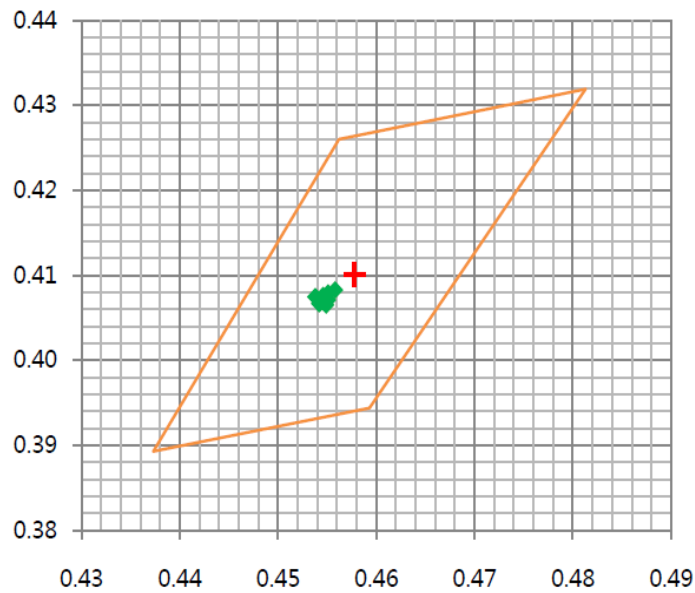


Company: RAB Lighting Inc.
Model Name: A19-6-E26-827-ND

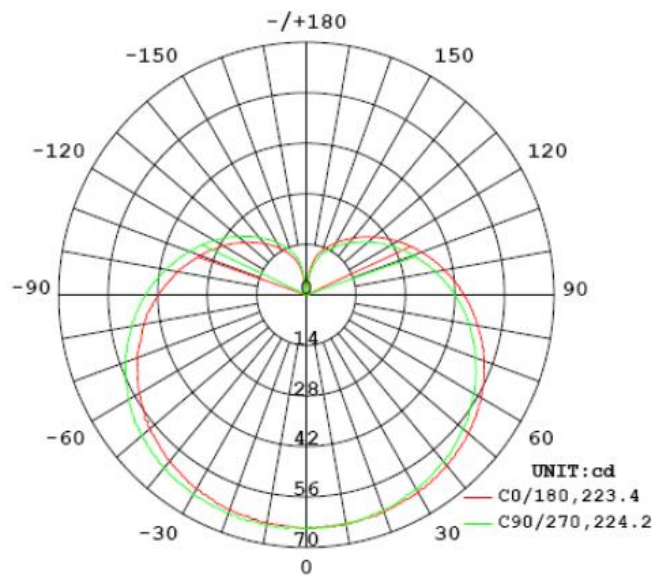
Initial Photometric and Electrical

Model Name	Voltage(V)	Current(A)	Power(W)	Power Factor	Luminous Flux(lm)	Efficacy(lm/W)	CCT(K)
A19-6-E26-827-ND	120	0.07845	5.978	0.6352	518.34	86.7	2744
	Ra	R9	Rf	Rg	x	y	Duv
	82	6	83	94	0.4549	0.4073	-0.000817

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



Luminous Intensity Distribution Diagram



Model Name	Orientation	Beam Angle (Deg)	CBCP (cd)
A19-6-E26-827-ND	VBU	223.8	65.59

Zonal Lumen Density

Deg	Flux (lm)	%	Deg	Flux (lm)	%
0-5	1.5	0.30	0-95	371.5	70.96
0-10	6.2	1.18	0-100	393.1	75.10
0-15	13.8	2.64	0-105	413.1	78.91
0-20	24.4	4.66	0-110	431.3	82.38
0-25	37.7	7.21	0-115	447.6	85.50
0-30	53.7	10.26	0-120	462.1	88.27
0-35	72.1	13.78	0-125	474.8	90.69
0-40	92.7	17.72	0-130	485.7	92.77
0-45	115.3	22.02	0-135	494.9	94.53
0-50	139.4	26.62	0-140	502.6	96.00
0-55	164.8	31.48	0-145	508.8	97.18
0-60	191.1	36.50	0-150	513.7	98.13
0-65	218.0	41.64	0-155	517.5	98.85
0-70	245.0	46.80	0-160	520.3	99.38
0-75	271.9	51.94	0-165	522.1	99.74
0-80	298.3	56.97	0-170	523.2	99.94
0-85	323.8	61.86	0-175	523.5	100.00
0-90	348.3	66.54	0-180	523.5	100.00

Gamma	$\Phi=0\text{DEG}$		$\Phi=22.5\text{DEG}$		$\Phi=45\text{DEG}$		$\Phi=67.5\text{DEG}$	
	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	65	28.65%	65	28.65%	65	28.65%	65	28.65%
5	64	27.91%	65	28.36%	65	29.15%	65	28.71%
10	64	27.73%	64	28.05%	65	28.45%	65	28.42%
15	64	26.33%	64	27.22%	65	28.43%	64	28.04%
20	63	25.60%	64	26.48%	64	27.29%	64	27.45%
25	63	24.38%	63	25.37%	64	26.59%	64	27.32%
30	62	23.57%	63	24.56%	63	25.39%	63	26.01%
35	61	21.75%	62	23.21%	62	24.18%	63	25.11%
40	60	19.44%	61	21.47%	62	22.45%	62	23.14%
45	59	16.89%	60	19.00%	61	20.82%	61	21.71%
50	57	14.15%	59	16.50%	59	17.93%	60	19.37%
55	56	11.61%	57	13.43%	58	15.61%	59	16.60%
60	55	8.66%	56	10.45%	56	12.16%	57	13.62%
65	53	4.51%	54	6.83%	55	8.98%	55	10.03%
70	51	0.65%	52	2.55%	53	5.06%	53	6.25%
75	48	3.95%	50	1.23%	51	1.19%	51	2.34%
80	47	7.41%	47	5.98%	49	3.53%	49	2.11%
85	44	11.92%	45	10.09%	46	7.61%	47	6.26%
90	42	16.79%	43	15.05%	44	12.97%	45	11.07%
95	39	21.96%	40	19.84%	41	17.73%	42	16.05%
100	37	26.90%	38	24.84%	39	23.10%	40	21.16%
105	34	31.65%	35	29.61%	36	27.86%	37	26.24%
110	32	36.27%	33	34.69%	34	33.02%	35	31.39%
115	29	41.56%	31	39.26%	31	37.85%	32	36.44%
120	27	46.15%	28	44.49%	29	42.76%	29	41.55%
125	25	50.70%	26	49.02%	26	47.54%	27	46.30%
130	23	54.87%	23	53.63%	24	52.18%	25	51.19%

Gamma	Φ=90DEG		Φ=112.5DEG		Φ=135DEG		Φ=157.5DEG	
	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	65	28.65%	65	28.65%	65	28.65%	65	28.65%
5	65	29.36%	65	29.06%	64	28.14%	65	28.96%
10	65	28.83%	65	29.81%	65	28.78%	65	28.76%
15	65	28.73%	65	29.13%	64	28.04%	65	28.54%
20	64	27.68%	65	28.94%	65	28.29%	64	27.96%
25	64	27.39%	64	27.95%	64	27.20%	64	27.03%
30	64	26.75%	64	27.28%	64	26.78%	64	26.39%
35	63	26.18%	64	26.41%	63	25.23%	63	24.79%
40	63	24.81%	63	25.04%	63	24.51%	62	23.50%
45	62	22.82%	62	22.98%	61	22.17%	61	21.81%
50	61	20.37%	61	20.45%	61	21.05%	60	19.48%
55	59	18.06%	60	18.45%	59	17.64%	59	17.24%
60	58	15.18%	58	15.87%	58	15.23%	58	14.38%
65	56	12.21%	57	12.48%	56	11.36%	56	10.86%
70	55	8.37%	55	8.43%	54	7.96%	54	7.35%
75	52	4.06%	53	4.36%	52	3.84%	52	3.32%
80	50	0.73%	51	0.42%	50	0.20%	50	1.03%
85	48	5.07%	48	4.13%	48	4.99%	48	5.57%
90	46	9.55%	46	9.04%	46	9.34%	45	10.25%
95	43	14.50%	43	13.99%	43	14.63%	43	15.37%
100	40	19.86%	41	19.19%	41	19.24%	40	20.49%
105	38	25.05%	38	24.48%	38	24.53%	38	25.26%
110	35	30.24%	35	29.45%	35	29.63%	35	30.45%
115	33	35.14%	33	34.84%	33	34.71%	32	35.47%
120	30	40.00%	30	39.68%	30	39.77%	30	40.34%
125	28	45.11%	28	44.79%	28	44.76%	28	45.21%
130	25	49.91%	25	49.43%	25	49.50%	25	49.84%

Gamma	Φ=180DEG		Φ=202.5DEG		Φ=225DEG		Φ=247.5DEG	
	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	65	28.65%	65	28.65%	65	28.65%	65	28.65%
5	64	27.82%	64	28.01%	65	29.20%	65	28.48%
10	64	27.73%	65	28.23%	65	28.19%	64	27.61%
15	64	27.28%	64	28.06%	64	27.91%	64	27.29%
20	64	27.26%	64	27.20%	64	26.93%	63	26.06%
25	64	26.47%	64	26.80%	64	26.27%	63	25.50%
30	63	25.55%	63	25.52%	63	24.96%	62	24.08%
35	62	23.88%	63	24.30%	62	23.61%	62	22.64%
40	62	22.36%	62	22.35%	61	21.74%	61	21.06%
45	61	20.79%	61	20.35%	60	20.08%	60	18.55%
50	60	19.12%	60	18.37%	59	17.05%	58	16.17%
55	59	16.48%	58	15.50%	58	14.75%	57	13.20%
60	57	12.94%	57	12.33%	56	11.69%	55	9.94%
65	55	9.79%	55	9.07%	54	8.06%	54	6.40%
70	53	6.04%	53	4.84%	53	4.70%	51	2.26%
75	51	2.35%	51	1.09%	50	0.04%	49	1.69%
80	49	2.04%	49	3.12%	48	4.50%	47	6.09%
85	47	6.86%	47	7.54%	46	8.88%	45	10.75%
90	44	11.84%	44	12.09%	44	13.43%	43	15.51%
95	42	16.07%	42	17.11%	41	18.70%	40	20.14%
100	40	21.01%	39	21.93%	39	23.42%	38	25.13%
105	37	25.86%	37	27.18%	36	28.78%	35	29.74%
110	35	31.06%	34	32.19%	33	33.61%	33	35.00%
115	32	36.20%	32	37.28%	31	38.49%	30	39.70%
120	30	41.00%	29	41.92%	29	42.97%	28	44.77%
125	27	45.68%	27	46.83%	26	47.93%	26	49.23%
130	25	50.29%	24	51.54%	24	52.39%	23	53.88%

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	65	28.65%	65	28.65%	65	28.65%	65	28.65%
5	65	28.33%	65	28.45%	64	27.43%	65	28.59%
10	64	28.00%	64	28.08%	64	27.39%	64	27.81%
15	64	27.21%	64	27.18%	64	26.21%	64	27.06%
20	64	26.41%	63	25.89%	63	25.68%	63	25.70%
25	63	25.01%	63	24.40%	62	24.13%	63	24.71%
30	62	23.64%	62	23.17%	62	22.83%	62	23.11%
35	61	21.86%	61	21.73%	61	21.29%	61	21.42%
40	60	19.91%	60	19.54%	60	19.22%	60	19.11%
45	59	17.56%	59	16.79%	59	16.63%	59	17.14%
50	58	15.10%	57	14.25%	57	13.99%	57	14.09%
55	56	11.79%	56	12.12%	56	10.71%	56	11.60%
60	55	9.01%	54	8.27%	54	7.18%	54	8.27%
65	53	5.06%	53	4.90%	52	3.77%	53	4.61%
70	51	1.18%	50	0.05%	50	0.14%	51	0.92%
75	49	2.85%	48	4.27%	48	4.47%	48	3.69%
80	47	7.39%	46	8.13%	46	8.54%	46	7.95%
85	44	11.63%	44	12.36%	44	13.48%	44	12.31%
90	42	16.60%	41	17.85%	41	17.69%	42	17.28%
95	39	21.59%	39	22.26%	39	22.99%	39	22.10%
100	37	26.38%	37	27.44%	37	27.39%	37	26.99%
105	35	31.40%	34	31.85%	34	32.60%	34	32.02%
110	32	36.27%	32	36.92%	32	37.24%	32	36.78%
115	30	41.03%	29	41.68%	29	42.22%	29	41.63%
120	27	45.91%	27	46.29%	27	46.77%	27	46.37%
125	25	50.22%	25	50.70%	24	51.53%	25	50.78%
130	23	54.76%	22	55.29%	22	55.76%	22	55.31%