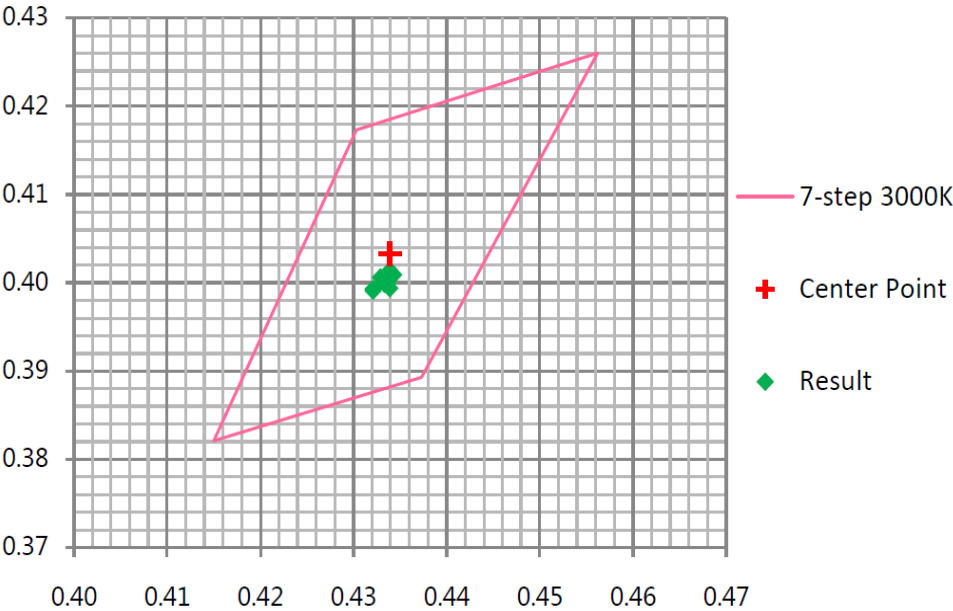


Company: RAB Lighting Inc.
Model Name: A19-6-E26-930-DIM

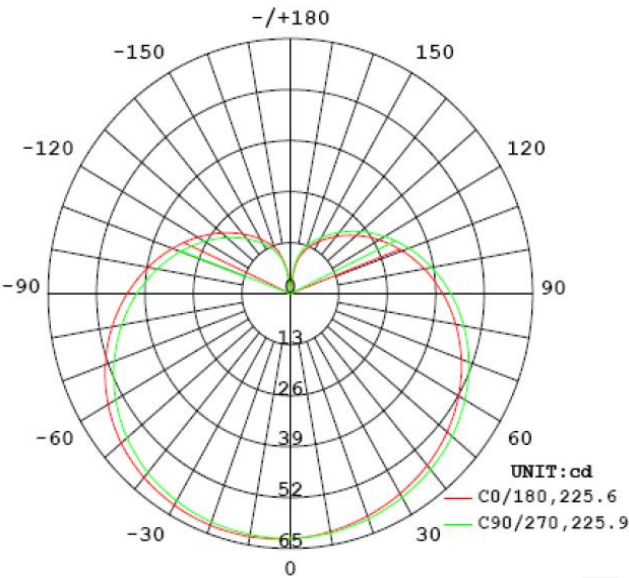
Initial Photometric and Electrical

Model Name	Voltage(V)	Current(A)	Power(W)	Power Factor	Luminous Flux(lm)	Efficacy(lm/W)	CCT(K)
A19-6-E26-930-DIM	120	0.05293	5.872	0.9238	504.7	85.95	3029
	Ra	R9	Rf	Rg	x	y	Duv
	92.1	69	89	102	0.4338	0.401	-0.00141

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



Luminous Intensity Distribution Diagram



Model Name	Orientation	Beam Angle (Deg)	CBCP (cd)
A19-6-E26-930-DIM	VBU	225.8	62.94

Zonal Lumen Density

Deg	Flux (lm)	%	Deg	Flux (lm)	%
0-5	1.5	0.29	0-95	358.6	70.68
0-10	5.9	1.17	0-100	379.6	74.83
0-15	13.3	2.62	0-105	399.0	78.65
0-20	23.5	4.63	0-110	416.8	82.15
0-25	36.3	7.16	0-115	432.7	85.29
0-30	51.7	10.19	0-120	446.9	88.09
0-35	69.4	13.69	0-125	459.3	90.53
0-40	89.3	17.60	0-130	470.0	92.64
0-45	111.0	21.87	0-135	479.1	94.43
0-50	134.2	26.46	0-140	486.6	95.92
0-55	158.7	31.28	0-145	492.8	97.13
0-60	184.1	36.29	0-150	497.7	98.10
0-65	210.0	41.40	0-155	501.4	98.83
0-70	236.2	46.55	0-160	504.2	99.37
0-75	262.1	51.67	0-165	506.0	99.74
0-80	287.7	56.70	0-170	507.0	99.94
0-85	312.4	61.58	0-175	507.3	100.00
0-90	336.1	66.26	0-180	507.3	100.00

Gamma	Φ=0DEG			Φ=22.5DEG			Φ=45DEG			Φ=67.5DEG		
	I ₀ (cd)	(I ₀ -I _{AVG})/I _{AVG}		I ₀ (cd)	(I ₀ -I _{AVG})/I _{AVG}		I ₀ (cd)	(I ₀ -I _{AVG})/I _{AVG}		I ₀ (cd)	(I ₀ -I _{AVG})/I _{AVG}	
0	62	28.35%		62	28.26%		62	28.15%		62	28.23%	
5	63	28.93%		63	28.91%		63	28.71%		63	28.60%	
10	63	29.24%		63	29.23%		63	29.02%		63	28.76%	
15	63	29.31%		63	29.34%		63	29.04%		63	28.65%	
20	63	29.15%		63	29.18%		63	28.89%		62	28.37%	
25	63	28.71%		63	28.83%		62	28.40%		62	27.68%	
30	62	28.04%		62	28.09%		62	27.64%		62	26.80%	
35	62	27.03%		62	27.16%		62	26.57%		61	25.55%	
40	61	25.73%		61	25.70%		61	25.07%		60	23.91%	
45	60	23.98%		60	23.93%		60	23.10%		59	21.83%	
50	59	21.83%		59	21.58%		59	20.73%		58	19.32%	
55	58	19.23%		58	18.83%		57	17.82%		57	16.36%	
60	56	16.13%		56	15.61%		56	14.46%		55	12.94%	
65	55	12.63%		54	11.91%		54	10.69%		53	9.13%	
70	53	8.71%		52	7.88%		52	6.53%		51	4.98%	
75	51	4.40%		50	3.49%		50	2.05%		49	0.52%	
80	49	0.10%		48	1.21%		47	2.64%		47	4.18%	
85	46	4.95%		46	6.08%		45	7.61%		44	8.99%	
90	44	9.94%		43	11.11%		42	12.64%		42	14.05%	
95	41	15.04%		41	16.27%		40	17.85%		39	19.15%	
100	39	20.25%		38	21.45%		37	23.01%		37	24.32%	
105	36	25.46%		36	26.71%		35	28.21%		34	29.46%	
110	34	30.66%		33	31.90%		32	33.34%		32	34.59%	
115	31	35.81%		31	37.06%		30	38.43%		29	39.58%	
120	29	40.84%		28	42.06%		28	43.34%		27	44.46%	
125	26	45.70%		26	46.92%		25	48.14%		25	49.15%	
130	24	50.41%		24	51.55%		23	52.67%		23	53.66%	

Gamma	$\Phi=90\text{DEG}$		$\Phi=112.5\text{DEG}$		$\Phi=135\text{DEG}$		$\Phi=157.5\text{DEG}$	
	I_0 (cd)	$(I_0 - I_{\text{AVG}})/I_{\text{AVG}}$	I_0 (cd)	$(I_0 - I_{\text{AVG}})/I_{\text{AVG}}$	I_0 (cd)	$(I_0 - I_{\text{AVG}})/I_{\text{AVG}}$	I_0 (cd)	$(I_0 - I_{\text{AVG}})/I_{\text{AVG}}$
0	62	28.16%	62	28.06%	62	28.08%	62	28.10%
5	62	28.27%	62	27.95%	62	27.67%	62	27.48%
10	62	28.16%	62	27.49%	62	27.00%	62	26.58%
15	62	27.83%	62	26.91%	61	26.18%	61	25.56%
20	62	27.29%	61	26.11%	61	25.21%	60	24.36%
25	62	26.49%	61	25.16%	60	24.08%	60	22.99%
30	61	25.47%	60	23.91%	60	22.64%	59	21.59%
35	60	24.06%	60	22.44%	59	21.08%	58	19.83%
40	60	22.35%	59	20.58%	58	19.14%	57	17.97%
45	58	20.16%	58	18.38%	57	16.92%	56	15.75%
50	57	17.64%	56	15.78%	56	14.32%	55	13.20%
55	56	14.62%	55	12.80%	54	11.37%	54	10.42%
60	54	11.27%	53	9.45%	53	8.17%	52	7.29%
65	52	7.44%	51	5.78%	51	4.57%	51	3.91%
70	50	3.31%	50	1.82%	49	0.75%	49	0.17%
75	48	1.03%	47	2.49%	47	3.35%	47	3.79%
80	46	5.66%	45	6.92%	45	7.66%	45	7.92%
85	44	10.42%	43	11.56%	43	12.11%	43	12.21%
90	41	15.30%	41	16.34%	41	16.73%	41	16.69%
95	39	20.35%	38	21.19%	38	21.43%	38	21.25%
100	36	25.38%	36	26.13%	36	26.21%	36	25.94%
105	34	30.44%	34	31.09%	34	31.04%	34	30.63%
110	31	35.49%	31	35.96%	31	35.82%	31	35.38%
115	29	40.40%	29	40.78%	29	40.60%	29	40.06%
120	27	45.21%	27	45.49%	27	45.27%	27	44.69%
125	24	49.83%	24	50.06%	24	49.79%	25	49.22%
130	22	54.27%	22	54.43%	22	54.19%	23	53.61%

Gamma	$\Phi=180\text{DEG}$		$\Phi=202.5\text{DEG}$		$\Phi=225\text{DEG}$		$\Phi=247.5\text{DEG}$	
	I_0 (cd)	$(I_0 - I_{\text{AVG}})/I_{\text{AVG}}$	I_0 (cd)	$(I_0 - I_{\text{AVG}})/I_{\text{AVG}}$	I_0 (cd)	$(I_0 - I_{\text{AVG}})/I_{\text{AVG}}$	I_0 (cd)	$(I_0 - I_{\text{AVG}})/I_{\text{AVG}}$
0	62	28.35%	62	28.26%	62	28.15%	62	28.23%
5	62	27.63%	62	27.47%	62	27.45%	62	27.71%
10	62	26.60%	61	26.42%	62	26.54%	62	26.85%
15	61	25.35%	61	25.21%	61	25.31%	61	25.85%
20	60	24.09%	60	23.89%	60	24.07%	61	24.71%
25	60	22.62%	60	22.43%	60	22.60%	60	23.45%
30	59	21.05%	59	20.82%	59	21.15%	59	22.06%
35	58	19.32%	58	19.17%	58	19.48%	59	20.51%
40	57	17.42%	57	17.30%	57	17.72%	58	18.81%
45	56	15.28%	56	15.18%	56	15.67%	57	16.92%
50	55	12.81%	55	12.83%	55	13.41%	56	14.66%
55	54	10.14%	54	10.20%	54	10.81%	55	12.29%
60	52	7.16%	52	7.30%	53	8.02%	53	9.46%
65	51	3.82%	51	4.12%	51	4.85%	52	6.43%
70	49	0.34%	49	0.65%	49	1.46%	50	3.02%
75	47	3.47%	47	3.03%	48	2.15%	48	0.62%
80	45	7.44%	45	6.91%	46	5.99%	46	4.52%
85	43	11.60%	43	11.00%	44	10.07%	44	8.65%
90	41	15.93%	41	15.19%	42	14.27%	42	12.90%
95	39	20.44%	39	19.68%	39	18.80%	40	17.45%
100	36	24.99%	37	24.21%	37	23.32%	38	22.04%
105	34	29.66%	35	28.82%	35	27.92%	36	26.70%
110	32	34.30%	32	33.45%	33	32.56%	33	31.43%
115	30	38.97%	30	38.09%	31	37.22%	31	36.17%
120	27	43.56%	28	42.70%	28	41.87%	29	40.89%
125	25	48.07%	26	47.23%	26	46.41%	26	45.53%
130	23	52.49%	24	51.66%	24	50.88%	24	50.06%

Gamma	$\Phi=270\text{DEG}$		$\Phi=292.5\text{DEG}$		$\Phi=315\text{DEG}$		$\Phi=337.5\text{DEG}$	
	I_0 (cd)	$(I_0 - I_{\text{AVG}})/I_{\text{AVG}}$	I_0 (cd)	$(I_0 - I_{\text{AVG}})/I_{\text{AVG}}$	I_0 (cd)	$(I_0 - I_{\text{AVG}})/I_{\text{AVG}}$	I_0 (cd)	$(I_0 - I_{\text{AVG}})/I_{\text{AVG}}$
0	62	28.16%	62	28.06%	62	28.08%	62	28.10%
5	62	27.85%	62	28.06%	62	28.31%	63	28.57%
10	62	27.28%	62	27.74%	62	28.28%	63	28.77%
15	62	26.49%	62	27.24%	62	28.05%	63	28.75%
20	61	25.61%	62	26.56%	62	27.51%	62	28.47%
25	61	24.52%	61	25.68%	62	26.88%	62	27.90%
30	60	23.28%	61	24.59%	61	26.00%	62	27.18%
35	59	21.93%	60	23.40%	61	24.95%	61	26.12%
40	59	20.30%	59	21.92%	60	23.60%	61	24.87%
45	58	18.45%	58	20.21%	59	21.90%	60	23.23%
50	57	16.39%	57	18.11%	58	19.89%	59	21.15%
55	55	13.96%	56	15.74%	57	17.43%	58	18.64%
60	54	11.21%	55	12.94%	56	14.54%	56	15.71%
65	53	8.19%	53	9.79%	54	11.29%	55	12.30%
70	51	4.73%	52	6.31%	52	7.59%	53	8.56%
75	49	1.10%	50	2.51%	50	3.68%	51	4.45%
80	47	2.91%	48	1.57%	48	0.54%	49	0.12%
85	45	7.05%	46	5.91%	46	5.04%	46	4.58%
90	43	11.45%	44	10.38%	44	9.67%	44	9.42%
95	41	16.09%	41	15.13%	42	14.54%	42	14.45%
100	39	20.80%	39	19.97%	39	19.48%	39	19.49%
105	36	25.58%	37	24.88%	37	24.49%	37	24.65%
110	34	30.43%	34	29.79%	34	29.54%	34	29.76%
115	31	35.26%	32	34.74%	32	34.57%	32	34.86%
120	29	40.11%	29	39.62%	29	39.51%	29	39.87%
125	27	44.78%	27	44.37%	27	44.37%	27	44.74%
130	25	49.40%	25	49.02%	25	49.06%	25	49.46%