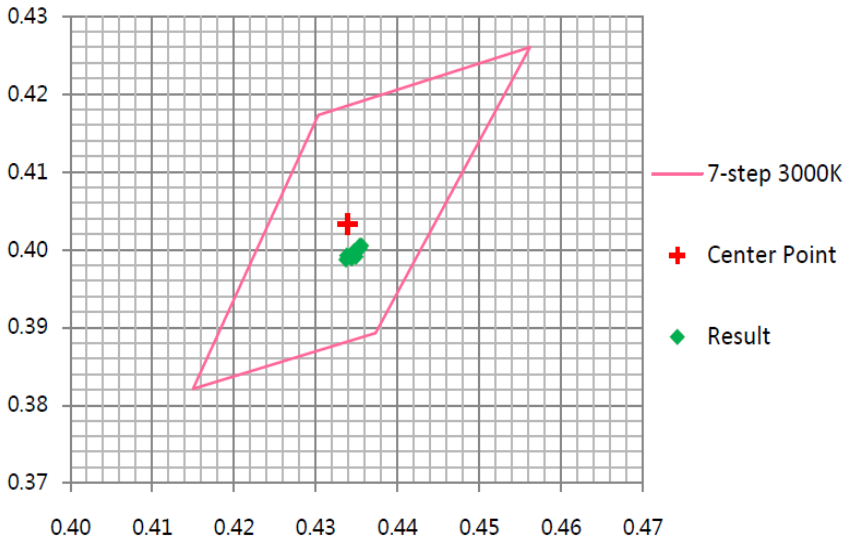
Company: RAB Lighting Inc.
Model Name: A19-9-E26-930-DIM

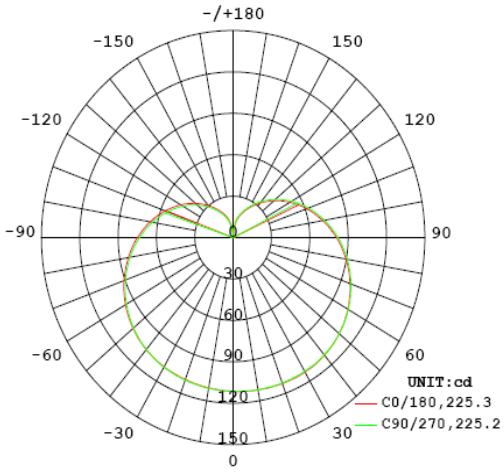
Initial Photometric and Electrical

Model Name	Voltage(V)	Current(A)	Power(W)	Power Factor	Luminous Flux(lm)	Efficacy(lm/W)	CCT(K)
A19-9-E26-930-DIM	120	0.07958	9.265	0.9696	907.48	97.95	3011
	Ra	R9	Rf	Rg	x	y	Duv
	92.9	71	90	101	0.4337	0.3987	-0.00173

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



Luminous Intensity Distribution Diagram



Model Name	Orientation	Beam Angle (Deg)	CBCP (cd)
A19-9-E26-930-DIM	VBU	225.2	113.2

Zonal Lumen Density

Deg	Flux (lm)	%
0-5	2.7	0.29
0-10	10.6	1.16
0-15	23.8	2.59
0-20	42.2	4.58
0-25	65.4	7.11
0-30	93.4	10.16
0-35	125.7	13.68
0-40	162.1	17.63
0-45	202.0	21.98
0-50	244.9	26.64
0-55	290.2	31.57
0-60	337.2	36.68
0-65	385.3	41.91
0-70	433.8	47.18
0-75	482.0	52.42
0-80	529.3	57.57
0-85	575.1	62.56
0-90	619.0	67.33

Deg	Flux (lm)	%
0-95	660.3	71.83
0-100	698.9	76.02
0-105	734.3	79.87
0-110	766.3	83.35
0-115	794.9	86.46
0-120	820.0	89.19
0-125	841.7	91.55
0-130	860.1	93.55
0-135	875.4	95.22
0-140	887.8	96.57
0-145	897.7	97.64
0-150	905.2	98.46
0-155	910.9	99.08
0-160	914.8	99.51
0-165	917.4	99.79
0-170	918.9	99.95
0-175	919.3	100.00
0-180	919.3	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	111	25.72%	111	25.74%	111	25.65%	111	25.80%
5	111	25.24%	111	25.30%	111	25.30%	111	25.36%
10	111	24.83%	110	24.59%	110	24.68%	111	24.79%
15	110	24.24%	110	24.17%	110	24.09%	110	24.21%
20	109	23.61%	109	23.41%	109	23.33%	109	23.46%
25	109	22.89%	109	22.52%	109	22.54%	109	22.68%
30	108	22.06%	108	21.58%	108	21.45%	108	21.62%
35	107	20.99%	106	20.20%	107	20.29%	107	20.39%
40	106	19.61%	105	18.77%	105	18.60%	105	18.67%
45	104	17.75%	103	16.77%	103	16.64%	103	16.69%
50	102	15.61%	101	14.53%	101	14.08%	101	14.25%
55	100	12.88%	99	11.78%	99	11.30%	99	11.39%
60	97	9.92%	96	8.65%	96	8.08%	96	8.00%
65	94	6.41%	93	5.27%	93	4.51%	93	4.60%
70	91	2.62%	90	1.54%	89	0.69%	89	0.57%
75	87	1.50%	86	2.62%	86	3.40%	85	3.63%
80	83	5.98%	82	6.97%	82	7.92%	81	8.19%
85	79	10.54%	78	11.67%	77	12.56%	77	12.93%
90	75	15.39%	74	16.54%	73	17.57%	73	17.95%
95	71	20.34%	69	21.62%	69	22.59%	68	23.08%
100	66	25.46%	65	26.72%	64	27.79%	63	28.31%
105	61	30.65%	60	31.97%	59	33.00%	59	33.45%
110	57	35.94%	56	37.20%	55	38.27%	54	38.72%
115	52	41.20%	51	42.46%	50	43.45%	50	43.88%
120	47	46.41%	46	47.60%	46	48.60%	45	49.04%
125	43	51.46%	42	52.69%	41	53.66%	41	54.06%
130	39	56.45%	38	57.56%	37	58.58%	36	58.88%

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	111	25.84%	111	25.76%	112	25.93%	111	25.79%
5	111	25.50%	111	25.56%	112	26.10%	112	26.02%
10	111	25.12%	111	25.29%	112	25.94%	112	26.22%
15	110	24.62%	111	25.00%	111	25.85%	112	26.17%
20	110	24.14%	110	24.68%	111	25.56%	112	26.47%
25	109	23.35%	110	24.10%	111	25.28%	112	26.33%
30	108	22.50%	109	23.39%	110	24.71%	112	26.01%
35	107	21.13%	108	22.22%	110	23.73%	111	25.24%
40	106	19.47%	107	20.75%	108	22.31%	110	24.11%
45	104	17.45%	105	18.75%	107	20.46%	108	22.48%
50	102	14.94%	103	16.46%	105	18.17%	107	20.26%
55	99	12.12%	101	13.63%	102	15.55%	104	17.64%
60	96	8.82%	98	10.48%	100	12.41%	102	14.63%
65	93	5.23%	95	6.88%	96	8.88%	98	11.07%
70	90	1.28%	91	2.76%	93	4.90%	95	7.27%
75	86	2.97%	87	1.45%	89	0.77%	91	2.99%
80	82	7.47%	83	6.02%	85	3.85%	87	1.57%
85	78	12.18%	79	10.71%	81	8.68%	83	6.43%
90	73	17.22%	75	15.77%	76	13.77%	78	11.50%
95	69	22.29%	70	20.90%	72	18.96%	74	16.76%
100	64	27.62%	65	26.22%	67	24.36%	69	22.17%
105	59	32.90%	61	31.55%	62	29.75%	64	27.72%
110	55	38.22%	56	36.92%	57	35.25%	59	33.22%
115	50	43.50%	51	42.25%	53	40.71%	54	38.86%
120	45	48.66%	46	47.52%	48	46.06%	49	44.29%
125	41	53.76%	42	52.63%	43	51.28%	45	49.71%
130	37	58.64%	37	57.69%	39	56.41%	40	54.94%

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	111	25.72%	111	25.74%	111	25.65%	111	25.80%
5	112	26.07%	112	26.23%	112	26.39%	112	26.26%
10	112	26.50%	112	26.75%	112	26.70%	112	26.90%
15	112	26.88%	113	27.09%	113	27.20%	112	27.02%
20	113	27.05%	113	27.39%	113	27.51%	113	27.37%
25	113	27.21%	113	27.55%	113	27.70%	113	27.35%
30	112	26.96%	113	27.52%	113	27.75%	113	27.28%
35	112	26.61%	113	27.22%	113	27.47%	112	26.98%
40	111	25.56%	112	26.59%	112	26.91%	112	26.29%
45	110	24.24%	111	25.36%	111	25.76%	111	25.13%
50	108	22.25%	110	23.78%	110	24.18%	109	23.44%
55	106	19.90%	108	21.43%	108	21.96%	107	21.28%
60	104	16.99%	105	18.91%	106	19.23%	105	18.66%
65	101	13.63%	102	15.44%	103	16.05%	102	15.57%
70	97	9.85%	99	12.03%	100	12.44%	99	11.93%
75	94	5.75%	95	7.75%	96	8.42%	96	8.05%
80	90	1.25%	92	3.35%	92	4.06%	92	3.56%
85	85	3.52%	87	1.62%	88	0.71%	88	1.20%
90	81	8.61%	83	6.72%	83	5.78%	83	6.27%
95	76	14.00%	78	12.21%	79	11.13%	78	11.69%
100	71	19.52%	73	17.64%	74	16.79%	73	17.16%
105	66	25.14%	68	23.43%	69	22.45%	68	22.84%
110	61	30.79%	63	29.08%	63	28.36%	63	28.54%
115	56	36.49%	58	34.88%	58	34.11%	58	34.24%
120	51	42.08%	53	40.57%	53	39.90%	53	39.91%
125	46	47.60%	48	46.14%	48	45.54%	48	45.51%
130	42	52.96%	43	51.72%	43	51.07%	43	50.93%

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	111	25.84%	111	25.76%	112	25.93%	111	25.79%
5	112	26.14%	112	25.91%	111	25.85%	111	25.35%
10	112	26.30%	112	25.99%	111	25.57%	111	25.14%
15	112	26.54%	112	26.07%	111	25.46%	111	24.85%
20	112	26.49%	112	25.90%	111	25.06%	110	24.27%
25	112	26.46%	111	25.72%	110	24.61%	109	23.59%
30	112	26.21%	111	25.28%	110	24.09%	109	23.02%
35	112	26.09%	110	24.72%	109	23.34%	108	21.94%
40	111	25.15%	110	23.70%	108	22.03%	107	20.98%
45	110	24.14%	108	22.34%	107	20.71%	105	19.02%
50	108	22.23%	107	20.50%	105	18.70%	104	17.07%
55	107	20.26%	105	18.20%	103	16.42%	101	14.44%
60	104	17.37%	102	15.53%	101	13.67%	99	11.56%
65	101	14.40%	100	12.39%	98	10.33%	96	8.10%
70	98	10.66%	96	8.74%	95	6.74%	93	4.47%
75	95	6.74%	93	4.82%	91	2.57%	89	0.33%
80	91	2.24%	89	0.59%	87	1.69%	85	3.91%
85	86	2.39%	85	4.17%	83	6.33%	81	8.57%
90	82	7.47%	81	8.84%	79	11.05%	77	13.31%
95	77	12.53%	76	14.20%	74	16.24%	72	18.35%
100	73	18.07%	71	19.45%	70	21.51%	68	23.58%
105	68	23.61%	66	25.03%	65	26.85%	63	28.72%
110	63	29.13%	62	30.48%	60	32.22%	58	34.12%
115	58	34.87%	57	36.09%	55	37.59%	54	39.36%
120	53	40.44%	52	41.57%	51	42.96%	49	44.70%
125	48	46.02%	47	46.93%	46	48.11%	44	49.80%
130	43	51.34%	42	52.16%	41	53.35%	40	54.88%