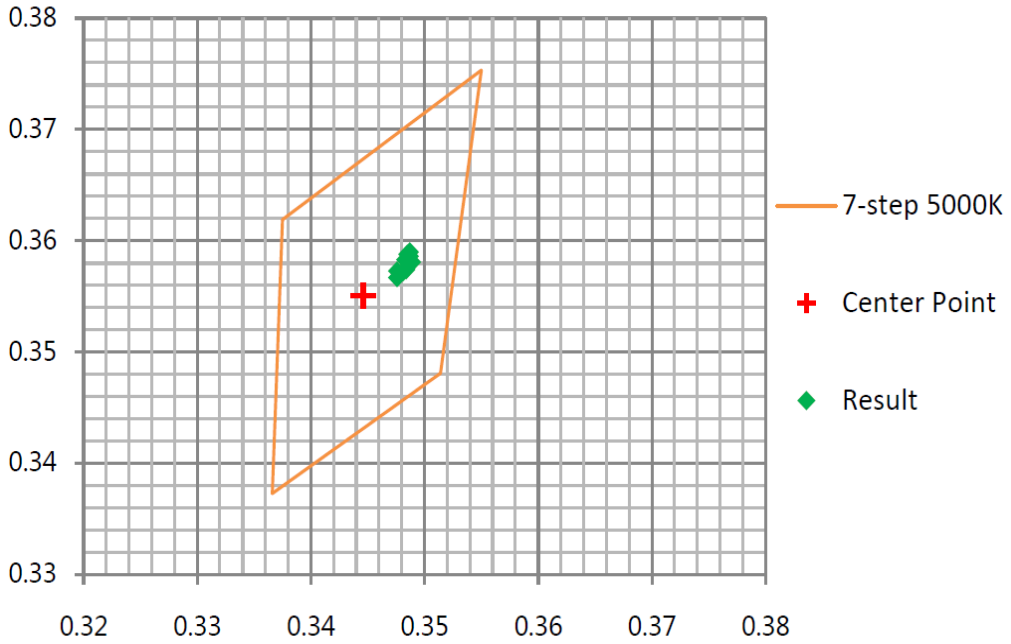
Company: RAB Lighting Inc.
Model Name: A19-6-E26-950-DIM

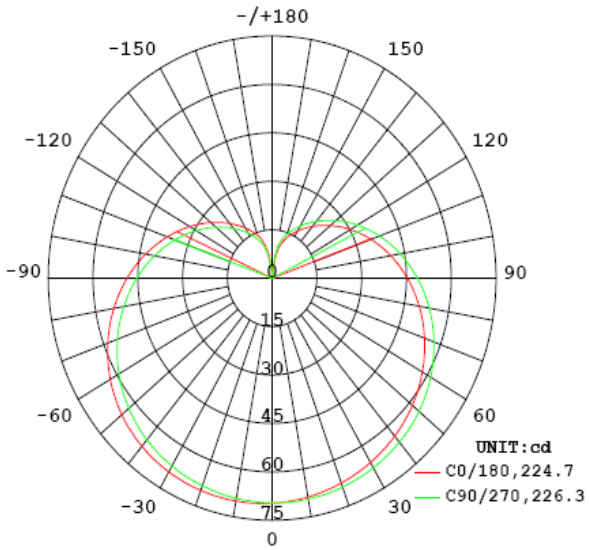
Initial Photometric and Electrical

Model Name	Voltage(V)	Current(A)	Power(W)	Power Factor	Luminous Flux(lm)	Efficacy(lm/W)	CCT(K)
A19-6-E26-950-DIM	120	0.05378	5.963	0.9233	558	93.57	4908
	Ra	R9	Rf	Rg	x	y	Duv
	94	80	90	98	0.3481	0.3572	0.00162

7-step chromaticity quadrangles per ANSI/ANSLG C78.377-2015



Luminous Intensity Distribution Diagram



Model Name	Orientation	Beam Angle (Deg)	CBCP (cd)
A19-6-E26-950-DIM	VBU	225.5	70.12

Zonal Lumen Density

Deg	Flux (lm)	%
0-5	1.7	0.29
0-10	6.6	1.17
0-15	14.8	2.63
0-20	26.2	4.64
0-25	40.6	7.18
0-30	57.7	10.22
0-35	77.5	13.71
0-40	99.6	17.63
0-45	123.8	21.91
0-50	149.7	26.50
0-55	177.0	31.33
0-60	205.3	36.33
0-65	234.2	41.44
0-70	263.2	46.59
0-75	292.2	51.71
0-80	320.6	56.73
0-85	348.1	61.61
0-90	374.5	66.28

Deg	Flux (lm)	%
0-95	399.5	70.71
0-100	422.9	74.85
0-105	444.5	78.67
0-110	464.3	82.17
0-115	482.0	85.31
0-120	497.8	88.10
0-125	511.6	90.55
0-130	523.6	92.66
0-135	533.7	94.45
0-140	542.1	95.93
0-145	548.9	97.14
0-150	554.3	98.10
0-155	558.5	98.84
0-160	561.5	99.38
0-165	563.6	99.74
0-170	564.7	99.94
0-175	565.0	100.00
0-180	565.0	100.00

Gamma	Φ=0DEG		Φ=22.5DEG		Φ=45DEG		Φ=67.5DEG	
	I_θ (cd)	$(I_\theta - I_{AVG})/I_{AVG}$	I_θ (cd)	$(I_\theta - I_{AVG})/I_{AVG}$	I_θ (cd)	$(I_\theta - I_{AVG})/I_{AVG}$	I_θ (cd)	$(I_\theta - I_{AVG})/I_{AVG}$
0	70	28.54%	70	28.35%	70	28.48%	70	28.51%
5	70	29.04%	70	28.81%	70	28.77%	70	28.52%
10	70	29.29%	70	28.92%	70	28.72%	70	28.25%
15	70	29.22%	70	28.92%	70	28.48%	69	27.88%
20	70	28.98%	70	28.53%	69	27.97%	69	27.16%
25	70	28.53%	69	28.01%	69	27.25%	69	26.35%
30	69	27.81%	69	27.18%	68	26.35%	68	25.21%
35	69	26.77%	68	26.07%	68	25.05%	67	23.80%
40	68	25.34%	68	24.56%	67	23.46%	66	22.05%
45	67	23.53%	66	22.60%	66	21.41%	65	19.91%
50	66	21.26%	65	20.28%	65	18.99%	64	17.38%
55	64	18.62%	64	17.49%	63	16.11%	62	14.40%
60	63	15.55%	62	14.25%	61	12.86%	60	11.12%
65	61	12.04%	60	10.66%	59	9.20%	58	7.47%
70	59	8.22%	58	6.64%	57	5.22%	56	3.49%
75	56	3.89%	55	2.33%	55	0.88%	54	0.80%
80	54	0.66%	53	2.25%	52	3.68%	51	5.30%
85	51	5.38%	50	7.00%	50	8.41%	49	10.05%
90	49	10.32%	48	11.92%	47	13.36%	46	14.85%
95	46	15.36%	45	16.98%	44	18.34%	43	19.81%
100	43	20.52%	42	22.08%	42	23.43%	41	24.80%
105	40	25.67%	39	27.20%	39	28.50%	38	29.84%
110	37	30.86%	37	32.32%	36	33.58%	35	34.83%
115	35	35.98%	34	37.34%	33	38.56%	33	39.78%
120	32	41.00%	31	42.28%	31	43.44%	30	44.61%
125	29	45.83%	29	47.05%	28	48.17%	27	49.28%
130	27	50.50%	26	51.66%	26	52.72%	25	53.77%

Gamma	Φ=90DEG		Φ=112.5DEG		Φ=135DEG		Φ=157.5DEG	
	I_θ (cd)	$(I_\theta - I_{AVG})/I_{AVG}$	I_θ (cd)	$(I_\theta - I_{AVG})/I_{AVG}$	I_θ (cd)	$(I_\theta - I_{AVG})/I_{AVG}$	I_θ (cd)	$(I_\theta - I_{AVG})/I_{AVG}$
0	70	28.31%	70	28.38%	70	28.38%	70	28.31%
5	69	28.17%	69	27.92%	69	27.81%	69	27.62%
10	69	27.67%	69	27.31%	69	26.99%	69	26.70%
15	69	27.03%	69	26.44%	68	26.01%	68	25.62%
20	68	26.15%	68	25.44%	68	24.89%	67	24.39%
25	68	25.10%	67	24.20%	67	23.53%	67	22.95%
30	67	23.87%	67	22.78%	66	22.03%	66	21.34%
35	66	22.34%	66	21.06%	65	20.18%	65	19.55%
40	65	20.44%	65	19.08%	64	18.17%	64	17.52%
45	64	18.24%	63	16.78%	63	15.78%	62	15.19%
50	63	15.64%	62	14.14%	61	13.17%	61	12.60%
55	61	12.71%	60	11.16%	60	10.15%	59	9.70%
60	59	9.34%	58	7.87%	58	6.88%	58	6.56%
65	57	5.73%	57	4.25%	56	3.30%	56	3.09%
70	55	1.73%	54	0.32%	54	0.54%	54	0.63%
75	53	2.51%	52	3.84%	52	4.65%	52	4.64%
80	50	6.97%	50	8.20%	49	8.91%	49	8.84%
85	48	11.61%	47	12.70%	47	13.33%	47	13.23%
90	45	16.40%	45	17.39%	44	17.93%	45	17.71%
95	43	21.24%	42	22.16%	42	22.55%	42	22.30%
100	40	26.12%	40	27.01%	39	27.29%	40	26.97%
105	37	31.06%	37	31.85%	37	32.04%	37	31.65%
110	35	35.95%	34	36.68%	34	36.85%	34	36.37%
115	32	40.83%	32	41.46%	32	41.56%	32	41.08%
120	30	45.57%	29	46.13%	29	46.18%	29	45.69%
125	27	50.20%	27	50.67%	27	50.69%	27	50.18%
130	25	54.60%	24	55.05%	24	55.03%	25	54.53%

Gamma	Φ=180DEG		Φ=202.5DEG		Φ=225DEG		Φ=247.5DEG	
	I_θ (cd)	$(I_\theta - I_{AVG})/I_{AVG}$	I_θ (cd)	$(I_\theta - I_{AVG})/I_{AVG}$	I_θ (cd)	$(I_\theta - I_{AVG})/I_{AVG}$	I_θ (cd)	$(I_\theta - I_{AVG})/I_{AVG}$
0	70	28.54%	70	28.35%	70	28.48%	70	28.51%
5	69	27.81%	69	27.82%	69	28.13%	70	28.25%
10	69	26.93%	69	26.94%	69	27.34%	69	27.73%
15	68	25.80%	68	25.86%	69	26.40%	69	27.03%
20	68	24.55%	68	24.67%	68	25.28%	68	26.11%
25	67	23.10%	67	23.32%	67	24.06%	68	25.09%
30	66	21.54%	66	21.82%	66	22.66%	67	23.81%
35	65	19.74%	65	20.17%	66	21.06%	66	22.38%
40	64	17.76%	64	18.22%	65	19.25%	65	20.76%
45	63	15.48%	63	16.09%	64	17.25%	64	18.91%
50	61	13.01%	62	13.62%	62	14.92%	63	16.70%
55	60	10.23%	60	10.89%	61	12.34%	62	14.17%
60	58	7.13%	58	7.87%	59	9.40%	60	11.29%
65	56	3.77%	57	4.59%	58	6.19%	59	8.13%
70	54	0.15%	55	1.02%	56	2.69%	57	4.64%
75	52	3.74%	53	2.73%	54	1.07%	55	0.88%
80	50	7.81%	51	6.75%	51	5.02%	53	3.13%
85	48	12.11%	48	10.90%	49	9.21%	50	7.35%
90	45	16.47%	46	15.24%	47	13.56%	48	11.74%
95	43	21.03%	44	19.75%	44	18.03%	45	16.30%
100	40	25.64%	41	24.32%	42	22.68%	43	20.96%
105	38	30.35%	38	29.03%	39	27.31%	40	25.71%
110	35	35.00%	36	33.70%	37	32.10%	38	30.54%
115	33	39.73%	33	38.38%	34	36.78%	35	35.32%
120	30	44.28%	31	43.00%	32	41.48%	32	40.11%
125	28	48.83%	28	47.53%	29	46.07%	30	44.80%
130	25	53.18%	26	51.95%	27	50.60%	27	49.41%

Gamma	Φ=270DEG		Φ=292.5DEG		Φ=315DEG		Φ=337.5DEG	
	I_θ (cd)	$(I_\theta - I_{AVG})/I_{AVG}$	I_θ (cd)	$(I_\theta - I_{AVG})/I_{AVG}$	I_θ (cd)	$(I_\theta - I_{AVG})/I_{AVG}$	I_θ (cd)	$(I_\theta - I_{AVG})/I_{AVG}$
0	70	28.31%	70	28.38%	70	28.38%	70	28.31%
5	70	28.33%	70	28.61%	70	28.79%	70	28.88%
10	69	28.09%	70	28.60%	70	28.97%	70	29.06%
15	69	27.67%	70	28.31%	70	28.86%	70	29.13%
20	69	27.02%	69	27.82%	70	28.62%	70	28.85%
25	68	26.09%	69	27.13%	69	28.07%	70	28.46%
30	68	25.08%	68	26.26%	69	27.39%	69	27.73%
35	67	23.74%	68	25.19%	69	26.38%	69	26.77%
40	66	22.31%	67	23.90%	68	25.10%	68	25.47%
45	65	20.53%	66	22.16%	67	23.42%	67	23.76%
50	64	18.44%	65	20.15%	66	21.37%	66	21.61%
55	63	15.92%	64	17.66%	64	18.82%	65	19.10%
60	61	13.08%	62	14.82%	63	15.91%	63	16.09%
65	60	9.86%	60	11.56%	61	12.57%	61	12.65%
70	58	6.38%	59	7.97%	59	8.86%	59	8.86%
75	56	2.58%	56	4.05%	57	4.79%	57	4.73%
80	53	1.47%	54	0.13%	54	0.46%	54	0.33%
85	51	5.76%	52	4.60%	52	4.09%	52	4.35%
90	49	10.25%	49	9.21%	49	8.84%	49	9.20%
95	46	14.91%	47	14.03%	47	13.75%	47	14.23%
100	44	19.67%	44	18.93%	44	18.75%	44	19.31%
105	41	24.56%	41	23.88%	41	23.89%	41	24.46%
110	38	29.43%	39	28.88%	39	28.95%	38	29.60%
115	36	34.36%	36	33.87%	36	34.04%	35	34.72%
120	33	39.21%	33	38.78%	33	39.01%	33	39.69%
125	30	43.99%	31	43.65%	30	43.88%	30	44.54%
130	28	48.68%	28	48.37%	28	48.59%	27	49.28%