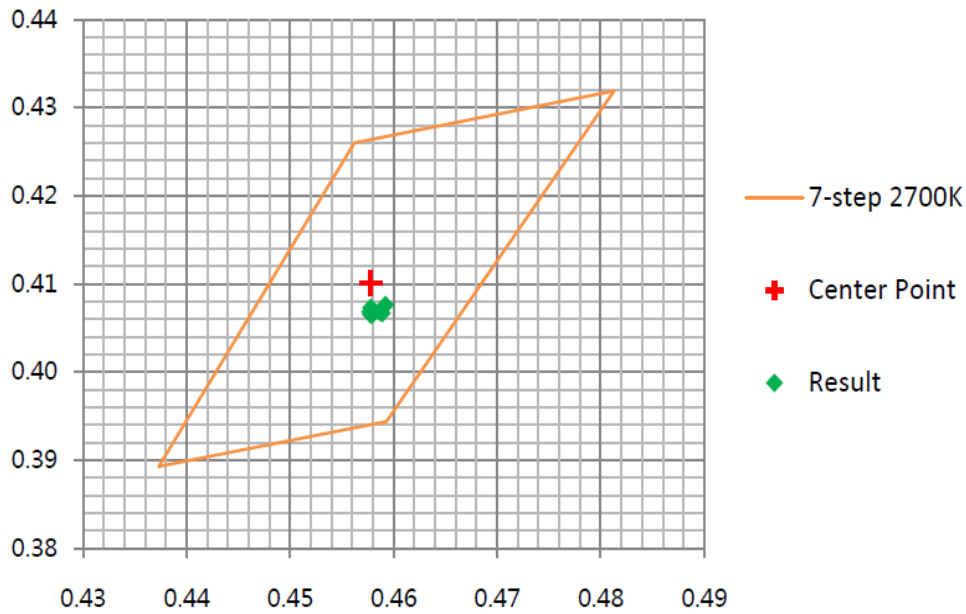


Company: RAB Lighting Inc.
 Model Name: A19-9-E26-927-DIM

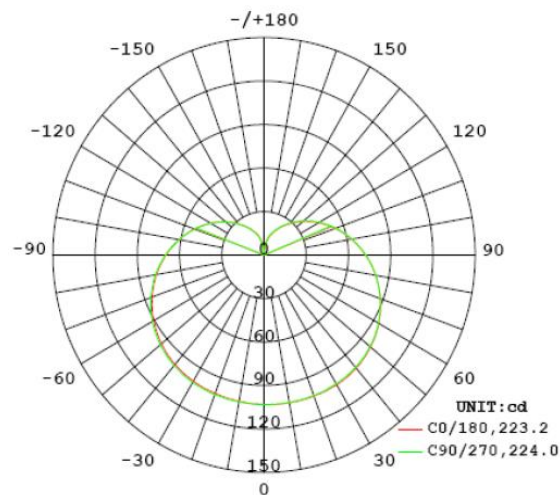
Initial Photometric and Electrical

Model Name	Voltage(V)	Current(A)	Power(W)	Power Factor	Luminous Flux(lm)	Efficacy(lm/W)	CCT(K)
A19-9-E26-927-DIM	120	0.07873	9.169	0.97	836.09	91.18	2683
	Ra	R9	Rf	Rg	x	y	Duv
	92.8	69	90	102	0.4589	0.4067	-0.00135

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



Luminous Intensity Distribution Diagram



Model Name	Orientation	Beam Angle (Deg)	CBCP (cd)
A19-9-E26-927-DIM	VBU	223.6	103.8

Zonal Lumen Density

Deg	Flux (lm)	%	Deg	Flux (lm)	%
0-5	2.5	0.29	0-95	607.5	72.18
0-10	9.8	1.17	0-100	642.5	76.34
0-15	22.0	2.62	0-105	674.7	80.16
0-20	39.0	4.63	0-110	703.7	83.61
0-25	60.5	7.18	0-115	729.6	86.68
0-30	86.3	10.25	0-120	752.3	89.38
0-35	116.2	13.81	0-125	771.8	91.70
0-40	149.8	17.80	0-130	788.4	93.67
0-45	186.7	22.18	0-135	802.1	95.30
0-50	226.2	26.88	0-140	813.3	96.63
0-55	268.0	31.84	0-145	822.2	97.68
0-60	311.3	36.99	0-150	829.0	98.49
0-65	355.6	42.25	0-155	834.0	99.09
0-70	400.2	47.55	0-160	837.6	99.52
0-75	444.4	52.80	0-165	840.0	99.80
0-80	487.8	57.96	0-170	841.2	99.95
0-85	529.8	62.94	0-175	841.7	100.00
0-90	569.8	67.70	0-180	841.7	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	103	26.70%	103	26.78%	103	26.65%	103	26.82%
5	103	26.43%	103	26.44%	103	26.25%	103	26.43%
10	102	25.88%	102	25.95%	102	25.92%	103	26.19%
15	102	25.59%	102	25.60%	102	25.39%	102	25.74%
20	102	24.88%	102	24.87%	102	24.88%	102	25.25%
25	101	24.49%	101	24.15%	101	24.35%	101	24.66%
30	101	23.54%	100	23.30%	100	23.46%	101	24.13%
35	100	22.53%	99	22.16%	100	22.38%	100	22.89%
40	99	21.07%	98	20.71%	98	20.79%	99	21.55%
45	97	19.26%	97	18.92%	97	18.93%	97	19.58%
50	95	17.02%	95	16.49%	95	16.54%	96	17.46%
55	93	14.41%	93	13.92%	93	13.86%	93	14.68%
60	91	11.34%	90	10.91%	90	10.74%	91	11.61%
65	88	7.81%	87	7.42%	87	7.15%	88	7.95%
70	85	3.91%	84	3.61%	84	3.42%	85	4.11%
75	81	0.26%	81	0.60%	81	0.82%	81	0.23%
80	78	4.72%	77	5.06%	77	5.26%	77	4.82%
85	74	9.50%	73	9.90%	73	10.11%	73	9.79%
90	70	14.40%	69	14.87%	69	15.06%	69	14.70%
95	66	19.48%	65	20.02%	65	20.25%	65	19.97%
100	61	24.68%	61	25.32%	61	25.30%	61	25.17%
105	57	30.01%	56	30.60%	56	30.77%	56	30.60%
110	53	35.41%	52	35.96%	52	36.10%	52	35.92%
115	48	40.69%	48	41.30%	48	41.43%	48	41.29%
120	44	45.99%	44	46.48%	43	46.70%	44	46.48%
125	40	51.11%	39	51.56%	39	51.79%	39	51.64%
130	36	56.10%	35	56.48%	35	56.68%	35	56.65%

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	103	26.70%	103	26.50%	103	26.48%	103	26.66%
5	103	26.51%	103	26.57%	103	26.81%	103	26.77%
10	103	26.39%	103	26.40%	103	26.66%	103	26.92%
15	103	26.17%	103	26.34%	103	26.75%	103	26.98%
20	102	25.78%	103	26.11%	103	26.43%	103	26.90%
25	102	25.37%	102	25.83%	103	26.37%	103	26.93%
30	102	24.77%	102	25.41%	102	25.85%	103	26.51%
35	101	23.81%	101	24.62%	102	25.21%	102	25.85%
40	100	22.36%	100	23.41%	101	23.99%	101	24.72%
45	98	20.58%	99	21.53%	100	22.37%	100	23.00%
50	96	18.24%	97	19.41%	98	20.15%	98	20.88%
55	94	15.66%	95	16.87%	96	17.62%	96	18.06%
60	92	12.62%	93	13.71%	93	14.50%	94	15.01%
65	89	9.05%	90	10.25%	90	11.01%	91	11.41%
70	86	5.06%	86	6.05%	87	7.01%	87	7.50%
75	82	0.76%	83	1.81%	83	2.60%	84	2.93%
80	78	3.89%	79	3.01%	80	2.24%	80	1.72%
85	74	8.71%	75	7.77%	76	7.08%	76	6.73%
90	70	13.83%	71	13.04%	71	12.43%	72	11.96%
95	66	19.16%	66	18.30%	67	17.77%	67	17.48%
100	61	24.49%	62	23.73%	62	23.36%	63	22.94%
105	57	30.02%	58	29.21%	58	28.83%	58	28.68%
110	53	35.42%	53	34.87%	53	34.52%	53	34.30%
115	48	40.91%	49	40.31%	49	40.10%	49	39.98%
120	44	46.18%	44	45.81%	44	45.57%	44	45.45%
125	40	51.38%	40	51.07%	40	50.79%	40	50.83%
130	35	56.38%	36	56.19%	36	56.03%	36	55.95%

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	103	26.70%	103	26.78%	103	26.65%	103	26.82%
5	103	26.96%	103	27.12%	103	26.84%	103	26.89%
10	103	27.15%	104	27.27%	103	27.04%	104	27.20%
15	104	27.32%	104	27.40%	103	27.15%	103	27.02%
20	103	27.14%	104	27.29%	103	27.02%	103	27.16%
25	104	27.29%	104	27.26%	103	26.93%	103	26.76%
30	103	26.88%	103	26.86%	103	26.58%	103	26.55%
35	103	26.37%	103	26.17%	102	25.90%	102	25.62%
40	102	24.99%	102	24.98%	102	24.91%	101	24.66%
45	101	23.53%	101	23.72%	100	23.31%	100	22.94%
50	99	21.23%	99	21.38%	99	21.43%	99	21.10%
55	97	18.94%	97	18.92%	97	18.62%	96	18.37%
60	94	15.59%	94	15.79%	94	15.55%	94	15.38%
65	91	12.07%	91	12.18%	91	11.98%	91	11.72%
70	88	7.96%	88	8.23%	88	7.97%	88	7.92%
75	84	3.61%	84	3.77%	84	3.50%	84	3.46%
80	80	1.17%	81	0.85%	80	1.14%	80	1.16%
85	76	6.04%	77	5.91%	76	6.26%	77	5.99%
90	72	11.37%	72	11.22%	72	11.36%	72	11.31%
95	68	16.71%	68	16.76%	68	16.84%	68	16.74%
100	63	22.37%	63	22.37%	63	22.37%	63	22.35%
105	59	28.10%	58	28.14%	59	28.04%	59	27.99%
110	54	33.76%	54	33.74%	54	33.69%	54	33.55%
115	49	39.47%	49	39.46%	49	39.32%	50	39.15%
120	45	45.01%	45	44.88%	45	44.84%	45	44.67%
125	40	50.38%	40	50.24%	41	50.22%	41	50.00%
130	36	55.57%	36	55.42%	36	55.37%	37	55.11%

Gamma	$\phi=270\text{DEG}$		$\phi=292.5\text{DEG}$		$\phi=315\text{DEG}$		$\phi=337.5\text{DEG}$	
	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	103	26.70%	103	26.50%	103	26.48%	103	26.66%
5	103	26.78%	103	26.52%	103	26.52%	103	26.12%
10	103	26.74%	103	26.47%	103	26.06%	102	25.94%
15	103	26.90%	103	26.29%	103	26.04%	102	25.48%
20	103	26.67%	102	25.95%	102	25.44%	102	25.05%
25	103	26.54%	102	25.82%	102	25.21%	101	24.49%
30	102	25.83%	102	25.20%	101	24.43%	101	23.78%
35	102	25.36%	101	24.65%	101	23.64%	100	22.71%
40	101	24.19%	100	23.37%	100	22.31%	99	21.61%
45	100	22.83%	99	21.97%	98	20.88%	98	19.82%
50	98	20.68%	98	19.82%	97	18.61%	96	17.83%
55	96	18.45%	96	17.42%	95	16.33%	94	15.20%
60	94	15.25%	93	14.50%	92	13.39%	91	12.25%
65	91	11.99%	90	11.14%	90	10.06%	88	8.74%
70	88	7.87%	87	7.10%	87	6.30%	85	4.94%
75	84	3.68%	84	2.95%	83	2.05%	82	0.80%
80	81	1.06%	80	1.59%	79	2.40%	78	3.74%
85	77	5.96%	76	6.29%	75	7.32%	74	8.46%
90	72	11.16%	72	11.44%	71	12.26%	70	13.44%
95	68	16.45%	68	16.64%	67	17.53%	66	18.52%
100	63	22.01%	63	22.14%	63	22.93%	62	23.88%
105	59	27.66%	59	27.64%	58	28.46%	58	29.06%
110	54	33.24%	54	33.22%	54	33.88%	53	34.62%
115	50	38.85%	50	38.81%	49	39.35%	49	39.80%
120	45	44.26%	45	44.25%	45	44.68%	45	45.27%
125	41	49.65%	41	49.56%	41	49.89%	40	50.34%
130	37	54.76%	37	54.73%	37	54.97%	36	55.45%