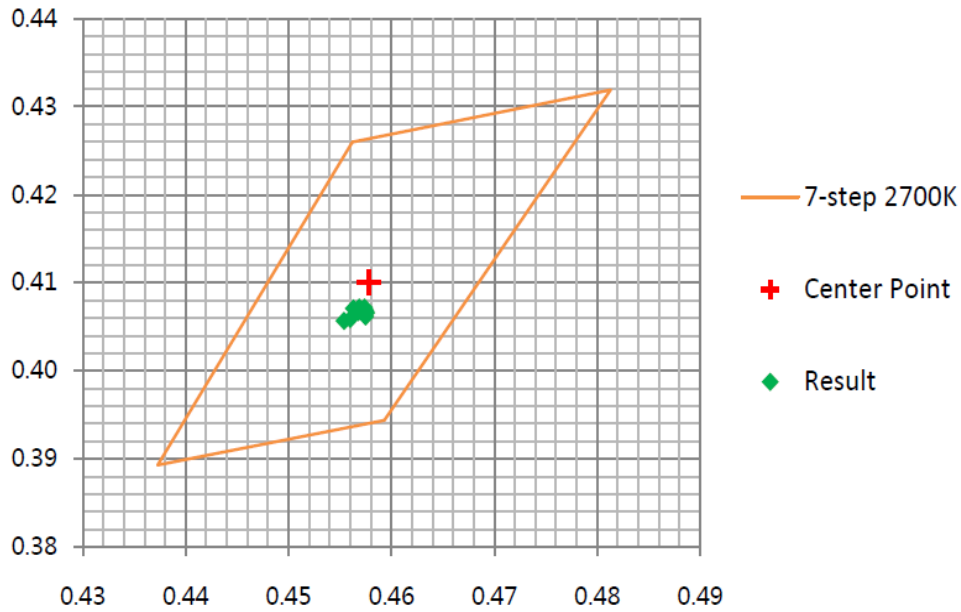


Company: RAB Lighting Inc.
 Model Name: A19-6-E26-927-DIM

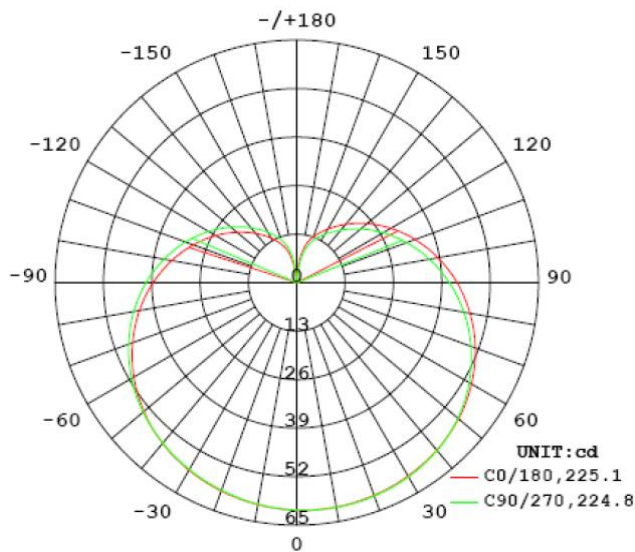
Initial Photometric and Electrical

Model Name	Voltage(V)	Current(A)	Power(W)	Power Factor	Luminous Flux(lm)	Efficacy(lm/W)	CCT(K)
A19-6-E26-927-DIM	120	0.05397	5.986	0.9247	491.82	82.16	2718
	Ra	R9	Rf	Rg	x	y	Duv
	92.1	68	89	103	0.456	0.4059	-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-E26-927-DIM	VBU	224.9	61.28

Zonal Lumen Density

Deg	Flux (lm)	%	Deg	Flux (lm)	%
0-5	1.5	0.30	0-95	348.0	70.66
0-10	5.8	1.18	0-100	368.4	74.79
0-15	13.0	2.64	0-105	387.2	78.62
0-20	22.9	4.65	0-110	404.4	82.11
0-25	35.5	7.20	0-115	419.9	85.25
0-30	50.5	10.25	0-120	433.7	88.05
0-35	67.7	13.75	0-125	445.7	90.50
0-40	87.0	17.67	0-130	456.1	92.61
0-45	108.1	21.95	0-135	464.9	94.40
0-50	130.7	26.53	0-140	472.3	95.89
0-55	154.4	31.35	0-145	478.2	97.11
0-60	179.0	36.35	0-150	483.0	98.07
0-65	204.1	41.45	0-155	486.7	98.81
0-70	229.4	46.58	0-160	489.3	99.36
0-75	254.6	51.69	0-165	491.2	99.73
0-80	279.3	56.71	0-170	492.2	99.93
0-85	303.2	61.57	0-175	492.5	100.00
0-90	326.2	66.24	0-180	492.5	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	61	28.94%	61	28.94%	61	28.94%	61	28.94%
5	61	28.48%	61	28.36%	61	28.25%	61	28.31%
10	60	27.73%	60	27.49%	60	27.29%	60	27.34%
15	60	26.80%	60	26.39%	60	26.16%	60	26.20%
20	59	25.65%	59	25.10%	59	24.83%	59	24.86%
25	59	24.38%	58	23.68%	58	23.32%	58	23.39%
30	58	22.78%	58	22.09%	58	21.72%	58	21.82%
35	57	20.96%	57	20.25%	57	19.83%	57	20.01%
40	56	18.80%	56	18.13%	56	17.80%	56	18.06%
45	55	16.37%	55	15.69%	55	15.47%	55	15.84%
50	54	13.55%	53	13.00%	53	12.88%	54	13.38%
55	52	10.49%	52	10.01%	52	9.95%	52	10.62%
60	51	7.11%	50	6.73%	51	6.84%	51	7.59%
65	49	3.40%	49	3.17%	49	3.38%	49	4.23%
70	47	0.56%	47	0.62%	47	0.27%	48	0.67%
75	45	4.71%	45	4.68%	45	4.18%	46	3.13%
80	43	9.10%	43	8.88%	43	8.25%	44	7.13%
85	41	13.58%	41	13.28%	41	12.52%	42	11.30%
90	39	18.21%	39	17.78%	39	16.94%	40	15.66%
95	36	22.94%	37	22.40%	37	21.48%	38	20.13%
100	34	27.73%	34	27.08%	35	26.08%	36	24.73%
105	32	32.49%	32	31.81%	33	30.74%	33	29.33%
110	30	37.28%	30	36.53%	31	35.43%	31	34.01%
115	27	42.00%	28	41.23%	28	40.05%	29	38.66%
120	25	46.62%	26	45.81%	26	44.67%	27	43.29%
125	23	51.14%	23	50.33%	24	49.16%	25	47.81%
130	21	55.52%	21	54.68%	22	53.55%	23	52.23%

Gamma	$\phi=90\text{DEG}$		$\phi=112.5\text{DEG}$		$\phi=135\text{DEG}$		$\phi=157.5\text{DEG}$	
	I_{θ} (cd)	$(I_{\theta} - I_{\text{AVG}})/I_{\text{AVG}}$	I_{θ} (cd)	$(I_{\theta} - I_{\text{AVG}})/I_{\text{AVG}}$	I_{θ} (cd)	$(I_{\theta} - I_{\text{AVG}})/I_{\text{AVG}}$	I_{θ} (cd)	$(I_{\theta} - I_{\text{AVG}})/I_{\text{AVG}}$
0	61	28.94%	61	28.94%	61	28.94%	61	28.94%
5	61	28.37%	61	28.51%	61	28.75%	61	28.93%
10	60	27.45%	60	27.86%	61	28.28%	61	28.69%
15	60	26.45%	60	26.95%	60	27.54%	61	28.18%
20	59	25.16%	60	25.87%	60	26.66%	60	27.49%
25	59	23.86%	59	24.62%	59	25.57%	60	26.57%
30	58	22.25%	58	23.24%	59	24.29%	59	25.46%
35	57	20.62%	58	21.65%	58	22.85%	59	24.20%
40	56	18.70%	57	19.87%	57	21.15%	58	22.57%
45	55	16.61%	56	17.85%	56	19.27%	57	20.72%
50	54	14.22%	55	15.62%	55	17.11%	56	18.66%
55	53	11.60%	53	13.06%	54	14.65%	55	16.19%
60	51	8.63%	52	10.24%	53	11.87%	54	13.43%
65	50	5.44%	51	7.10%	51	8.78%	52	10.24%
70	48	1.91%	49	3.69%	50	5.38%	51	6.81%
75	46	1.80%	47	0.01%	48	1.64%	49	2.99%
80	45	5.74%	45	3.95%	46	2.29%	47	1.01%
85	43	9.87%	43	8.09%	44	6.48%	45	5.29%
90	41	14.18%	41	12.39%	42	10.82%	43	9.71%
95	38	18.62%	39	16.89%	40	15.40%	40	14.39%
100	36	23.21%	37	21.48%	38	20.06%	38	19.15%
105	34	27.86%	35	26.17%	36	24.82%	36	24.00%
110	32	32.53%	33	30.93%	33	29.63%	34	28.88%
115	30	37.21%	30	35.70%	31	34.49%	31	33.84%
120	27	41.88%	28	40.42%	29	39.29%	29	38.67%
125	25	46.45%	26	45.08%	26	44.02%	27	43.45%
130	23	50.92%	24	49.63%	24	48.62%	25	48.11%

Gamma	$\phi=180\text{DEG}$		$\phi=202.5\text{DEG}$		$\phi=225\text{DEG}$		$\phi=247.5\text{DEG}$	
	I_{θ} (cd)	$(I_{\theta} - I_{\text{AVG}})/I_{\text{AVG}}$	I_{θ} (cd)	$(I_{\theta} - I_{\text{AVG}})/I_{\text{AVG}}$	I_{θ} (cd)	$(I_{\theta} - I_{\text{AVG}})/I_{\text{AVG}}$	I_{θ} (cd)	$(I_{\theta} - I_{\text{AVG}})/I_{\text{AVG}}$
0	61	28.94%	61	28.94%	61	28.94%	61	28.94%
5	61	29.15%	61	29.29%	61	29.40%	61	29.37%
10	61	29.13%	61	29.43%	61	29.58%	61	29.55%
15	61	28.83%	61	29.26%	61	29.49%	61	29.50%
20	61	28.27%	61	28.85%	61	29.19%	61	29.12%
25	60	27.52%	61	28.30%	61	28.55%	61	28.51%
30	60	26.55%	60	27.37%	60	27.71%	60	27.68%
35	59	25.30%	60	26.22%	60	26.57%	60	26.51%
40	59	23.88%	59	24.79%	59	25.17%	59	24.95%
45	58	22.14%	58	23.02%	58	23.33%	58	23.05%
50	57	20.07%	57	20.92%	57	21.09%	57	20.66%
55	56	17.61%	56	18.43%	56	18.47%	56	17.93%
60	54	14.82%	55	15.54%	55	15.40%	54	14.69%
65	53	11.58%	53	12.20%	53	11.97%	53	11.10%
70	51	8.04%	51	8.54%	51	8.15%	51	7.16%
75	49	4.17%	49	4.55%	49	4.03%	49	2.89%
80	47	0.06%	47	0.31%	47	0.34%	47	1.65%
85	45	4.32%	45	4.23%	45	5.00%	44	6.37%
90	43	8.82%	43	8.83%	43	9.77%	42	11.23%
95	41	13.59%	41	13.73%	40	14.75%	40	16.30%
100	39	18.49%	38	18.70%	38	19.79%	37	21.37%
105	36	23.39%	36	23.73%	36	24.88%	35	26.52%
110	34	28.37%	34	28.80%	33	29.98%	32	31.59%
115	32	33.33%	31	33.83%	31	35.02%	30	36.66%
120	29	38.28%	29	38.76%	28	40.01%	28	41.58%
125	27	43.10%	27	43.63%	26	44.84%	25	46.40%
130	25	47.83%	24	48.36%	24	49.52%	23	51.02%

Gamma	$\Phi=270\text{DEG}$		$\Phi=292.5\text{DEG}$		$\Phi=315\text{DEG}$		$\Phi=337.5\text{DEG}$	
	I_{θ} (cd)	$(I_{\theta} - I_{\text{AVG}})/I_{\text{AVG}}$	I_{θ} (cd)	$(I_{\theta} - I_{\text{AVG}})/I_{\text{AVG}}$	I_{θ} (cd)	$(I_{\theta} - I_{\text{AVG}})/I_{\text{AVG}}$	I_{θ} (cd)	$(I_{\theta} - I_{\text{AVG}})/I_{\text{AVG}}$
0	61	28.94%	61	28.94%	61	28.94%	61	28.94%
5	61	29.29%	61	29.15%	61	28.89%	61	28.67%
10	61	29.32%	61	29.08%	61	28.62%	61	28.19%
15	61	29.20%	61	28.73%	61	28.10%	60	27.43%
20	61	28.71%	61	28.18%	60	27.34%	60	26.51%
25	61	28.09%	60	27.35%	60	26.33%	59	25.28%
30	60	27.08%	60	26.21%	59	25.06%	59	23.86%
35	59	25.82%	59	24.74%	58	23.45%	58	22.14%
40	59	24.16%	58	22.91%	57	21.42%	57	20.04%
45	58	22.06%	57	20.68%	56	19.11%	56	17.59%
50	57	19.54%	56	18.00%	55	16.33%	54	14.84%
55	55	16.58%	54	14.97%	54	13.24%	53	11.68%
60	54	13.21%	53	11.49%	52	9.76%	51	8.23%
65	52	9.52%	51	7.71%	50	5.98%	49	4.44%
70	50	5.40%	49	3.57%	48	1.83%	47	0.41%
75	48	1.08%	47	0.82%	46	2.48%	45	3.86%
80	46	3.54%	45	5.43%	44	7.06%	43	8.33%
85	43	8.33%	42	10.19%	42	11.71%	41	12.96%
90	41	13.23%	40	15.12%	39	16.63%	39	17.69%
95	39	18.28%	38	20.11%	37	21.50%	37	22.50%
100	36	23.36%	35	25.13%	35	26.50%	34	27.36%
105	34	28.43%	33	30.18%	32	31.44%	32	32.25%
110	31	33.50%	31	35.18%	30	36.42%	30	37.10%
115	29	38.48%	28	40.11%	28	41.29%	27	41.86%
120	27	43.36%	26	44.93%	26	46.04%	25	46.54%
125	25	48.10%	24	49.57%	23	50.62%	23	51.04%
130	22	52.68%	22	54.04%	21	55.04%	21	55.40%