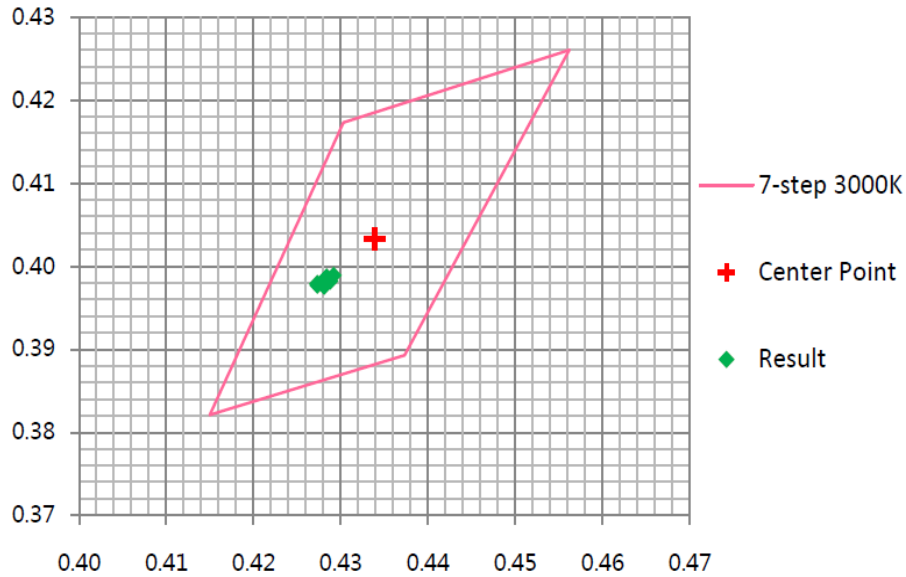


Company: RAB Lighting Inc.
 Model Name: A19-6-E26-830-ND

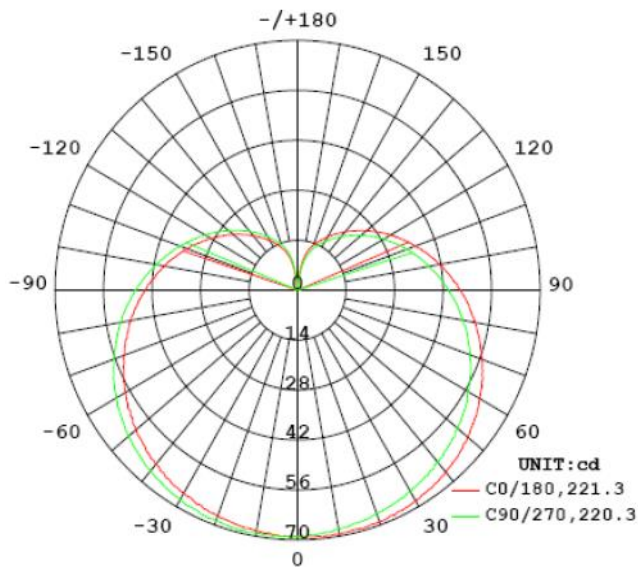
Initial Photometric and Electrical

Model Name	Voltage(V)	Current(A)	Power(W)	Power Factor	Luminous Flux(lm)	Efficacy(lm/W)	CCT(K)
A19-6-E26-830-ND	120	0.0789	5.991	0.6329	547.49	91.38	3116
	Ra	R9	Rf	Rg	x	y	Duv
	83.2	10	83	96	0.4273	0.3977	-0.00117

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



Luminous Intensity Distribution Diagram



Model Name	Orientation	Beam Angle (Deg)	CBCP (cd)
A19-6-E26-830-ND	VBU	220.8	69.76

Zonal Lumen Density

Deg	Flux (lm)	%	Deg	Flux (lm)	%
0-5	1.7	0.30	0-95	390.5	71.08
0-10	6.6	1.20	0-100	413.1	75.18
0-15	14.7	2.68	0-105	433.9	78.97
0-20	26.0	4.73	0-110	452.9	82.43
0-25	40.2	7.31	0-115	470.0	85.54
0-30	57.1	10.40	0-120	485.1	88.29
0-35	76.7	13.95	0-125	498.4	90.70
0-40	98.5	17.92	0-130	509.8	92.78
0-45	122.2	22.25	0-135	519.5	94.54
0-50	147.7	26.87	0-140	527.5	96.00
0-55	174.4	31.74	0-145	534.0	97.19
0-60	202.0	36.77	0-150	539.2	98.13
0-65	230.2	41.89	0-155	543.2	98.85
0-70	258.5	47.05	0-160	546.1	99.38
0-75	286.6	52.16	0-165	548.0	99.74
0-80	314.2	57.18	0-170	549.1	99.94
0-85	340.9	62.03	0-175	549.5	100.00
0-90	366.4	66.68	0-180	549.5	100.00

Gamma	Φ=0DEG		Φ=22.5DEG		Φ=45DEG		Φ=67.5DEG	
	I _θ (cd)	(I _θ - I _{AVG})/I _{AVG}	I _θ (cd)	(I _θ - I _{AVG})/I _{AVG}	I _θ (cd)	(I _θ - I _{AVG})/I _{AVG}	I _θ (cd)	(I _θ - I _{AVG})/I _{AVG}
0	69	30.17%	69	30.17%	69	30.17%	69	30.17%
5	69	29.70%	69	29.94%	69	30.32%	69	30.66%
10	69	29.36%	69	29.32%	69	29.80%	69	30.30%
15	68	28.30%	68	28.49%	69	29.68%	69	30.00%
20	67	27.05%	68	27.32%	68	28.51%	69	29.56%
25	66	25.12%	67	25.93%	68	27.82%	68	28.51%
30	66	23.78%	66	24.62%	67	26.05%	68	27.30%
35	65	21.94%	65	22.49%	66	24.75%	67	25.77%
40	64	20.18%	64	20.74%	65	22.48%	66	23.92%
45	62	17.19%	63	18.33%	64	20.13%	65	21.73%
50	61	14.48%	61	15.64%	62	17.34%	63	19.03%
55	59	11.14%	60	12.43%	61	14.36%	62	16.35%
60	57	8.11%	58	9.40%	59	10.94%	60	12.79%
65	55	4.34%	56	5.60%	57	7.45%	58	9.35%
70	53	0.42%	54	1.72%	55	3.28%	56	4.90%
75	51	4.06%	52	2.71%	53	0.58%	53	0.79%
80	49	8.09%	49	6.72%	50	5.30%	51	4.10%
85	46	12.56%	47	11.26%	48	9.40%	49	8.28%
90	44	16.92%	45	15.98%	46	14.19%	46	13.31%
95	41	22.03%	42	20.66%	43	18.86%	44	17.82%
100	39	26.62%	39	25.63%	40	24.04%	41	23.04%
105	36	31.36%	37	30.26%	38	28.82%	38	27.65%
110	34	35.85%	34	34.98%	35	34.08%	36	32.84%
115	31	40.80%	32	39.75%	33	38.51%	33	37.44%
120	29	45.50%	29	44.43%	30	43.66%	30	42.50%
125	27	50.02%	27	48.95%	28	47.82%	28	47.02%
130	24	54.21%	25	53.46%	25	52.71%	26	51.73%

Gamma	$\phi=90\text{DEG}$		$\phi=112.5\text{DEG}$		$\phi=135\text{DEG}$		$\phi=157.5\text{DEG}$	
	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	69	30.17%	69	30.17%	69	30.17%	69	30.17%
5	69	30.13%	69	31.01%	69	31.00%	69	30.72%
10	69	30.27%	70	31.30%	70	31.22%	69	30.70%
15	69	30.27%	69	30.79%	70	31.53%	69	30.84%
20	69	29.61%	69	30.50%	69	30.85%	69	30.42%
25	68	28.72%	69	29.60%	69	30.54%	69	30.28%
30	68	27.80%	69	29.30%	69	29.27%	68	28.87%
35	67	26.56%	68	27.96%	68	28.44%	68	27.70%
40	66	24.40%	67	26.22%	67	26.56%	67	26.36%
45	65	22.41%	66	23.74%	66	24.92%	66	23.88%
50	64	20.05%	65	22.01%	65	22.29%	65	21.66%
55	62	17.15%	63	19.13%	63	19.24%	63	18.18%
60	60	13.95%	61	15.54%	62	16.23%	61	15.19%
65	59	10.68%	59	11.59%	60	12.59%	59	11.62%
70	56	6.48%	57	7.64%	58	8.82%	57	7.54%
75	54	2.11%	55	3.72%	55	4.07%	55	3.41%
80	52	2.57%	53	0.72%	53	0.43%	52	1.27%
85	49	6.92%	50	5.98%	50	5.33%	50	5.97%
90	47	11.78%	47	10.86%	48	10.42%	47	10.81%
95	44	16.60%	45	15.48%	45	15.54%	45	16.00%
100	42	21.71%	42	20.45%	42	20.59%	42	21.03%
105	39	27.11%	39	25.63%	39	25.78%	39	26.18%
110	36	31.99%	37	30.95%	37	30.75%	36	31.40%
115	34	36.78%	34	35.95%	34	35.98%	34	36.33%
120	31	41.57%	31	40.65%	31	40.73%	31	41.51%
125	28	46.41%	29	45.74%	29	45.77%	29	46.26%
130	26	51.02%	26	50.35%	26	50.14%	26	50.85%

Gamma	$\phi=180\text{DEG}$		$\phi=202.5\text{DEG}$		$\phi=225\text{DEG}$		$\phi=247.5\text{DEG}$	
	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	69	30.17%	69	30.17%	69	30.17%	69	30.17%
5	69	30.31%	69	30.66%	69	29.84%	69	29.94%
10	70	31.19%	69	30.28%	69	29.48%	69	29.33%
15	69	30.43%	69	29.98%	68	28.79%	68	28.12%
20	69	30.33%	68	28.95%	68	27.54%	68	27.50%
25	68	29.13%	68	27.98%	67	26.62%	67	25.77%
30	68	28.44%	67	26.77%	66	25.06%	66	24.65%
35	68	27.41%	66	25.12%	66	23.49%	65	22.32%
40	67	25.56%	66	23.54%	64	21.58%	64	20.43%
45	66	23.68%	64	21.15%	63	19.39%	62	17.80%
50	64	20.62%	63	18.39%	62	16.75%	61	15.18%
55	63	17.83%	61	15.71%	60	13.48%	59	12.04%
60	61	14.65%	60	12.47%	59	10.45%	58	8.80%
65	59	11.26%	58	8.88%	57	6.73%	56	4.95%
70	57	6.81%	56	5.29%	55	2.81%	54	1.46%
75	54	2.50%	53	0.73%	52	1.44%	51	3.02%
80	52	2.17%	51	3.54%	50	5.82%	49	6.99%
85	50	6.18%	49	8.30%	47	10.51%	47	11.53%
90	47	11.27%	46	13.39%	45	15.09%	45	16.08%
95	44	16.39%	43	18.41%	42	19.94%	42	20.90%
100	42	21.53%	41	23.13%	40	24.75%	39	25.68%
105	39	26.47%	38	28.24%	37	29.53%	37	30.69%
110	36	31.57%	35	33.31%	35	34.52%	34	35.41%
115	34	36.56%	33	38.46%	32	39.27%	32	40.28%
120	31	41.71%	30	43.09%	30	44.13%	29	45.07%
125	28	46.49%	28	47.63%	27	48.82%	27	49.83%
130	26	51.13%	25	52.26%	25	53.28%	24	54.12%

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	69	30.17%	69	30.17%	69	30.17%	69	30.17%
5	69	29.23%	68	29.02%	69	30.04%	69	29.38%
10	68	28.26%	68	28.21%	68	28.31%	68	28.44%
15	67	27.08%	67	27.24%	68	27.59%	68	27.41%
20	67	25.81%	67	25.98%	67	25.62%	67	25.67%
25	66	24.22%	66	24.16%	66	24.59%	66	24.60%
30	65	22.93%	65	22.35%	65	22.33%	65	22.38%
35	64	20.55%	64	21.01%	64	20.82%	64	20.89%
40	63	18.74%	63	18.75%	63	18.25%	63	18.63%
45	62	16.06%	62	16.34%	62	16.20%	62	16.23%
50	60	13.68%	60	13.08%	60	13.03%	60	13.53%
55	59	10.69%	59	10.35%	59	10.31%	59	10.43%
60	57	7.41%	57	7.19%	56	6.37%	57	7.10%
65	55	3.96%	55	3.44%	55	3.39%	55	3.50%
70	53	0.02%	53	0.82%	53	0.61%	53	0.35%
75	51	4.23%	50	4.84%	51	4.23%	51	4.08%
80	49	8.46%	48	8.98%	48	8.89%	48	8.68%
85	46	13.14%	46	13.02%	46	13.01%	46	13.08%
90	44	17.67%	44	17.93%	44	17.74%	44	17.66%
95	41	22.41%	41	22.67%	41	22.41%	41	22.46%
100	39	27.31%	39	27.16%	39	27.31%	39	27.07%
105	36	31.94%	36	31.86%	36	32.06%	36	31.69%
110	34	36.64%	34	36.73%	34	36.65%	34	36.48%
115	31	41.46%	31	41.48%	31	41.60%	31	41.10%
120	29	45.77%	28	46.31%	29	46.02%	29	45.90%
125	26	50.59%	26	50.54%	26	50.56%	26	50.43%
130	24	54.80%	24	55.03%	24	54.96%	24	54.82%