	10	10	11	10	8	6	5	4	3	2	1
-90	1	2	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	1

Illuminance at a distance

HEIGHT(FT)	CENTER BEAM FOOTCANDLE	BEAM SPREAD(FT)		FIELD SPREAD(FT)	
		HORIZONTAL	VERTICAL	HORIZONTAL	VERTICAL
4.00	93.50 FC	5.7	5.4	8.3	8.5
8.00	23.38 FC	11.4	10.8	16.6	17.1
12.00	10.39 FC	17.1	16.1	24.9	25.6
16.00	5.84 FC	22.8	21.5	33.3	34.1
20.00	3.74 FC	28.5	26.9	41.6	42.7
		BEAM ANGLE		FIELD ANGLE	
		70.9°	67.8°	92.2°	93.7°

Lumens per zone

ZONE	LUMENS	% TOTAL
0-10	143.1	7.3%
10-20	410.4	21.0%
20-30	567.2	29.1%
30-40	484.3	24.8%
40-50	208.5	10.7%
50-60	80.8	4.1%
60-70	36.4	1.9%
70-80	15.0	0.8%
80-90	4.1	0.2%

Flood summary

	EFFICIENCY	LUMENS	HORIZONTAL SPREAD	VERTICAL SPREAD
FIELD (10%):	92%	1,795.2	92.2	93.7
BEAM (50%):	73.2%	1,429.6	70.9	67.8
TOTAL:	99.8%	1,947.5		

LCS Table

BUG RATING	B2 - UX - G0	
FORWARD LIGHT	LUMENS	LUMENS %
LOW(0-30):	553.5	28.3%
MEDIUM(30-60):	368.2	18.9%
HIGH(60-80):	24.4	1.3%
VERY HIGH(80-90):	1.6	0.1%
BACK LIGHT		
LOW(0-30):	567.5	29.1%
MEDIUM(30-60):	405.6	20.8%
HIGH(60-80):	26.9	1.4%
VERY HIGH(80-90):	2.5	0.1%
TRAPPED LIGHT:	2.1	0.1%

PRIME

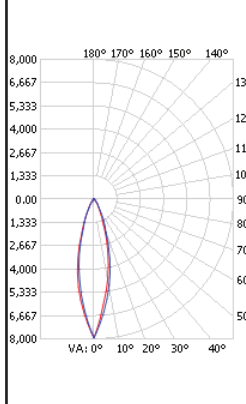
PRIME 6" LED ARCHITECTURAL

6" SQUARE FLANGELESS DOWNLIGHT

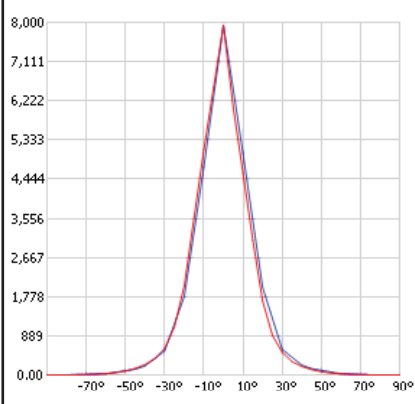
RPA6-25L-18°

Test Date 2020-02-01
 Lumens 2387.5 lm
 Watts 28.29 W
 CCT 3000K

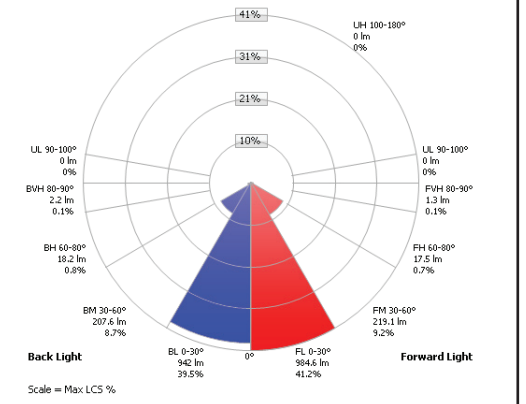
Polar candela distribution



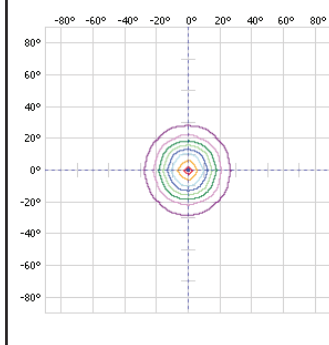
Candela distribution



LCS Graph



Isocandela plot



ZONAL LUMEN SUMMARY

ZONE	LUMENS	% LAMP	% LUMINAIRE
0-30	1,922.9	80.5%	80.5%
0-40	2,157.2	90.4%	90.3%
0-60	2,349.7	98.4%	98.4%
60-90	39.2	1.6%	1.6%
0-90	2,388.9	100.1%	100%

- Cd: 7,146, 90%
 - Cd: 5,955, 75%
 - Cd: 4,764, 60%
 - Cd: 3,970, 50%
 - Cd: 3,176, 40%
 - Cd: 2,382, 30%
 - Cd: 1,588, 20%
 - Cd: 794, 10%
- Point of Max Cd: 7,939.6

Candela table

	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90	
90	0	1	0	0	1	1	0	0	0	0	0	0	1	1	1	1	1	1	1	0
80	0	1	1	2	3	4	5	5	6	6	6	6	5	4	3	2	2	1	1	0
70	0	1	2	5	7	10	13	16	16	16	16	16	15	12	9	6	4	2	1	0
60	0	2	4	8	13	19	27	31	32	32	31	29	24	17	12	7	3	1	0	0
50	0	2	6	14	24	51	89	104	109	109	104	93	76	45	22	12	5	1	0	0
40	0	3	9	19	36	89	169	207	229	230	215	188	151	80	33	17	7	2	0	0
30	0	3	11	25	57	140	247	353	506	583	488	330	229	128	50	23	10	2	0	0
20	0	3	13	29	76	189	364	745	1513	1992	1370	659	313	161	65	26	12	3	0	0
10	0	4	14	31	86	224	518	1517	3933	5025	3527	1288	456	192	76	29	13	3	0	0
0	0	4	15	32	91	241	610	2031	5120	7940	4586	1683	515	196	78	29	13	3	0	0
-10	0	4	14	31	86	223	503	1448	3626	4726	3361	1255	446	186	74	29	13	3	0	0
-20	0	3	13	29	76	190	346	701	1386	1784	1266	628	297	153	62	26	11	3	0	0
-30	0	3	11	25	58	141	241	333	476	551	451	307	215	116	46	22	10	2	0	0
-40	0	3	9	19	36	85	157	186	205	211	201	178	144	74	32	17	7	2	0	0
-50	0	3	7	14	24	47	77	91	98	100	97	89	73	42	22	13	5	2	0	0
-60	1	3	5	9	14	20	26	31	32	32	32	30	25	19	13	8	4	2	1	0
-70	1	3	4	6	8	11	15	17	18	18	18	16	14	11	8	6	4	3	1	0
-80	2	3	3	4	4	5	6	7	8	8	8	7	6	5	4	4	3	3	2	0
-90	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	2

Illuminance at a distance

HEIGHT(FT)	CENTER BEAM FOOTCANDLE	BEAM SPREAD(FT)		FIELD SPREAD(FT)	
		HORIZONTAL	VERTICAL	HORIZONTAL	VERTICAL
4.00	496.22 FC	1.8	1.9	4.1	4.3
8.00	124.06 FC	3.7	3.7	8.2	8.6
12.00	55.14 FC	5.5	5.6	12.4	12.9
16.00	31.01 FC	7.3	7.4	16.5	17.2
20.00	19.85 FC	9.1	9.3	20.6	21.5
		BEAM ANGLE		FIELD ANGLE	
		25.7°	26.0°	54.5°	56.5°

Lumens per zone

ZONE	LUMENS	% TOTAL
0-10	539.4	22.6%
10-20	881.6	36.9%
20-30	501.9	21.0%
30-40	234.3	9.8%
40-50	128.7	5.4%
50-60	63.8	2.7%
60-70	25.5	1.1%
70-80	10.3	0.4%
80-90	3.4	0.1%

Flood summary

	EFFICIENCY	LUMENS	HORIZONTAL SPREAD	VERTICAL SPREAD
FIELD (10%):	76.5%	1,827.3	54.5	56.5
BEAM (50%):	32.1%	766.6	25.7	26
TOTAL:	99.8%	2,383.5		

LCS Table

BUG RATING	B2 - UX - G0	
FORWARD LIGHT	LUMENS	LUMENS %
LOW(0-30):	984.6	41.2%
MEDIUM(30-60):	219.1	9.2%
HIGH(60-80):	17.5	0.7%
VERY HIGH(80-90):	1.3	0.1%
BACK LIGHT		
LOW(0-30):	942.0	39.5%
MEDIUM(30-60):	207.6	8.7%
HIGH(60-80):	18.2	0.8%
VERY HIGH(80-90):	2.2	0.1%
TRAPPED LIGHT:	0.000	0%

PRIME

PRIME 6" LED ARCHITECTURAL

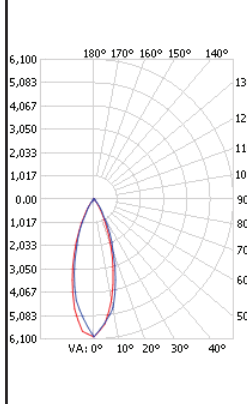
6" SQUARE FLANGELESS DOWNLIGHT

PRIME 6" DOWNLIGHT

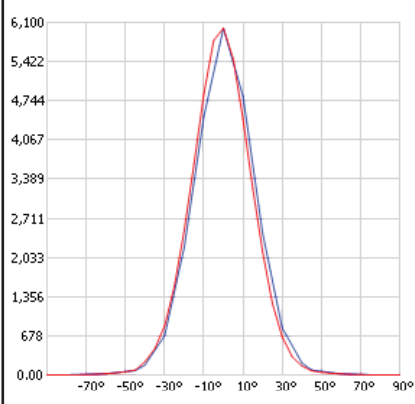
RPA6-25L-30°

Test Date 2020-02-01
 Lumens 2507.5 lm
 Watts 28.29 W
 CCT 3000K

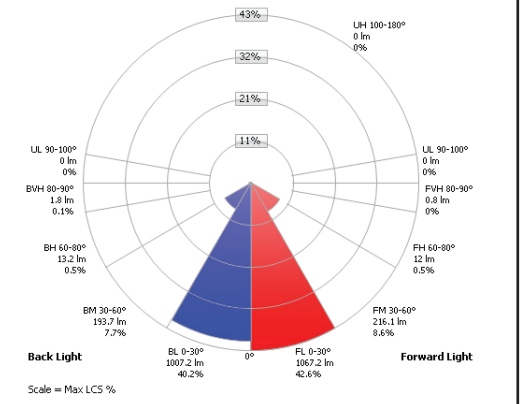
Polar candela distribution



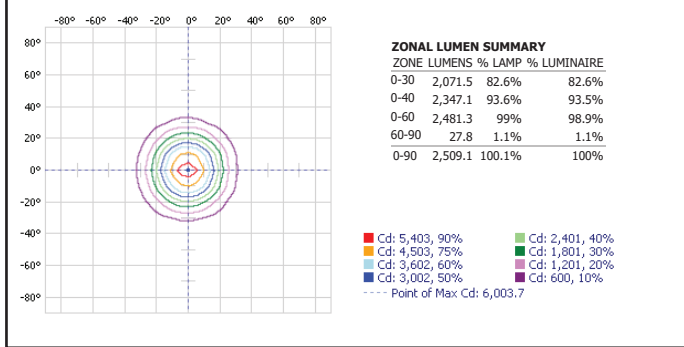
Candela distribution



LCS Graph



Isocandela plot



ZONAL LUMEN SUMMARY

ZONE	LUMENS	% LAMP	% LUMINAIRE
0-30	2,071.5	82.6%	82.6%
0-40	2,347.1	93.6%	93.5%
0-60	2,481.3	99%	98.9%
60-90	27.8	1.1%	1.1%
0-90	2,509.1	100.1%	100%

- Cd: 5,403, 90%
 - Cd: 4,503, 75%
 - Cd: 3,602, 60%
 - Cd: 3,002, 50%
 - Cd: 2,401, 40%
 - Cd: 1,801, 30%
 - Cd: 1,201, 20%
 - Cd: 600, 10%
- Point of Max Cd: 6,003.7

Candela table

	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90
90	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
80	0	0	1	1	2	2	3	3	4	4	4	3	3	2	1	1	1	0	0
70	0	1	1	3	5	7	9	11	11	11	11	10	8	6	4	2	1	0	0
60	0	1	2	5	9	13	19	22	23	23	23	21	17	12	8	5	2	0	0
50	0	1	4	9	17	33	54	62	65	65	63	58	48	30	15	8	3	1	0
40	0	2	6	13	27	57	109	154	204	216	184	135	96	50	24	12	5	1	0
30	0	2	7	17	39	81	210	426	709	817	638	358	179	74	36	16	6	1	0
20	0	2	8	20	50	135	430	1116	2071	2458	1909	944	335	99	44	19	7	2	0
10	0	2	9	22	55	203	713	2063	3932	4824	3613	1815	577	147	50	21	8	2	0
0	0	2	10	23	58	235	854	2513	4869	6004	4430	2137	664	162	51	21	8	2	0
-10	0	2	9	22	55	199	692	1948	3623	4475	3453	1698	534	133	49	21	8	2	0
-20	0	2	8	20	49	129	404	1009	1868	2216	1705	828	285	88	43	19	7	2	0
-30	0	2	7	17	39	79	191	359	589	686	548	301	153	70	34	15	6	2	0
-40	0	2	6	13	27	53	96	130	164	176	155	118	86	48	23	12	5	1	0
-50	0	2	5	10	17	32	48	56	59	60	59	55	46	29	16	9	4	2	0
-60	1	2	4	6	10	14	19	23	24	24	24	22	18	14	9	6	3	2	1
-70	1	2	3	5	6	8	11	13	13	13	13	12	10	8	6	4	3	2	1
-80	2	2	3	3	4	4	5	6	6	6	6	6	6	5	4	4	3	3	2
-90	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2

Illuminance at a distance

HEIGHT(FT)	CENTER BEAM FOOTCANDLE	BEAM SPREAD(FT)		FIELD SPREAD(FT)	
		HORIZONTAL	VERTICAL	HORIZONTAL	VERTICAL
4.00	375.23 FC	2.4	2.5	5.0	5.1
8.00	93.81 FC	4.9	4.9	10.0	10.3
12.00	41.69 FC	7.3	7.4	15.0	15.4
16.00	23.45 FC	9.8	9.9	20.0	20.5
20.00	15.01 FC	12.2	12.3	25.0	25.6
		BEAM ANGLE		FIELD ANGLE	
		33.9° 34.2°		64.1° 65.3°	

Lumens per zone

ZONE	LUMENS	% TOTAL
0-10	481.7	19.2%
10-20	928.4	37.0%
20-30	661.4	26.4%
30-40	275.7	11.0%
40-50	93.3	3.7%
50-60	40.9	1.6%
60-70	18.0	0.7%
70-80	7.3	0.3%
80-90	2.6	0.1%

Flood summary

	EFFICIENCY	LUMENS	HORIZONTAL SPREAD	VERTICAL SPREAD
FIELD (10%):	85.9%	2,153.0	64.1	65.3
BEAM (50%):	44.6%	1,117.5	33.9	34.2
TOTAL:	99.9%	2,504.4		

LCS Table

BUG RATING	B3 - UX - G0	
FORWARD LIGHT	LUMENS	LUMENS %
LOW(0-30):	1,067.2	42.6%
MEDIUM(30-60):	216.1	8.6%
HIGH(60-80):	12.0	0.5%
VERY HIGH(80-90):	0.8	0%
BACK LIGHT		
LOW(0-30):	1,007.2	40.2%
MEDIUM(30-60):	193.7	7.7%
HIGH(60-80):	13.2	0.5%
VERY HIGH(80-90):	1.8	0.1%
TRAPPED LIGHT:	0.000	0%

PRIME

PRIME 6" LED ARCHITECTURAL

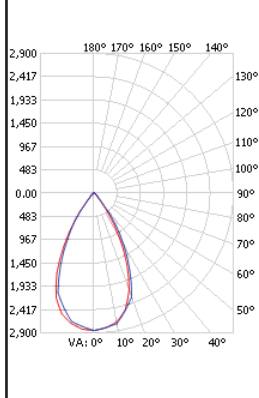
6" SQUARE FLANGELESS DOWNLIGHT

PRIME 6" DOWNLIGHT

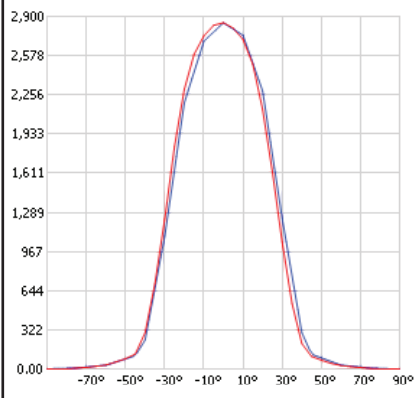
RPA6-25L-60°

Test Date 2020-02-01
 Lumens 2375.3 lm
 Watts 28.25 W
 CCT 3000K

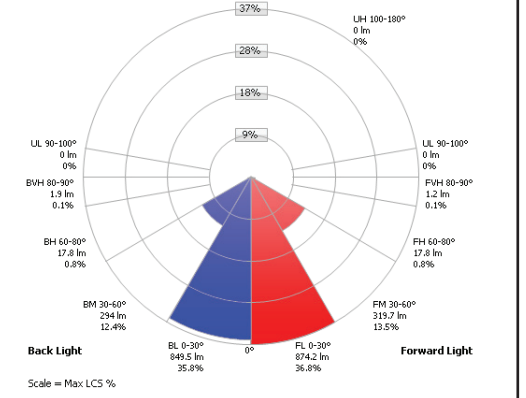
Polar candela distribution



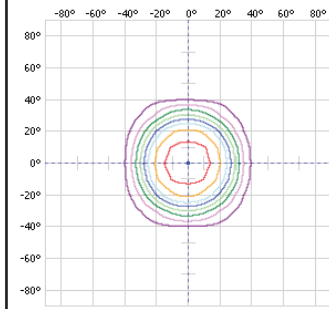
Candela distribution



LCS Graph



Isocandela plot



ZONAL LUMEN SUMMARY

ZONE	LUMENS	% LAMP	% LUMINAIRE
0-30	1,722.5	72.5%	72.5%
0-40	2,143.8	90.3%	90.3%
0-60	2,336.0	98.3%	98.4%
60-90	38.8	1.6%	1.6%
0-90	2,374.8	100%	100%

- Cd: 2,564, 90%
 - Cd: 2,137, 75%
 - Cd: 1,710, 60%
 - Cd: 1,425, 50%
 - Cd: 1,140, 40%
 - Cd: 855, 30%
 - Cd: 570, 20%
 - Cd: 285, 10%
- Point of Max Cd: 2,849.2

Candela table

	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90
90	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
80	0	1	1	2	3	3	5	5	6	6	6	5	4	3	2	2	1	1	0
70	0	1	2	5	7	10	14	16	17	17	16	15	12	9	6	4	2	1	0
60	0	1	4	8	14	20	27	32	33	33	32	30	25	18	12	7	3	1	0
50	0	2	6	14	25	51	78	89	93	92	89	82	70	45	22	12	5	1	0
40	0	2	9	20	41	84	154	215	283	301	256	185	133	75	34	18	7	2	0
30	0	3	11	25	61	120	307	666	1093	1238	1023	575	255	107	53	23	10	2	0
20	0	3	13	30	75	190	678	1497	2121	2288	2048	1358	516	139	65	27	11	3	0
10	0	3	14	32	82	260	1071	2101	2628	2746	2604	1990	923	196	73	30	13	3	0
0	0	4	15	33	85	300	1232	2302	2742	2849	2713	2136	1044	211	74	30	13	3	0
-10	0	3	14	32	82	249	1037	2080	2599	2698	2538	1915	905	188	71	29	12	3	0
-20	0	3	13	30	73	179	619	1420	2041	2189	1938	1273	498	127	62	27	11	3	0
-30	0	3	11	25	60	116	284	587	958	1091	917	519	242	99	50	23	10	2	0
-40	0	3	9	20	39	79	134	173	219	239	213	163	121	69	32	18	7	2	0
-50	0	3	7	14	24	48	70	80	83	84	82	77	64	42	22	13	5	2	1
-60	1	3	5	9	14	20	26	31	33	33	32	30	25	18	13	8	4	2	1
-70	1	2	4	6	8	11	14	16	17	17	17	15	13	10	7	5	3	2	1
-80	1	2	3	3	4	5	6	6	7	7	6	6	5	4	4	3	2	2	2
-90	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2

Illuminance at a distance

HEIGHT(FT)	CENTER BEAM FOOTCANDLE	BEAM SPREAD(FT)		FIELD SPREAD(FT)	
		HORIZONTAL	VERTICAL	HORIZONTAL	VERTICAL
4.00	178.08 FC	4.2	4.2	6.6	6.7
8.00	44.52 FC	8.3	8.4	13.3	13.4
12.00	19.79 FC	12.5	12.5	19.9	20.1
16.00	11.13 FC	16.7	16.7	26.5	26.8
20.00	7.12 FC	20.9	20.9	33.1	33.5
		BEAM ANGLE		FIELD ANGLE	
		55.1°	55.2°	79.3°	79.9°

Lumens per zone

ZONE	LUMENS	% TOTAL
0-10	263.3	11.1%
10-20	694.3	29.2%
20-30	764.9	32.2%
30-40	421.3	17.7%
40-50	133.0	5.6%
50-60	59.1	2.5%
60-70	25.6	1.1%
70-80	10.0	0.4%
80-90	3.1	0.1%

Flood summary

	EFFICIENCY	LUMENS	HORIZONTAL SPREAD	VERTICAL SPREAD
FIELD (10%):	91%	2,162.6	79.3	79.9
BEAM (50%):	64.7%	1,536.6	55.1	55.2
TOTAL:	99.9%	2,371.8		

LCS Table

BUG RATING	B2 - UX - G0	
FORWARD LIGHT	LUMENS	LUMENS %
LOW(0-30):	874.2	36.8%
MEDIUM(30-60):	319.7	13.5%
HIGH(60-80):	17.8	0.8%
VERY HIGH(80-90):	1.2	0.1%
BACK LIGHT		
LOW(0-30):	849.5	35.8%
MEDIUM(30-60):	294.0	12.4%
HIGH(60-80):	17.8	0.8%
VERY HIGH(80-90):	1.9	0.1%
TRAPPED LIGHT:	0.000	0%

PRIME

PRIME 6" LED ARCHITECTURAL

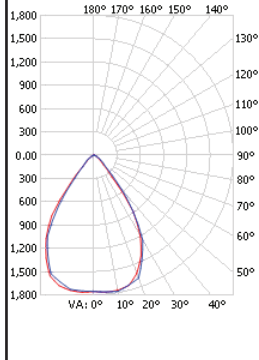
6" SQUARE FLANGELESS DOWNLIGHT

PRIME 6" DOWNLIGHT

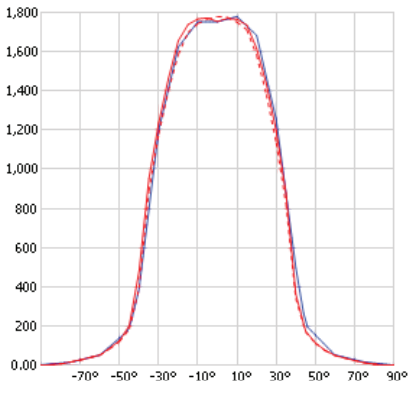
RPA6-25L-80°

Test Date 2020-02-01
 Lumens 2261.4 lm
 Watts 28.25 W
 CCT 3000K

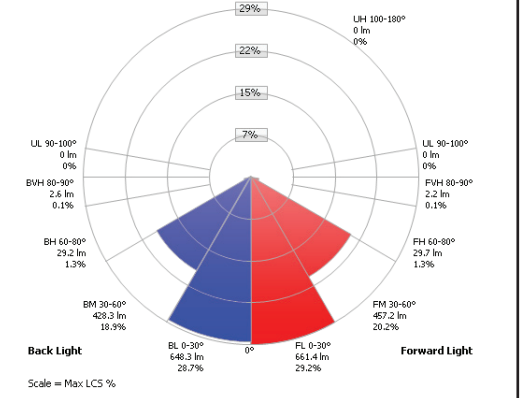
Polar candela distribution



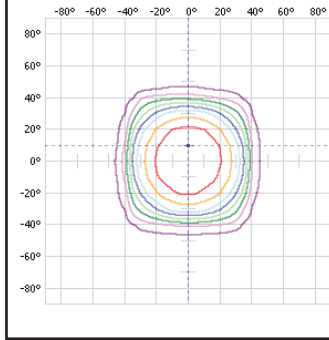
Candela distribution



LCS Graph



Isocandela plot



ZONAL LUMEN SUMMARY

ZONE	LUMENS	% LAMP	% LUMINAIRE
0-30	1,309.2	57.9%	58%
0-40	1,863.8	82.4%	82.5%
0-60	2,194.5	97%	97.2%
60-90	63.7	2.8%	2.8%
0-90	2,258.2	99.9%	100%

- Cd: 1,602, 90%
 - Cd: 1,335, 75%
 - Cd: 1,068, 60%
 - Cd: 890, 50%
 - Cd: 712, 40%
 - Cd: 534, 30%
 - Cd: 356, 20%
 - Cd: 178, 10%
- Point of Max Cd: 1,779.7

Candela table

	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90	
90	0	1	1	1	1	1	1	0	0	0	0	0	1	1	1	1	1	1	0	
80	0	2	2	3	5	6	8	10	11	11	10	9	7	5	4	3	2	1	0	
70	0	2	4	8	13	17	23	26	28	28	27	25	21	15	11	7	3	2	0	
60	0	3	7	15	25	34	44	50	52	52	51	48	41	31	21	13	5	2	0	
50	0	4	12	25	40	77	113	141	153	154	144	129	103	71	37	22	9	3	0	
40	0	5	17	34	61	123	347	448	500	498	433	344	246	114	55	32	14	3	0	
30	0	5	21	42	90	184	654	958	1185	1254	1164	913	597	175	83	40	18	4	0	
20	0	6	24	48	110	276	974	1378	1621	1684	1609	1341	892	241	101	46	21	5	0	
10	0	6	26	51	121	392	1179	1586	1744	1780	1751	1582	1136	341	112	49	23	5	0	
0	0	6	27	52	125	481	1237	1656	1767	1754	1766	1618	1196	362	113	50	24	5	0	
-10	0	6	26	51	121	405	1146	1576	1740	1753	1715	1540	1122	317	109	49	23	5	0	
-20	0	6	24	48	110	285	906	1317	1564	1624	1547	1308	877	224	97	45	21	5	0	
-30	0	6	21	42	91	183	605	889	1123	1199	1115	887	585	163	78	40	18	4	0	
-40	0	5	17	34	62	120	237	297	357	391	374	328	243	108	53	32	14	4	0	
-50	0	4	12	25	40	74	104	125	135	139	135	125	99	67	37	23	9	3	1	
-60	1	4	7	15	24	33	43	49	51	51	51	48	41	31	22	13	6	3	1	
-70	1	3	5	9	13	17	22	25	27	27	27	26	24	21	16	11	8	4	3	1
-80	1	3	3	4	5	7	8	10	10	10	10	10	9	8	6	5	4	3	3	1
-90	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1

Illuminance at a distance

HEIGHT(FT)	CENTER BEAM		BEAM SPREAD(FT)		FIELD SPREAD(FT)	
	FOOTCANDLE	HORIZONTAL	HORIZONTAL	VERTICAL	HORIZONTAL	VERTICAL
4.00	109.62 FC	5.5	5.5	8.0	8.5	
8.00	27.40 FC	11.0	10.9	16.1	17.0	
12.00	12.18 FC	16.5	16.4	24.1	25.5	
16.00	6.85 FC	21.9	21.8	32.1	34.0	
20.00	4.38 FC	27.4	27.3	40.1	42.5	
		BEAM ANGLE		FIELD ANGLE		
		68.9°		90.2°		93.5°

Lumens per zone

ZONE	LUMENS	% TOTAL
0-10	168.3	7.5%
10-20	482.0	21.3%
20-30	658.9	29.2%
30-40	554.6	24.6%
40-50	237.9	10.5%
50-60	92.8	4.1%
60-70	41.7	1.8%
70-80	17.2	0.8%
80-90	4.8	0.2%

Flood summary

	EFFICIENCY	LUMENS	HORIZONTAL SPREAD	VERTICAL SPREAD
FIELD (10%):	91.9%	2,079.1	90.2	93.5
BEAM (50%):	72.9%	1,648.6	68.9	68.6
TOTAL:	99.7%	2,255.7		

LCS Table

BUG RATING	B2 - UX - G0	
FORWARD LIGHT	LUMENS	LUMENS %
LOW(0-30):	661.4	29.2%
MEDIUM(30-60):	457.2	20.2%
HIGH(60-80):	29.7	1.3%
VERY HIGH(80-90):	2.2	0.1%
BACK LIGHT		
LOW(0-30):	648.3	28.7%
MEDIUM(30-60):	428.3	18.9%
HIGH(60-80):	29.2	1.3%
VERY HIGH(80-90):	2.6	0.1%
TRAPPED LIGHT:	2.5	0.1%

PRIME

PRIME 6" LED ARCHITECTURAL

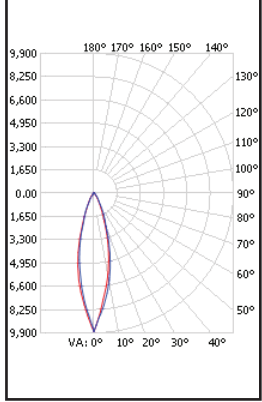
6" SQUARE FLANGELESS DOWNLIGHT

PRIME 6" DOWNLIGHT

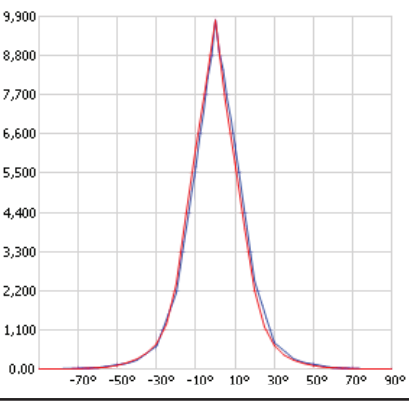
RPA6-31L-18°

Test Date 2020-02-01
 Lumens 2944.8 lm
 Watts 37.63 W
 CCT 3000K

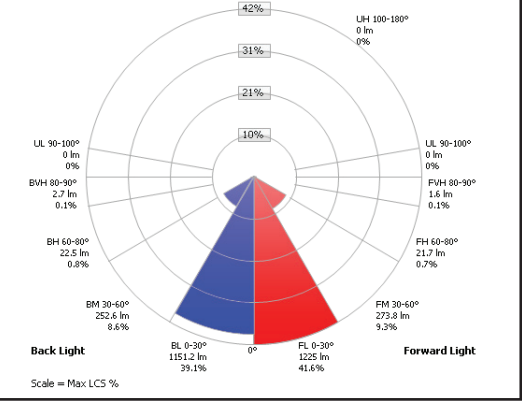
Polar candela distribution



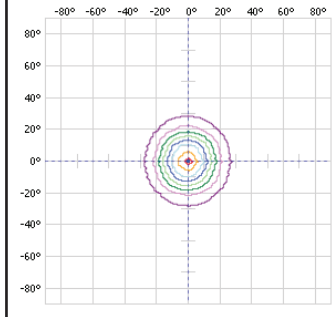
Candela distribution



LCS Graph



Isocandela plot



ZONAL LUMEN SUMMARY

ZONE	LUMENS	% LAMP	% LUMINAIRE
0-30	2,371.7	80.5%	80.5%
0-40	2,660.7	90.4%	90.3%
0-60	2,898.1	98.4%	98.3%
60-90	48.6	1.7%	1.7%
0-90	2,946.7	100.1%	100%

- Cd: 8,821, 90%
 - Cd: 7,351, 75%
 - Cd: 5,881, 60%
 - Cd: 4,901, 50%
 - Cd: 3,921, 40%
 - Cd: 2,940, 30%
 - Cd: 1,960, 20%
 - Cd: 980, 10%
- Point of Max Cd: 9,801.5

Candela table

90	0	1	1	1	1	1	1	1	0	0	1	1	1	1	1	1	1	1	0
80	0	1	2	2	3	4	6	7	7	7	7	6	5	4	3	2	1	1	0
70	0	2	3	6	9	12	17	19	20	20	20	18	15	11	7	4	2	1	0
60	0	2	4	10	16	23	32	38	39	39	38	36	30	22	15	9	4	1	0
50	0	3	8	17	31	65	112	129	137	137	130	116	93	54	26	15	6	2	0
40	0	3	11	23	43	107	210	258	287	289	269	235	192	101	42	22	10	3	0
30	0	4	15	31	74	182	320	462	663	744	590	394	277	151	58	27	12	3	0
20	0	4	15	34	89	227	436	887	1832	2478	1759	865	400	207	85	34	15	4	0
10	0	5	18	39	111	293	680	1964	5038	6275	4284	1563	538	225	90	35	15	3	0
0	0	4	17	38	107	286	715	2397	6232	9801	5790	2208	671	250	101	38	17	4	0
-10	0	5	18	39	111	287	667	1893	4676	5684	3822	1444	511	219	87	34	15	3	0
-20	0	4	15	34	89	222	418	828	1631	2140	1579	791	373	194	81	34	15	4	0
-30	0	4	14	31	75	178	299	409	567	648	536	363	255	134	54	27	12	3	0
-40	0	3	11	23	43	102	189	222	244	252	241	215	176	92	41	22	10	3	0
-50	1	3	9	18	30	61	96	111	120	122	118	108	87	50	27	15	6	3	1
-60	1	3	6	11	17	24	32	38	40	40	40	38	31	23	17	11	6	3	1
-70	2	4	5	8	11	14	18	21	22	22	22	20	17	13	10	7	5	4	2
-80	2	3	4	5	6	7	8	9	10	10	10	9	8	6	5	4	4	2	2
-90	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	2

Illuminance at a distance

HEIGHT(FT)	CENTER BEAM FOOTCANDLE	BEAM SPREAD(FT)		FIELD SPREAD(FT)	
		HORIZONTAL	VERTICAL	HORIZONTAL	VERTICAL
4.00	612.59 FC	1.8	1.8	4.1	4.3
8.00	153.15 FC	3.7	3.7	8.3	8.6
12.00	68.07 FC	5.5	5.5	12.4	12.9
16.00	38.29 FC	7.4	7.4	16.5	17.2
20.00	24.50 FC	9.2	9.2	20.6	21.4

BEAM ANGLE 25.9° FIELD ANGLE 54.6° 56.4°

Lumens per zone

ZONE	LUMENS	% TOTAL
0-10	663.1	22.5%
10-20	1,089.5	37.0%
20-30	619.1	21.0%
30-40	288.9	9.8%
40-50	158.6	5.4%
50-60	78.8	2.7%
60-70	31.4	1.1%
70-80	12.8	0.4%
80-90	4.4	0.1%

Flood summary

	EFFICIENCY	LUMENS	HORIZONTAL SPREAD	VERTICAL SPREAD
FIELD (10%):	76.4%	2,251.0	54.6	56.4
BEAM (50%):	32.1%	945.0	25.9	25.9
TOTAL:	99.8%	2,940.1		

LCS Table

BUG RATING	B3 - UX - G0	
FORWARD LIGHT	LUMENS	LUMENS %
LOW(0-30):	1,225.0	41.6%
MEDIUM(30-60):	273.8	9.3%
HIGH(60-80):	21.7	0.7%
VERY HIGH(80-90):	1.6	0.1%
BACK LIGHT		
LOW(0-30):	1,151.2	39.1%
MEDIUM(30-60):	252.6	8.6%
HIGH(60-80):	22.5	0.8%
VERY HIGH(80-90):	2.7	0.1%
TRAPPED LIGHT:	0.000	0%

PRIME

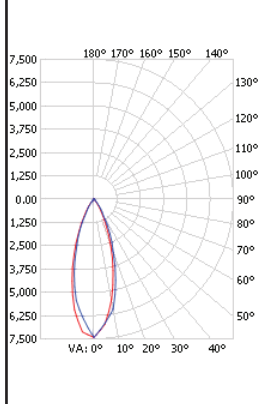
PRIME 6" LED ARCHITECTURAL

6" SQUARE FLANGELESS DOWNLIGHT

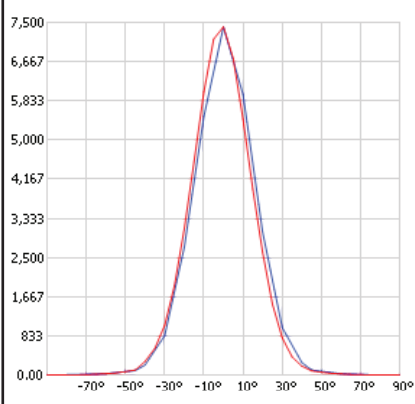
PRIME 6" DOWNLIGHT

RPA6-31L-30°
 Test Date 2020-02-01
 Lumens 3093.7 lm
 Watts 37.66 W
 CCT 3000K

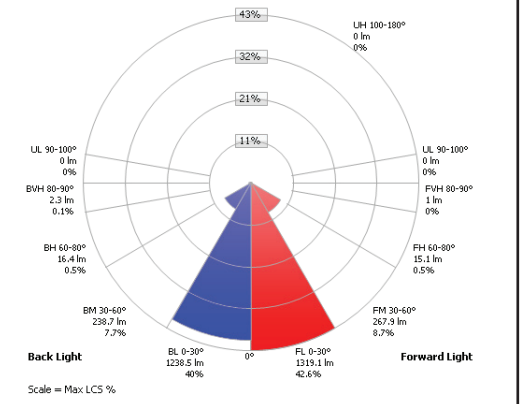
Polar candela distribution



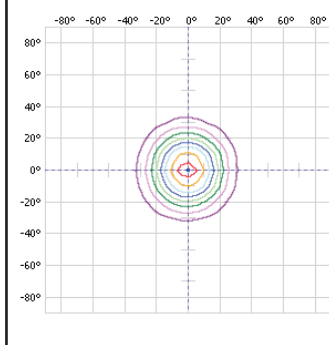
Candela distribution



LCS Graph



Isocandela plot



ZONAL LUMEN SUMMARY

ZONE	LUMENS	% LAMP	% LUMINAIRE
0-30	2,553.9	82.6%	82.5%
0-40	2,893.7	93.5%	93.5%
0-60	3,060.6	98.9%	98.9%
60-90	34.8	1.1%	1.1%
0-90	3,095.4	100.1%	100%

- Cd: 6,668, 90%
 - Cd: 5,557, 75%
 - Cd: 4,446, 60%
 - Cd: 3,705, 50%
 - Cd: 2,964, 40%
 - Cd: 2,223, 30%
 - Cd: 1,482, 20%
 - Cd: 741, 10%
- Point of Max Cd: 7,409.3

Candela table

	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90
90	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
80	0	1	1	2	2	3	4	4	5	5	4	4	3	2	2	1	1	1	0
70	0	1	2	4	6	8	12	14	14	14	14	13	10	7	5	3	1	1	0
60	0	1	3	7	11	17	24	28	29	28	28	26	21	15	10	6	2	1	0
50	0	2	5	12	22	42	69	78	81	80	78	72	59	37	19	10	4	1	0
40	0	2	7	17	35	72	137	195	255	269	228	168	119	62	29	14	6	1	0
30	0	2	9	22	50	103	263	529	885	1013	789	441	221	91	43	19	8	2	0
20	0	3	11	26	63	180	533	1388	2570	3044	2357	1162	411	117	54	23	9	2	0
10	0	3	12	28	70	254	881	2558	4877	5971	4457	2233	708	180	61	25	10	2	0
0	0	3	12	29	73	293	1059	3115	6025	7409	5451	2616	796	192	62	26	10	2	0
-10	0	3	12	28	70	249	854	2400	4458	5503	4237	2073	649	169	60	25	10	2	0
-20	0	3	11	26	62	171	499	1245	2295	2720	2085	1010	348	106	52	23	9	2	0
-30	0	2	9	22	50	100	238	443	722	840	668	367	189	85	41	19	8	2	0
-40	0	2	8	17	34	67	121	161	202	217	190	146	106	58	28	15	6	2	0
-50	1	2	6	12	22	40	60	69	73	74	73	68	56	36	19	11	5	2	1
-60	1	3	5	8	13	18	24	29	30	30	30	28	23	17	12	7	4	3	1
-70	2	3	4	6	8	11	14	16	17	17	17	15	13	10	8	6	4	3	2
-80	2	3	3	4	5	6	6	7	8	8	7	7	6	5	4	3	3	2	2
-90	2	3	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	2

Illuminance at a distance

HEIGHT(FT)	CENTER BEAM FOOTCANDLE	BEAM SPREAD(FT)		FIELD SPREAD(FT)	
		HORIZONTAL	VERTICAL	HORIZONTAL	VERTICAL
4.00	463.08 FC	2.4	2.5	5.0	5.1
8.00	115.77 FC	4.9	4.9	10.0	10.2
12.00	51.45 FC	7.3	7.4	15.0	15.3
16.00	28.94 FC	9.7	9.8	20.0	20.5
20.00	18.52 FC	12.2	12.3	24.9	25.6
		BEAM ANGLE		FIELD ANGLE	
		33.9° 34.2°		63.9° 65.2°	

Lumens per zone

ZONE	LUMENS	% TOTAL
0-10	594.2	19.2%
10-20	1,144.9	37.0%
20-30	814.8	26.3%
30-40	339.8	11.0%
40-50	116.0	3.7%
50-60	50.9	1.6%
60-70	22.4	0.7%
70-80	9.1	0.3%
80-90	3.3	0.1%

Flood summary

	EFFICIENCY	LUMENS	HORIZONTAL SPREAD	VERTICAL SPREAD
FIELD (10%):	85.9%	2,656.9	63.9	65.2
BEAM (50%):	44.6%	1,378.8	33.9	34.2
TOTAL:	99.9%	3,089.6		

LCS Table

BUG RATING	B3 - UX - G0	
FORWARD LIGHT	LUMENS	LUMENS %
LOW(0-30):	1,319.1	42.6%
MEDIUM(30-60):	267.9	8.7%
HIGH(60-80):	15.1	0.5%
VERY HIGH(80-90):	1.0	0%
BACK LIGHT		
LOW(0-30):	1,238.5	40%
MEDIUM(30-60):	238.7	7.7%
HIGH(60-80):	16.4	0.5%
VERY HIGH(80-90):	2.3	0.1%
TRAPPED LIGHT:	0.000	0%

PRIME

PRIME 6" LED ARCHITECTURAL

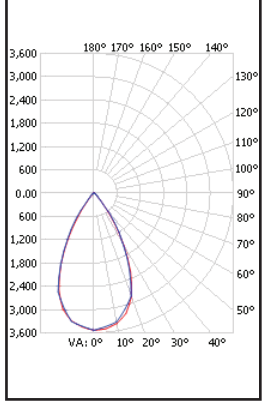
6" SQUARE FLANGELESS DOWNLIGHT

PRIME 6" DOWNLIGHT

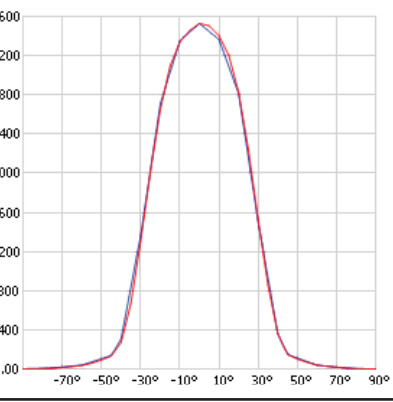
RPA6-31L-60°

Test Date 2020-02-01
 Lumens 2935.5 lm
 Watts 37.69 W
 CCT 3000K

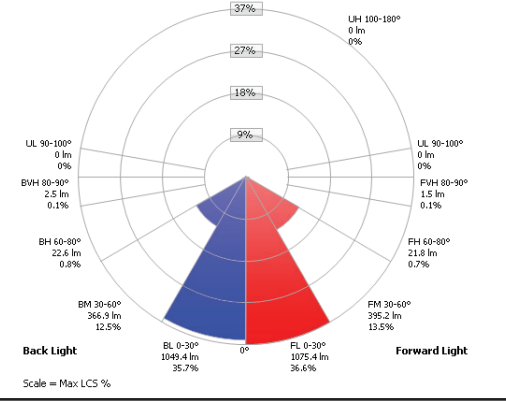
Polar candela distribution



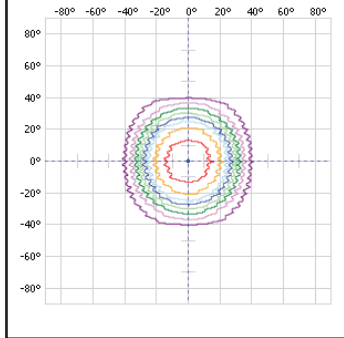
Candela distribution



LCS Graph



Isocandela plot



ZONAL LUMEN SUMMARY

ZONE	LUMENS	% LAMP	% LUMINAIRE
0-30	2,123.3	72.3%	72.4%
0-40	2,645.9	90.1%	90.2%
0-60	2,885.1	98.3%	98.4%
60-90	48.4	1.6%	1.6%
0-90	2,933.5	99.9%	100%

- Cd: 3,177, 90%
 - Cd: 2,647, 75%
 - Cd: 2,118, 60%
 - Cd: 1,765, 50%
 - Cd: 1,412, 40%
 - Cd: 1,059, 30%
 - Cd: 706, 20%
 - Cd: 353, 10%
- Point of Max Cd: 3,529.5

Candela table

	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90
90	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
80	0	1	1	2	3	4	5	6	7	7	7	7	6	5	4	3	2	1	1
70	0	2	3	6	9	13	17	20	20	20	20	18	14	10	7	4	2	1	0
60	0	2	4	9	16	23	32	38	40	40	39	37	31	23	16	9	4	1	0
50	0	3	9	19	34	65	97	108	112	112	108	99	81	50	25	13	5	1	0
40	0	3	9	22	42	93	169	241	319	363	316	235	172	100	49	24	11	3	0
30	0	4	16	35	82	166	423	913	1377	1496	1202	658	298	119	56	26	10	2	0
20	0	3	14	33	81	176	700	1692	2517	2816	2629	1864	814	223	90	37	16	4	0
10	0	5	20	45	110	400	1511	2702	3267	3364	3151	2299	969	191	81	33	13	3	0
0	0	4	16	37	94	273	1306	2650	3339	3529	3405	2629	1520	361	103	41	19	4	0
-10	0	5	20	45	110	384	1466	2691	3270	3352	3082	2209	940	185	80	33	13	3	0
-20	0	3	14	33	81	177	617	1591	2411	2711	2489	1736	757	214	89	37	16	4	0
-30	0	5	16	35	83	167	368	786	1236	1360	1085	568	272	115	54	25	10	2	0
-40	0	3	10	22	42	93	160	212	271	312	284	223	169	96	47	24	11	3	0
-50	1	4	10	19	34	64	91	101	105	106	104	97	79	49	26	14	6	2	1
-60	1	3	6	10	17	24	32	38	41	41	41	38	33	24	17	11	6	3	1
-70	2	3	5	8	10	14	18	21	22	22	21	19	16	12	9	6	4	3	2
-80	2	3	3	4	5	6	7	8	9	9	9	8	7	6	5	4	3	3	2
-90	2	2	2	2	2	2	3	3	3	3	3	3	3	2	3	3	3	3	2

Illuminance at a distance

HEIGHT(FT)	CENTER BEAM FOOTCANDLE	BEAM SPREAD(FT)		FIELD SPREAD(FT)	
		HORIZONTAL	VERTICAL	HORIZONTAL	VERTICAL
4.00	220.59 FC	4.2	4.2	6.6	6.7
8.00	55.15 FC	8.3	8.3	13.2	13.4
12.00	24.51 FC	12.5	12.5	19.9	20.1
16.00	13.79 FC	16.7	16.7	26.5	26.8
20.00	8.82 FC	20.9	20.8	33.1	33.4
		BEAM ANGLE		FIELD ANGLE	
		55.1°	55.0°	79.2°	79.8°

Lumens per zone

ZONE	LUMENS	% TOTAL
0-10	325.3	11.1%
10-20	855.8	29.2%
20-30	942.2	32.1%
30-40	522.6	17.8%
40-50	166.0	5.7%
50-60	73.3	2.5%
60-70	31.9	1.1%
70-80	12.6	0.4%
80-90	3.9	0.1%

Flood summary

	EFFICIENCY	LUMENS	HORIZONTAL SPREAD	VERTICAL SPREAD
FIELD (10%):	90.9%	2,669.1	79.2	79.8
BEAM (50%):	64.3%	1,888.6	55.1	55
TOTAL:	99.8%	2,930.3		

LCS Table

BUG RATING	B3 - UX - G0	
FORWARD LIGHT	LUMENS	LUMENS %
LOW(0-30):	1,075.4	36.6%
MEDIUM(30-60):	395.2	13.5%
HIGH(60-80):	21.8	0.7%
VERY HIGH(80-90):	1.5	0.1%
BACK LIGHT		
LOW(0-30):	1,049.4	35.7%
MEDIUM(30-60):	366.9	12.5%
HIGH(60-80):	22.6	0.8%
VERY HIGH(80-90):	2.5	0.1%
TRAPPED LIGHT:	0.3	0%

PRIME

PRIME 6" LED ARCHITECTURAL

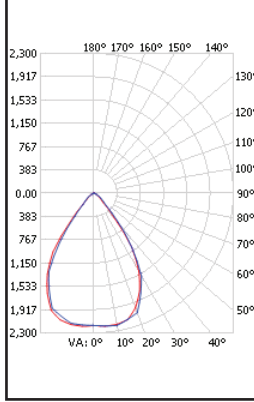
6" SQUARE FLANGELESS DOWNLIGHT

PRIME 6" DOWNLIGHT

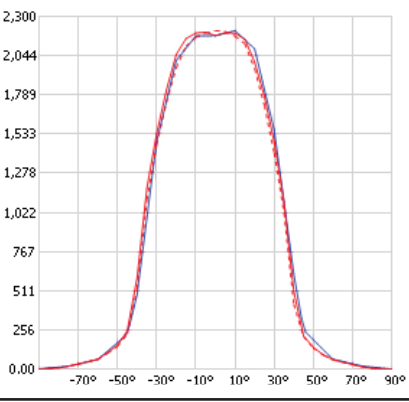
RPA6-31L-80°

Test Date 2020-02-01
 Lumens 2809 lm
 Watts 37.70 W
 CCT 3000K

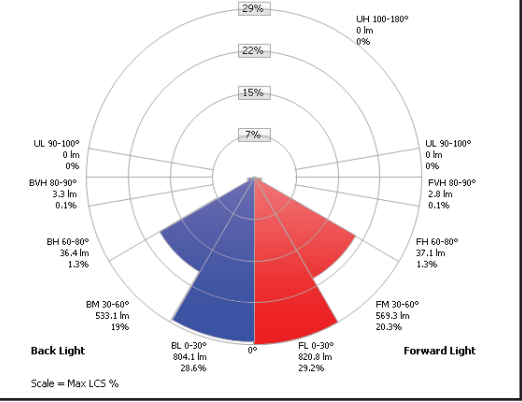
Polar candela distribution



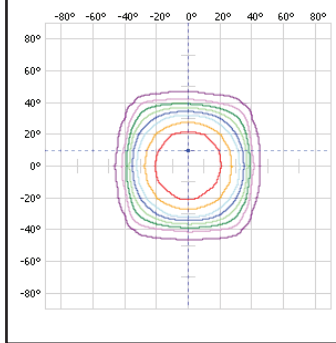
Candela distribution



LCS Graph



Isocandela plot



ZONAL LUMEN SUMMARY

ZONE	LUMENS	% LAMP	% LUMINAIRE
0-30	1,624.3	57.8%	57.9%
0-40	2,313.9	82.4%	82.5%
0-60	2,726.4	97.1%	97.2%
60-90	79.6	2.8%	2.8%
0-90	2,806.0	99.9%	100%

- Cd: 1,987, 90%
 - Cd: 1,656, 75%
 - Cd: 1,325, 60%
 - Cd: 1,104, 50%
 - Cd: 883, 40%
 - Cd: 662, 30%
 - Cd: 442, 20%
 - Cd: 221, 10%
- Point of Max Cd: 2,207.9

Candela table

	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90
90	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0
80	0	2	3	4	6	8	10	12	13	13	13	12	9	7	5	4	2	2	0
70	0	3	5	10	16	22	28	33	35	35	34	31	26	19	13	8	4	2	0
60	0	4	8	19	31	42	55	62	65	64	63	60	51	39	27	16	7	2	0
50	0	5	15	31	50	96	142	176	190	192	179	160	130	89	46	28	11	3	0
40	0	6	21	43	75	154	433	558	623	621	538	429	307	142	70	40	17	4	0
30	0	7	26	53	112	230	817	1171	1473	1559	1443	1134	743	219	103	50	23	5	0
20	0	8	30	60	137	345	1211	1717	2011	2090	1995	1664	1108	299	125	57	27	6	0
10	0	8	32	63	150	523	1464	1966	2164	2208	2173	1960	1410	424	139	61	29	6	0
0	0	8	33	65	156	597	1539	2054	2193	2176	2191	2003	1482	506	141	62	30	6	0
-10	0	8	32	63	150	523	1422	1953	2157	2173	2126	1906	1392	395	136	61	29	6	0
-20	0	8	30	60	137	354	1127	1641	1940	2014	1918	1623	1089	278	120	56	26	6	0
-30	0	7	26	52	113	227	752	1104	1393	1487	1383	1101	726	202	97	49	23	5	0
-40	0	6	21	43	77	149	295	371	446	488	468	410	304	134	65	39	17	5	1
-50	1	6	15	31	49	92	130	156	168	173	168	156	124	84	46	28	12	4	1
-60	1	5	9	19	30	41	53	61	63	64	63	59	51	39	27	17	8	4	1
-70	1	4	6	11	16	21	27	32	33	33	33	30	26	20	14	10	5	3	2
-80	2	3	4	5	7	8	11	12	13	13	12	11	9	7	6	5	4	3	2
-90	2	3	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	2

Illuminance at a distance

HEIGHT(FT)	CENTER BEAM FOOTCANDLE	BEAM SPREAD(FT)		FIELD SPREAD(FT)	
		HORIZONTAL	VERTICAL	HORIZONTAL	VERTICAL
4.00	135.97 FC	5.5	5.5	8.0	8.5
8.00	33.99 FC	11.0	10.9	16.1	17.0
12.00	15.11 FC	16.5	16.4	24.1	25.6
16.00	8.50 FC	22.0	21.9	32.2	34.1
20.00	5.44 FC	27.4	27.3	40.2	42.6
		BEAM ANGLE		FIELD ANGLE	
		68.9°	68.7°	90.3°	93.6°

Lumens per zone

ZONE	LUMENS	% TOTAL
0-10	208.7	7.4%
10-20	597.8	21.3%
20-30	817.9	29.1%
30-40	689.5	24.6%
40-50	297.0	10.6%
50-60	115.5	4.1%
60-70	52.0	1.9%
70-80	21.5	0.8%
80-90	6.1	0.2%

Flood summary

	EFFICIENCY	LUMENS	HORIZONTAL SPREAD	VERTICAL SPREAD
FIELD (10%):	91.9%	2,582.7	90.3	93.6
BEAM (50%):	72.8%	2,045.8	68.9	68.7
TOTAL:	99.8%	2,802.9		

LCS Table

BUG RATING	B2 - UX - G0	
FORWARD LIGHT	LUMENS	LUMENS %
LOW(0-30):	820.8	29.2%
MEDIUM(30-60):	569.3	20.3%
HIGH(60-80):	37.1	1.3%
VERY HIGH(80-90):	2.8	0.1%
BACK LIGHT		
LOW(0-30):	804.1	28.6%
MEDIUM(30-60):	533.1	19%
HIGH(60-80):	36.4	1.3%
VERY HIGH(80-90):	3.3	0.1%
TRAPPED LIGHT:	2.1	0.1%

PRIME

PRIME 6" LED ARCHITECTURAL

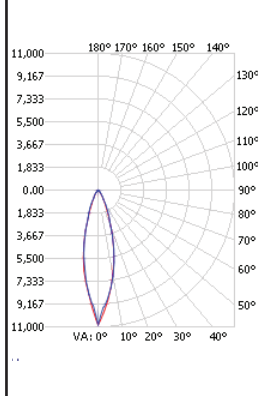
6" SQUARE FLANGELESS DOWNLIGHT

PRIME 6" DOWNLIGHT

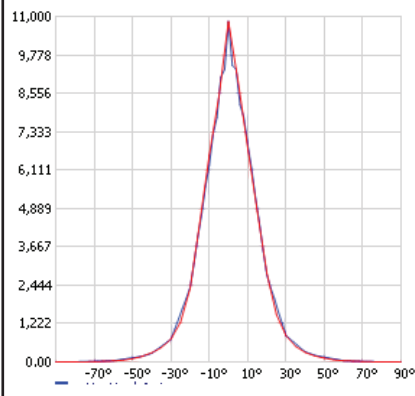
RPA6-34L-18°

Test Date 2020-02-01
 Lumens 3304.8 lm
 Watts 44.71 W
 CCT 3000K

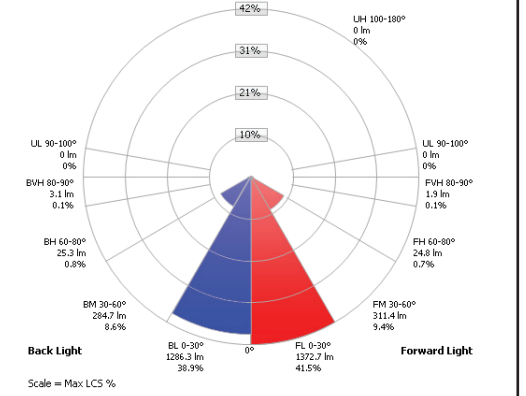
Polar candela distribution



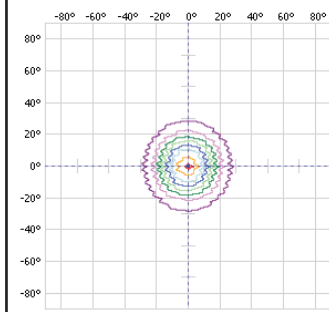
Candela distribution



LCS Graph



Isocandela plot



ZONAL LUMEN SUMMARY

ZONE	LUMENS	% LAMP	% LUMINAIRE
0-30	2,654.0	80.3%	80.3%
0-40	2,981.8	90.2%	90.2%
0-60	3,250.2	98.3%	98.3%
60-90	55.1	1.7%	1.7%
0-90	3,305.3	100%	100%

- Cd: 9,760, 90%
- Cd: 8,134, 75%
- Cd: 6,507, 60%
- Cd: 5,422, 50%
- Cd: 4,338, 40%
- Cd: 3,253, 30%
- Cd: 2,169, 20%
- Cd: 1,084, 10%
- Point of Max Cd: 10,845.0

Candela table

	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90	
90	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
80	0	1	2	3	4	5	6	8	8	8	8	7	6	5	4	3	2	2	0	
70	0	2	4	7	10	15	19	22	23	23	22	20	16	12	8	5	2	1	0	
60	0	2	5	11	18	26	36	42	44	44	44	42	36	26	18	11	5	2	0	
50	0	4	10	21	37	78	130	148	156	155	147	130	102	57	28	16	6	2	0	
40	0	3	11	25	46	113	230	289	325	330	309	272	224	126	53	27	13	3	0	
30	0	5	18	38	93	224	374	547	773	838	645	429	300	156	59	29	12	3	0	
20	0	4	16	36	91	236	466	928	1950	2789	2104	1058	486	253	106	41	19	5	0	
10	0	6	23	48	137	363	844	2507	5938	6935	4453	1576	553	234	91	37	15	3	0	
0	0	4	18	40	110	296	735	2361	6590	10845	6845	2825	846	309	124	45	21	5	0	
-10	0	6	22	48	137	355	828	2394	5498	6269	3966	1458	524	226	88	36	15	3	0	
-20	0	4	16	36	91	230	445	863	1728	2385	1860	960	446	237	100	40	19	5	0	
-30	0	5	18	37	92	217	347	476	653	722	581	391	275	141	55	28	12	3	0	
-40	0	3	11	24	45	106	206	247	272	283	272	245	205	111	49	27	13	4	0	
-50	1	4	11	21	36	72	110	125	135	136	130	119	93	52	28	16	7	3	1	
-60	1	3	6	12	18	26	35	42	44	45	45	43	36	27	19	13	7	4	2	
-70	2	4	6	9	12	16	21	24	25	25	24	22	18	14	11	7	5	4	2	
-80	2	4	4	5	6	7	9	10	11	11	11	10	9	7	6	5	4	4	2	
-90	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	4	4	2

Illuminance at a distance

HEIGHT(FT)	CENTER BEAM FOOTCANDLE	BEAM SPREAD(FT)		FIELD SPREAD(FT)	
		HORIZONTAL	VERTICAL	HORIZONTAL	VERTICAL
4.00	677.81 FC	1.9	1.8	4.2	4.3
8.00	169.45 FC	3.7	3.7	8.3	8.6
12.00	75.31 FC	5.6	5.5	12.5	12.9
16.00	42.36 FC	7.4	7.4	16.6	17.2
20.00	27.11 FC	9.3	9.2	20.8	21.5
		BEAM ANGLE		FIELD ANGLE	
		26.2°		54.9°	
		26.0°		56.6°	

Lumens per zone

ZONE	LUMENS	% TOTAL
0-10	736.0	22.3%
10-20	1,217.6	36.8%
20-30	700.4	21.2%
30-40	327.8	9.9%
40-50	179.2	5.4%
50-60	89.2	2.7%
60-70	35.6	1.1%
70-80	14.6	0.4%
80-90	5.0	0.1%

Flood summary

	EFFICIENCY	LUMENS	HORIZONTAL SPREAD	VERTICAL SPREAD
FIELD (10%):	76.6%	2,532.9	54.9	56.6
BEAM (50%):	32.3%	1,066.9	26.2	26
TOTAL:	99.8%	3,298.3		

LCS Table

BUG RATING	B3 - UX - G0	
FORWARD LIGHT	LUMENS	LUMENS %
LOW(0-30):	1,372.7	41.5%
MEDIUM(30-60):	311.4	9.4%
HIGH(60-80):	24.8	0.7%
VERY HIGH(80-90):	1.9	0.1%
BACK LIGHT		
LOW(0-30):	1,286.3	38.9%
MEDIUM(30-60):	284.7	8.6%
HIGH(60-80):	25.3	0.8%
VERY HIGH(80-90):	3.1	0.1%
TRAPPED LIGHT:	0.000	0%

PRIME

PRIME 6" LED ARCHITECTURAL

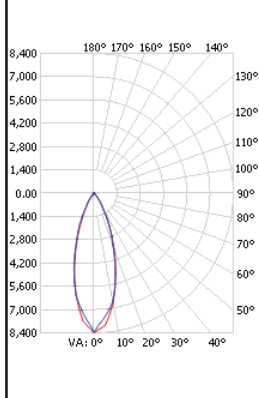
6" SQUARE FLANGELESS DOWNLIGHT

PRIME 6" DOWNLIGHT

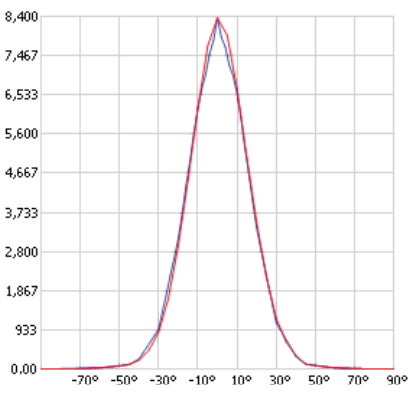
RPA6-34L-30°

Test Date 2020-02-01
 Lumens 3483.7 lm
 Watts 44.57 W
 CCT 3000K

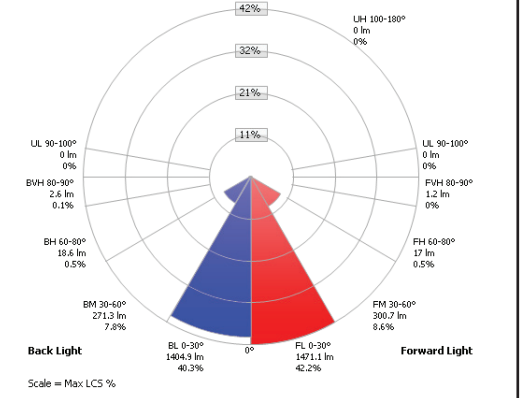
Polar candela distribution



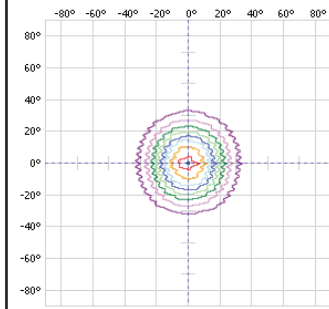
Candela distribution



LCS Graph



Isocandela plot



ZONAL LUMEN SUMMARY

ZONE	LUMENS	% LAMP	% LUMINAIRE
0-30	2,872.0	82.4%	82.4%
0-40	3,256.1	93.5%	93.5%
0-60	3,443.9	98.9%	98.9%
60-90	39.4	1.1%	1.1%
0-90	3,483.3	100%	100%

- Cd: 7,529, 90%
 - Cd: 6,274, 75%
 - Cd: 5,019, 60%
 - Cd: 4,183, 50%
 - Cd: 3,346, 40%
 - Cd: 2,510, 30%
 - Cd: 1,673, 20%
 - Cd: 837, 10%
- Point of Max Cd: 8,365.7

Candela table

	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90
90	0	1	1	0	1	0	0	0	0	0	0	0	0	1	1	1	1	1	0
80	0	1	1	2	2	3	4	5	5	5	5	5	4	3	2	2	1	1	0
70	0	1	3	5	7	10	14	15	16	16	15	14	11	8	5	3	1	1	0
60	0	1	3	7	12	18	26	31	32	32	31	30	24	17	11	7	3	1	0
50	0	2	7	15	28	51	79	87	90	90	86	79	63	38	19	10	3	1	0
40	0	2	7	17	35	73	138	193	264	305	277	211	150	77	37	18	8	2	0
30	0	4	12	28	64	134	292	596	990	1111	861	493	250	93	42	19	7	2	0
20	0	3	11	27	62	141	446	1266	2613	3374	2850	1560	627	206	68	28	12	3	0
10	0	4	16	37	88	293	1073	3124	5722	6577	4674	2254	738	180	60	25	10	2	0
0	0	3	12	30	73	216	888	2947	6218	8366	6688	3506	1212	334	79	32	13	3	0
-10	0	4	16	37	87	289	1049	2981	5355	6222	4536	2134	686	152	59	25	9	2	0
-20	0	3	11	27	62	138	427	1163	2391	3111	2600	1396	537	176	66	28	12	3	0
-30	0	4	12	28	63	130	267	507	834	956	745	418	213	88	40	18	7	2	0
-40	0	2	8	17	34	69	124	165	213	242	230	181	133	72	36	18	8	2	0
-50	1	3	8	15	28	48	70	79	83	84	81	75	60	37	20	11	5	2	1
-60	1	3	5	9	14	20	27	32	34	34	34	32	26	20	14	9	5	3	2
-70	2	4	5	7	10	13	16	18	19	19	19	17	14	11	8	6	4	3	2
-80	2	3	4	5	6	7	8	9	9	9	9	8	7	6	5	5	4	4	3
-90	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3

Illuminance at a distance

HEIGHT(FT)	CENTER BEAM		BEAM SPREAD(FT)		FIELD SPREAD(FT)	
	FOOTCANDLE	HORIZONTAL	HORIZONTAL	VERTICAL	HORIZONTAL	VERTICAL
4.00	522.85 FC	2.4	2.4	5.0	5.1	
8.00	130.71 FC	4.9	4.9	10.0	10.2	
12.00	58.09 FC	7.3	7.3	15.0	15.3	
16.00	32.68 FC	9.7	9.8	20.0	20.4	
20.00	20.91 FC	12.2	12.2	24.9	25.5	
		BEAM ANGLE		FIELD ANGLE		
		33.9° 34.0°		63.9° 65.1°		

Lumens per zone

ZONE	LUMENS	% TOTAL
0-10	666.3	19.1%
10-20	1,287.1	37.0%
20-30	918.6	26.4%
30-40	384.2	11.0%
40-50	130.6	3.8%
50-60	57.2	1.6%
60-70	25.2	0.7%
70-80	10.4	0.3%
80-90	3.8	0.1%

Flood summary

	EFFICIENCY	LUMENS	HORIZONTAL SPREAD	VERTICAL SPREAD
FIELD (10%):	85.3%	2,973.2	63.9	65.1
BEAM (50%):	43.7%	1,522.5	33.9	34
TOTAL:	99.8%	3,476.8		

LCS Table

BUG RATING	B3 - UX - G0	
FORWARD LIGHT	LUMENS	LUMENS %
LOW(0-30):	1,471.1	42.2%
MEDIUM(30-60):	300.7	8.6%
HIGH(60-80):	17.0	0.5%
VERY HIGH(80-90):	1.2	0%
BACK LIGHT		
LOW(0-30):	1,404.9	40.3%
MEDIUM(30-60):	271.3	7.8%
HIGH(60-80):	18.6	0.5%
VERY HIGH(80-90):	2.6	0.1%
TRAPPED LIGHT:	0.000	0%

PRIME

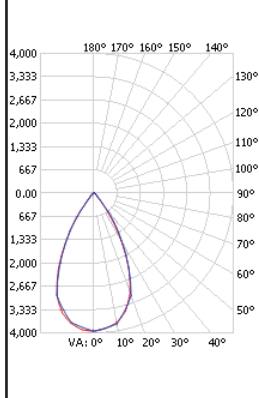
PRIME 6" LED ARCHITECTURAL

6" SQUARE FLANGELESS DOWNLIGHT

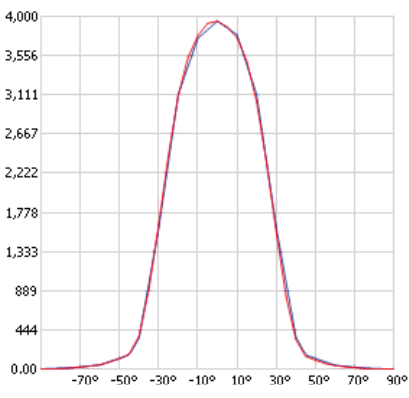
RPA6-34L-60°

Test Date 2020-02-01
 Lumens 3290.5 lm
 Watts 44.68 W
 CCT 3000K

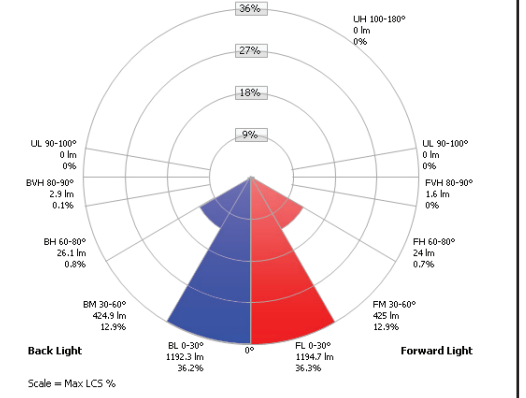
Polar candela distribution



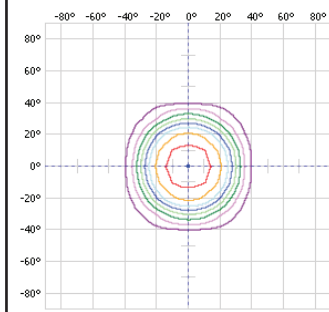
Candela distribution



LCS Graph



Isocandela plot



ZONAL LUMEN SUMMARY

ZONE	LUMENS	% LAMP	% LUMINAIRE
0-30	2,385.4	72.5%	72.5%
0-40	2,968.8	90.2%	90.2%
0-60	3,235.0	98.3%	98.3%
60-90	54.6	1.7%	1.7%
0-90	3,289.6	100%	100%

- Cd: 3,554, 90%
 - Cd: 2,961, 75%
 - Cd: 2,369, 60%
 - Cd: 1,974, 50%
 - Cd: 1,579, 40%
 - Cd: 1,185, 30%
 - Cd: 790, 20%
 - Cd: 395, 10%
- Point of Max Cd: 3,948.6

Candela table

	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90
90	0	1	1	0	1	0	0	0	0	0	0	0	0	1	1	1	1	1	0
80	0	1	2	3	4	5	6	7	7	7	7	6	5	4	3	2	1	1	0
70	0	2	4	7	10	14	18	21	22	22	21	19	15	11	8	5	2	1	0
60	0	2	6	12	20	28	37	43	44	44	43	39	32	23	15	9	4	1	0
50	0	3	10	21	35	68	103	117	122	122	118	110	92	58	28	16	6	2	0
40	0	4	14	29	57	113	196	257	334	372	325	249	184	99	43	23	9	2	0
30	0	5	17	37	84	162	369	817	1385	1612	1361	791	385	148	70	30	13	3	0
20	0	5	20	44	103	241	828	1965	2845	3116	2792	1885	793	200	88	36	15	3	0
10	0	5	21	47	115	330	1389	2824	3606	3795	3581	2776	1370	306	99	39	16	4	0
0	0	6	22	48	120	380	1642	3106	3783	3949	3761	3035	1565	337	102	40	17	4	0
-10	0	5	22	47	116	328	1387	2804	3586	3753	3571	2781	1373	296	99	39	16	4	0
-20	0	5	20	44	106	243	837	1942	2837	3118	2819	1896	796	191	87	36	15	3	0
-30	0	5	17	38	87	166	378	809	1360	1598	1371	821	389	144	69	30	13	3	0
-40	0	4	14	30	60	117	192	245	315	352	318	249	183	100	44	24	10	3	0
-50	1	4	11	22	37	71	103	115	121	123	120	112	94	60	30	17	7	3	1
-60	1	4	7	14	22	30	39	45	47	47	46	43	35	26	18	11	6	3	1
-70	2	4	6	9	12	16	21	24	25	25	24	22	18	14	10	7	4	3	2
-80	2	3	4	5	6	7	9	10	10	10	10	9	8	6	5	4	4	3	2
-90	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	2

Illuminance at a distance

HEIGHT(FT)	CENTER BEAM FOOTCANDLE	BEAM SPREAD(FT)		FIELD SPREAD(FT)	
		HORIZONTAL	VERTICAL	HORIZONTAL	VERTICAL
4.00	246.79 FC	4.2	4.2	6.6	6.7
8.00	61.70 FC	8.4	8.3	13.3	13.3
12.00	27.42 FC	12.6	12.5	19.9	20.0
16.00	15.42 FC	16.8	16.7	26.5	26.6
20.00	9.87 FC	20.9	20.9	33.1	33.3

BEAM ANGLE: 55.3° 55.1° FIELD ANGLE: 79.3° 79.5°

Lumens per zone

ZONE	LUMENS	% TOTAL
0-10	364.7	11.1%
10-20	961.1	29.2%
20-30	1,059.6	32.2%
30-40	583.4	17.7%
40-50	184.0	5.6%
50-60	82.2	2.5%
60-70	35.8	1.1%
70-80	14.2	0.4%
80-90	4.5	0.1%

Flood summary

	EFFICIENCY	LUMENS	HORIZONTAL SPREAD	VERTICAL SPREAD
FIELD (10%):	91.1%	2,996.6	79.3	79.5
BEAM (50%):	64.3%	2,115.5	55.3	55.1
TOTAL:	99.8%	3,285.4		

LCS Table

BUG RATING	B3 - UX - G0	
FORWARD LIGHT	LUMENS	LUMENS %
LOW(0-30):	1,194.7	36.3%
MEDIUM(30-60):	425.0	12.9%
HIGH(60-80):	24.0	0.7%
VERY HIGH(80-90):	1.6	0%
BACK LIGHT		
LOW(0-30):	1,192.3	36.2%
MEDIUM(30-60):	424.9	12.9%
HIGH(60-80):	26.1	0.8%
VERY HIGH(80-90):	2.9	0.1%
TRAPPED LIGHT:	0.000	0%

PRIME

PRIME 6" LED ARCHITECTURAL

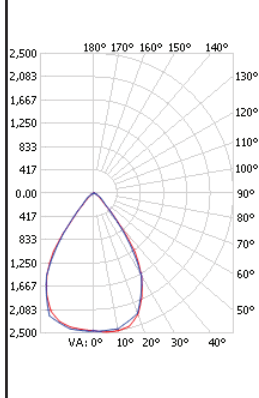
6" SQUARE FLANGELESS DOWNLIGHT

PRIME 6" DOWNLIGHT

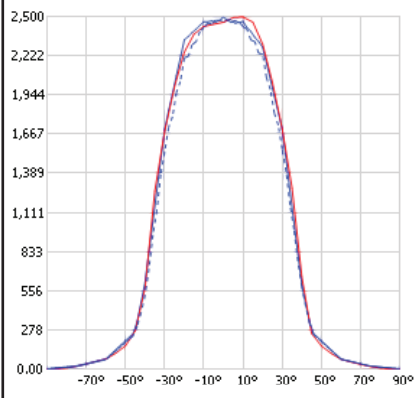
RPA6-34L-80°

Test Date 2020-02-01
 Lumens 3147 lm
 Watts 44.52 W
 CCT 3000K

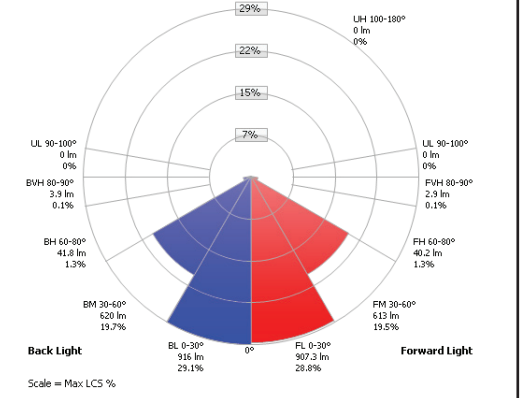
Polar candela distribution



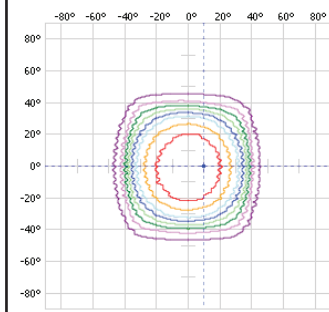
Candela distribution



LCS Graph



Isocandela plot



ZONAL LUMEN SUMMARY

ZONE	LUMENS	% LAMP	% LUMINAIRE
0-30	1,822.7	57.9%	58%
0-40	2,593.6	82.4%	82.5%
0-60	3,055.3	97.1%	97.2%
60-90	89.0	2.8%	2.8%
0-90	3,144.3	99.9%	100%

- Cd: 2,247, 90%
 - Cd: 1,873, 75%
 - Cd: 1,498, 60%
 - Cd: 1,249, 50%
 - Cd: 999, 40%
 - Cd: 749, 30%
 - Cd: 499, 20%
 - Cd: 250, 10%
- Point of Max Cd: 2,497.2

Candela table

90	0	1	1	1	1	1	0	0	0	0	0	1	1	1	1	1	2	2	2	2	0
80	0	2	3	5	6	8	11	13	14	14	13	11	9	7	5	4	2	2	2	2	0
70	0	4	7	13	18	25	32	36	37	37	35	32	26	19	13	8	4	2	0	0	0
60	0	4	9	21	34	46	59	68	71	70	69	65	56	42	29	17	7	3	0	0	0
50	0	6	19	38	61	110	156	185	199	200	189	171	133	88	46	27	9	3	0	0	0
40	0	6	22	47	81	162	396	529	587	601	525	420	324	159	77	44	20	5	0	0	0
30	0	9	33	64	135	289	953	1355	1630	1703	1541	1172	754	208	98	49	21	5	0	0	0
20	0	8	32	66	143	356	1279	1847	2178	2284	2208	1845	1249	374	145	63	30	7	0	0	0
10	0	11	41	80	182	794	1715	2222	2398	2466	2425	2099	1436	358	141	61	28	6	0	0	0
0	0	9	36	72	166	579	1688	2248	2431	2460	2497	2306	1703	657	165	70	34	8	0	0	0
-10	0	11	42	80	185	815	1718	2263	2444	2464	2429	2106	1475	358	141	61	28	6	0	0	0
-20	0	8	33	67	146	367	1259	1863	2223	2334	2234	1893	1306	369	144	63	31	7	0	0	0
-30	0	9	34	65	139	301	910	1337	1632	1700	1559	1202	768	206	96	49	21	5	0	0	0
-40	0	7	23	48	84	167	373	498	578	617	584	500	396	160	77	45	21	6	1	0	0
-50	1	7	20	39	64	113	157	183	198	202	196	179	138	90	48	28	11	4	1	0	0
-60	1	5	11	22	35	47	61	69	72	73	71	67	58	44	31	19	9	4	1	0	0
-70	2	5	8	14	20	26	33	38	39	39	38	34	28	21	15	10	5	4	2	0	0
-80	2	4	5	6	8	10	13	15	16	16	15	14	11	9	7	6	4	4	2	0	0
-90	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	4	4	2	0

Illuminance at a distance

HEIGHT(FT)	CENTER BEAM		BEAM SPREAD(FT)		FIELD SPREAD(FT)	
	FOOTCANDLE	HORIZONTAL	HORIZONTAL	VERTICAL	HORIZONTAL	VERTICAL
4.00	153.75 FC	5.6	5.2	8.2	8.2	
8.00	38.44 FC	11.3	10.5	16.3	16.4	
12.00	17.08 FC	16.9	15.7	24.5	24.6	
16.00	9.61 FC	22.6	20.9	32.7	32.8	
20.00	6.15 FC	28.2	26.1	40.8	41.1	
		BEAM ANGLE		FIELD ANGLE		
		70.4°		91.2°		91.5°

Lumens per zone

ZONE	LUMENS	% TOTAL
0-10	235.1	7.5%
10-20	671.5	21.4%
20-30	916.1	29.1%
30-40	770.9	24.5%
40-50	332.9	10.6%
50-60	128.8	4.1%
60-70	58.0	1.8%
70-80	24.1	0.8%
80-90	6.9	0.2%

Flood summary

	EFFICIENCY	LUMENS	HORIZONTAL SPREAD	VERTICAL SPREAD
FIELD (10%):	91.9%	2,891.6	91.2	91.5
BEAM (50%):	72.5%	2,281.1	70.4	66.3
TOTAL:	99.8%	3,141.5		

LCS Table

BUG RATING	B2 - UX - G0	
FORWARD LIGHT	LUMENS	LUMENS %
LOW(0-30):	907.3	28.8%
MEDIUM(30-60):	613.0	19.5%
HIGH(60-80):	40.2	1.3%
VERY HIGH(80-90):	2.9	0.1%
BACK LIGHT		
LOW(0-30):	916.0	29.1%
MEDIUM(30-60):	620.0	19.7%
HIGH(60-80):	41.8	1.3%
VERY HIGH(80-90):	3.9	0.1%
TRAPPED LIGHT:	1.7	0.1%

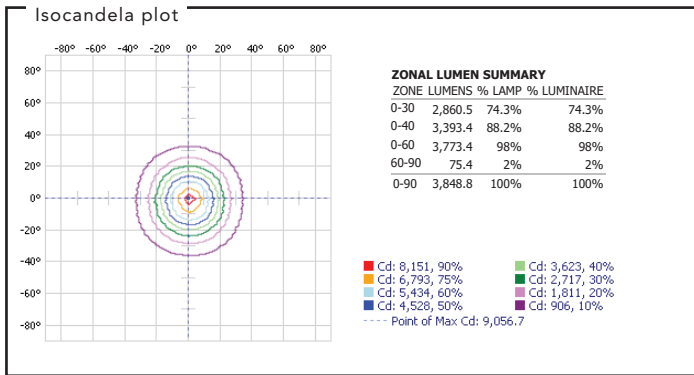
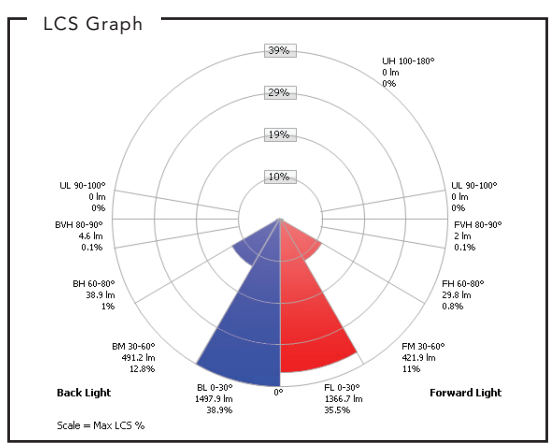
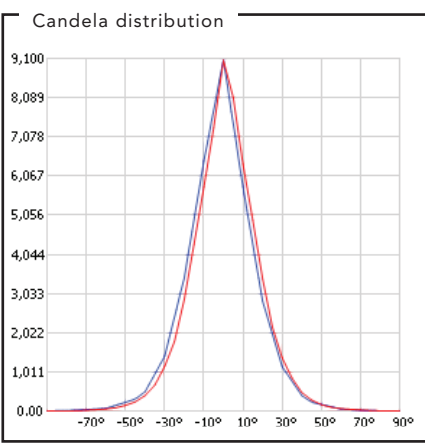
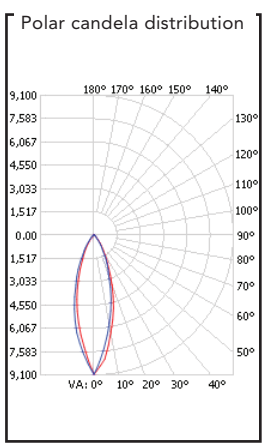
PRIME

PRIME 6" LED ARCHITECTURAL

6" SQUARE FLANGELESS DOWNLIGHT

PRIME 6" DOWNLIGHT

RPA6-40L-18°
 Test Date 2020-02-01
 Lumens 3849 lm
 Watts 57.96 W
 CCT 3000K



Candela table

	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90
90	0	2	1	1	1	1	1	1	1	1	0	0	1	1	1	2	2	2	0
80	0	2	2	3	4	5	6	7	8	8	8	7	7	7	5	4	4	3	0
70	0	2	4	7	11	15	20	24	25	26	25	24	20	15	11	7	4	2	0
60	0	2	6	12	21	30	41	50	53	54	53	51	43	32	23	14	7	3	0
50	0	3	10	23	40	78	131	158	169	172	166	153	127	78	40	23	10	3	0
40	0	4	14	32	57	132	273	340	386	402	386	344	286	150	66	36	17	5	0
30	0	5	20	45	94	234	452	723	1027	1145	1017	722	462	244	94	44	20	5	0
20	0	5	22	50	118	299	682	1351	2275	2838	2407	1517	798	363	137	55	26	7	0
10	0	7	26	57	151	400	1075	2439	4633	5793	4697	2500	1107	414	147	57	26	6	0
0	0	6	25	56	149	402	1157	2886	5785	9057	6370	3416	1372	481	167	62	29	7	0
-10	0	7	27	58	156	415	1164	2676	5072	6463	5214	2772	1161	421	150	57	26	6	0
-20	0	6	23	52	129	327	781	1556	2701	3440	2987	1776	887	380	143	57	27	7	0
-30	0	6	22	48	111	270	506	862	1241	1418	1280	880	512	261	103	47	22	6	0
-40	0	5	16	36	66	160	313	395	470	502	498	424	341	177	76	40	19	6	0
-50	1	5	13	28	48	99	169	200	220	231	229	213	180	98	48	28	13	5	1
-60	1	4	8	17	27	40	54	63	67	69	69	67	58	43	31	20	10	5	2
-70	2	5	7	11	16	23	30	35	38	39	39	37	31	24	18	12	8	5	2
-80	3	5	5	7	8	11	13	15	17	17	17	16	14	12	9	8	6	6	3
-90	3	4	5	5	5	5	5	5	5	5	4	4	4	4	4	4	5	5	3

Illuminance at a distance

HEIGHT(FT)	CENTER BEAM FOOTCANDLE	BEAM SPREAD(FT)		FIELD SPREAD(FT)	
		HORIZONTAL	VERTICAL	HORIZONTAL	VERTICAL
4.00	566.04 FC	2.2	2.2	5.3	5.5
8.00	141.51 FC	4.4	4.4	10.6	11.0
12.00	62.89 FC	6.6	6.6	15.9	16.4
16.00	35.38 FC	8.7	8.8	21.2	21.9
20.00	22.64 FC	10.9	11.0	26.5	27.4
		BEAM ANGLE		FIELD ANGLE	
		30.6° 30.7°		67.1° 68.8°	

Lumens per zone

ZONE	LUMENS	% TOTAL
0-10	660.2	17.2%
10-20	1,241.0	32.2%
20-30	959.3	24.9%
30-40	532.9	13.8%
40-50	257.9	6.7%
50-60	122.2	3.2%
60-70	49.0	1.3%
70-80	19.8	0.5%
80-90	6.6	0.2%

Flood summary

	EFFICIENCY	LUMENS	HORIZONTAL SPREAD	VERTICAL SPREAD
FIELD (10%):	81.2%	3,126.1	67.1	68.8
BEAM (50%):	33.5%	1,291.0	30.6	30.7
TOTAL:	99.8%	3,841.8		

LCS Table

BUG RATING	B3 - UX - G0	
FORWARD LIGHT	LUMENS	LUMENS %
LOW(0-30):	1,366.7	35.5%
MEDIUM(30-60):	421.9	11%
HIGH(60-80):	29.8	0.8%
VERY HIGH(80-90):	2.0	0.1%
BACK LIGHT		
LOW(0-30):	1,497.9	38.9%
MEDIUM(30-60):	491.2	12.8%
HIGH(60-80):	38.9	1%
VERY HIGH(80-90):	4.6	0.1%
TRAPPED LIGHT:	0.000	0%

PRIME

PRIME 6" LED ARCHITECTURAL

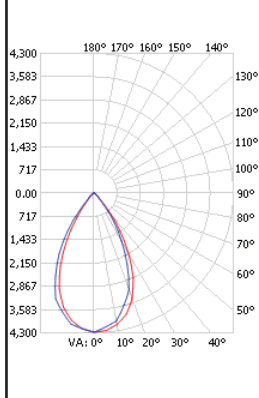
6" SQUARE FLANGELESS DOWNLIGHT

PRIME 6" DOWNLIGHT

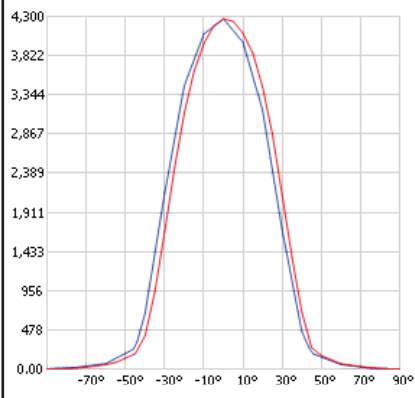
RPA6-40L-60°

Test Date 2020-02-01
 Lumens 3821.2 lm
 Watts 57.98 W
 CCT 3000K

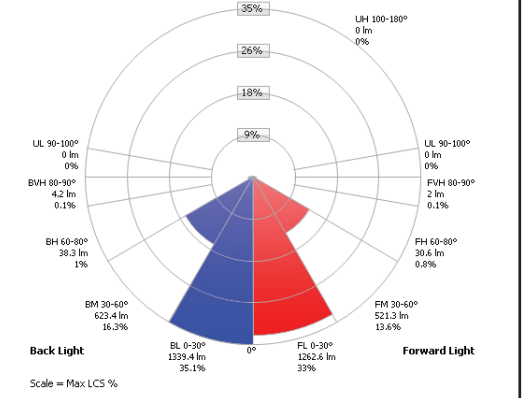
Polar candela distribution



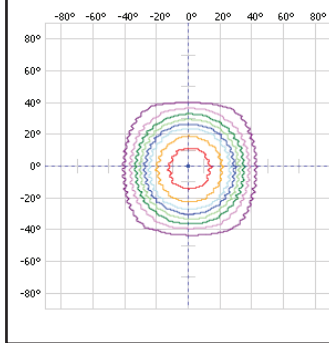
Candela distribution



LCS Graph



Isocandela plot



ZONAL LUMEN SUMMARY

ZONE	LUMENS	% LAMP	% LUMINAIRE
0-30	2,600.3	68.1%	68.1%
0-40	3,355.9	87.8%	87.9%
0-60	3,744.7	98%	98%
60-90	75.2	2%	2%
0-90	3,819.9	100%	100%

- Cd: 3,846, 90%
 - Cd: 3,205, 75%
 - Cd: 2,564, 60%
 - Cd: 2,137, 50%
 - Cd: 1,709, 40%
 - Cd: 1,282, 30%
 - Cd: 855, 20%
 - Cd: 427, 10%
- Point of Max Cd: 4,273.5

Candela table

	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90
90	0	1	1	1	1	1	1	1	0	0	0	0	0	1	1	2	2	2	0
80	0	1	2	3	4	5	6	7	8	8	8	8	7	6	5	4	3	2	0
70	0	2	4	7	11	16	21	25	26	27	26	25	21	16	11	7	4	2	0
60	0	2	6	12	21	30	41	50	55	56	55	53	46	35	24	15	7	3	0
50	0	4	11	24	41	79	120	141	147	148	144	136	117	79	41	24	10	3	0
40	0	4	12	31	55	122	248	347	428	460	422	342	265	150	76	39	18	5	0
30	0	6	21	46	100	204	542	1019	1518	1698	1474	946	518	207	99	45	20	5	0
20	0	5	20	48	111	239	892	1914	2803	3155	2965	2211	1163	414	142	59	28	7	0
10	0	7	27	59	145	499	1680	3008	3771	3990	3743	2919	1567	452	140	57	26	6	0
0	0	5	24	55	134	407	1678	3124	3974	4274	4095	3442	2121	698	165	68	32	8	0
-10	0	7	28	60	151	548	1803	3195	3905	4089	3854	3070	1679	468	142	58	26	6	0
-20	0	5	21	50	120	283	1040	2193	3124	3455	3283	2540	1369	448	145	60	29	8	0
-30	0	6	22	49	115	251	652	1276	1897	2148	1896	1251	631	212	104	47	21	6	0
-40	0	4	14	34	64	143	290	418	573	680	644	502	344	169	85	43	21	7	1
-50	1	5	13	28	49	97	145	168	184	194	198	189	160	95	48	29	13	5	1
-60	1	4	8	16	26	38	52	62	66	69	69	67	59	44	32	21	10	6	2
-70	2	4	7	11	16	22	29	34	37	38	38	36	30	23	17	12	7	5	2
-80	2	4	5	6	8	9	12	14	16	16	16	16	15	13	11	9	7	6	3
-90	3	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	3

Illuminance at a distance

HEIGHT(FT)	CENTER BEAM		BEAM SPREAD(FT)		FIELD SPREAD(FT)	
	FOOTCANDLE	HORIZONTAL	HORIZONTAL	VERTICAL	HORIZONTAL	VERTICAL
4.00	267.09 FC	4.3	4.3	7.1	7.2	
8.00	66.77 FC	8.7	8.7	14.1	14.3	
12.00	29.68 FC	13.0	13.0	21.2	21.5	
16.00	16.69 FC	17.3	17.4	28.3	28.6	
20.00	10.68 FC	21.7	21.7	35.3	35.8	
		BEAM ANGLE		FIELD ANGLE		
		56.9°	57.1°	82.9°	83.6°	

Lumens per zone

ZONE	LUMENS	% TOTAL
0-10	391.8	10.3%
10-20	1,026.4	26.9%
20-30	1,182.1	30.9%
30-40	755.6	19.8%
40-50	275.4	7.2%
50-60	113.4	3.0%
60-70	49.2	1.3%
70-80	19.8	0.5%
80-90	6.2	0.2%

Flood summary

	EFFICIENCY	LUMENS	HORIZONTAL SPREAD	VERTICAL SPREAD
FIELD (10%):	90.8%	3,468.9	82.9	83.6
BEAM (50%):	63.4%	2,421.6	56.9	57.1
TOTAL:	99.8%	3,815.1		

LCS Table

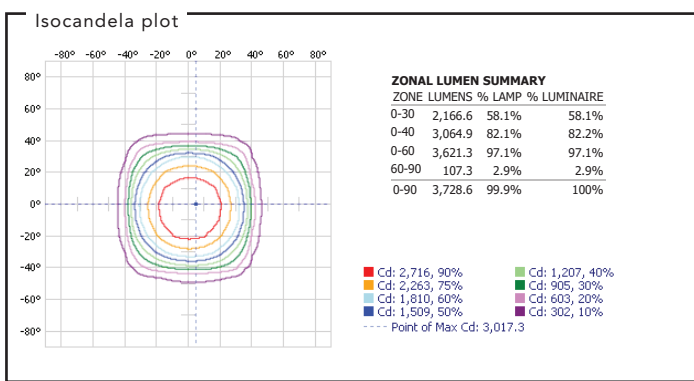
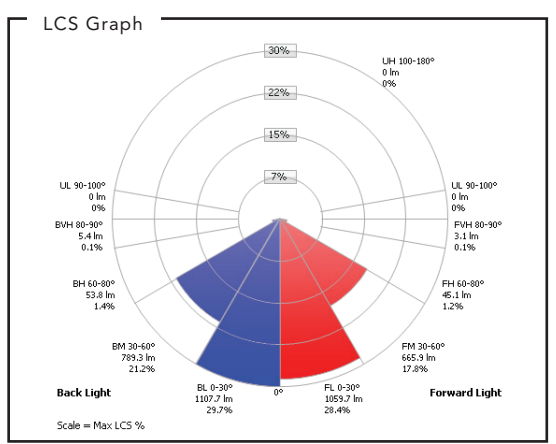
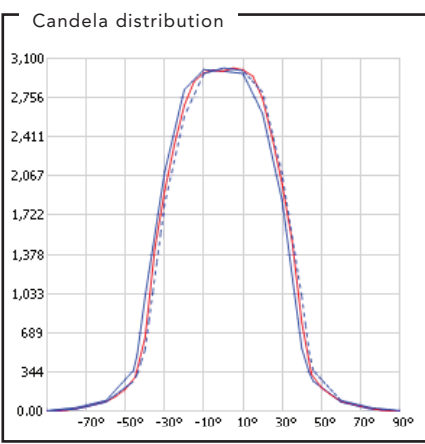
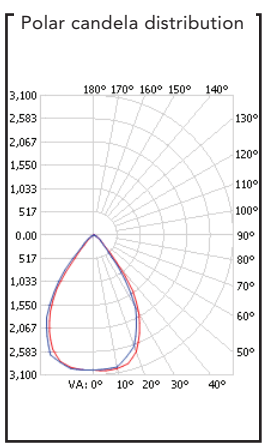
BUG RATING	B3 - UX - G0	
FORWARD LIGHT	LUMENS	LUMENS %
LOW(0-30):	1,262.6	33%
MEDIUM(30-60):	521.3	13.6%
HIGH(60-80):	30.6	0.8%
VERY HIGH(80-90):	2.0	0.1%
BACK LIGHT		
LOW(0-30):	1,339.4	35.1%
MEDIUM(30-60):	623.4	16.3%
HIGH(60-80):	38.3	1%
VERY HIGH(80-90):	4.2	0.1%
TRAPPED LIGHT:	0.000	0%

PRIME

PRIME 6" LED ARCHITECTURAL

6" SQUARE FLANGELESS DOWNLIGHT

RPA6-40L-80°
 Test Date 2020-02-01
 Lumens 3731.3 lm
 Watts 57.97 W
 CCT 3000K



Candela table

	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90		
90	0	2	1	1	2	1	1	1	1	1	1	1	1	1	1	1	2	3	2	0	
80	0	2	3	4	6	8	10	11	12	13	13	12	11	8	7	5	4	3	0		
70	0	3	5	10	17	23	30	36	39	39	37	32	25	18	12	6	4	0			
60	0	3	9	20	33	48	63	75	79	80	80	76	66	50	36	22	10	4	0		
50	0	5	14	35	59	108	159	196	205	209	207	197	167	118	62	39	18	6	0		
40	0	6	23	51	85	180	351	452	520	551	517	444	357	192	93	55	26	7	0		
30	0	7	30	64	129	271	915	1348	1713	1848	1738	1362	924	300	147	69	34	9	0		
20	0	8	36	75	165	385	1369	2036	2480	2615	2498	2069	1389	443	180	79	39	10	0		
10	0	9	39	81	185	551	1757	2496	2876	2968	2929	2581	1841	687	202	85	43	10	0		
0	0	9	40	83	195	648	1938	2688	2974	2990	3000	2748	1994	778	208	87	44	11	0		
-10	0	9	39	82	190	601	1838	2592	2956	3003	2971	2664	1933	728	205	86	44	11	0		
-20	0	9	37	77	173	439	1487	2226	2694	2826	2718	2266	1576	530	185	81	40	10	0		
-30	0	8	32	68	142	304	1014	1538	1956	2104	1989	1611	1069	324	156	72	36	9	0		
-40	1	7	26	55	97	203	506	731	908	1007	976	822	615	215	106	60	29	9	1		
-50	1	6	18	40	65	126	188	236	266	280	275	255	210	137	71	44	22	8	1		
-60	1	5	11	25	40	57	74	86	91	93	94	91	80	61	45	29	13	7	2		
-70	2	5	8	14	21	30	40	47	51	52	52	49	43	33	24	17	9	6	2		
-80	2	5	5	8	10	12	16	20	21	22	22	21	18	14	11	9	7	6	2		
-90	3	4	4	5	5	4	4	4	4	4	4	4	4	4	4	4	4	4	5	3	

Illuminance at a distance

HEIGHT(FT)	CENTER BEAM		BEAM SPREAD(FT)		FIELD SPREAD(FT)	
	FOOTCANDLE	HORIZONTAL	HORIZONTAL	VERTICAL	HORIZONTAL	VERTICAL
4.00	186.85 FC	5.5	5.4	8.1	8.5	
8.00	46.71 FC	11.0	10.7	16.3	17.0	
12.00	20.76 FC	16.5	16.1	24.4	25.5	
16.00	11.68 FC	22.1	21.5	32.5	34.0	
20.00	7.47 FC	27.6	26.9	40.6	42.5	
		BEAM ANGLE		FIELD ANGLE		
		69.1°		67.8°		90.9° 93.5°

Lumens per zone

ZONE	LUMENS	% TOTAL
0-10	285.2	7.6%
10-20	806.6	21.6%
20-30	1,074.8	28.8%
30-40	898.3	24.1%
40-50	399.5	10.7%
50-60	156.9	4.2%
60-70	70.0	1.9%
70-80	28.9	0.8%
80-90	8.5	0.2%

Flood summary

	EFFICIENCY	LUMENS	HORIZONTAL SPREAD	VERTICAL SPREAD
FIELD (10%):	91.7%	3,421.6	90.9	93.5
BEAM (50%):	71.2%	2,656.6	69.1	67.8
TOTAL:	99.8%	3,724.5		

LCS Table

BUG RATING	B3 - UX - G0	
FORWARD LIGHT	LUMENS	LUMENS %
LOW(0-30):	1,059.7	28.4%
MEDIUM(30-60):	665.9	17.8%
HIGH(60-80):	45.1	1.2%
VERY HIGH(80-90):	3.1	0.1%
BACK LIGHT		
LOW(0-30):	1,107.7	29.7%
MEDIUM(30-60):	789.3	21.2%
HIGH(60-80):	53.8	1.4%
VERY HIGH(80-90):	5.4	0.1%
TRAPPED LIGHT:	1.4	0%