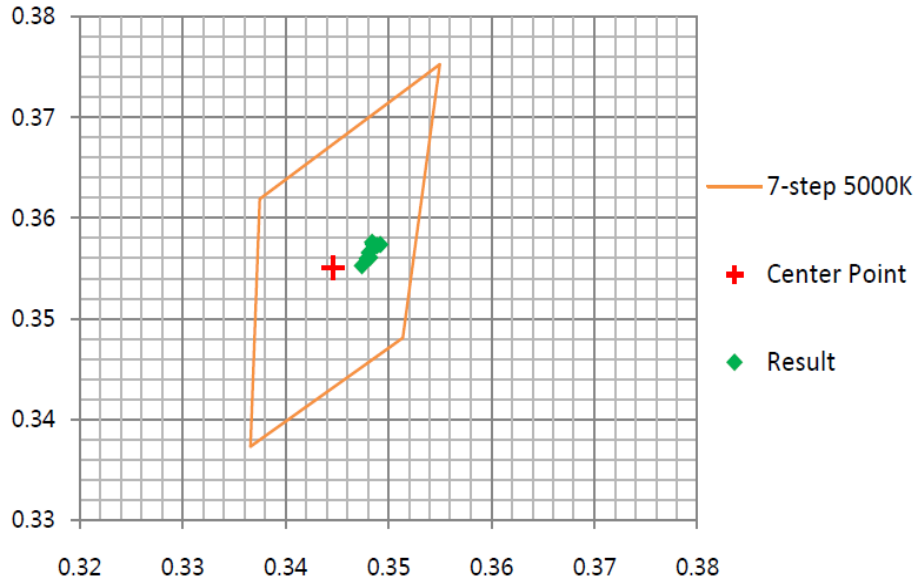


Company: RAB Lighting Inc.
 Model Name: A19-9-E26-950-DIM

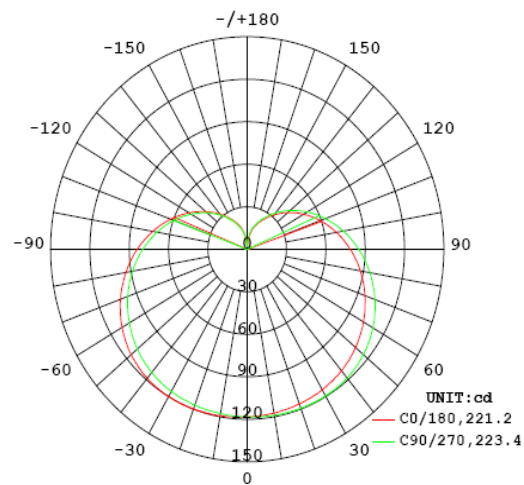
Initial Photometric and Electrical

Model Name	Voltage(V)	Current(A)	Power(W)	Power Factor	Luminous Flux(lm)	Efficacy(lm/W)	CCT(K)
A19-9-E26-950-DIM	120	0.07768	9.044	0.9697	958.1	105.93	4908
	Ra	R9	Rf	Rg	x	y	Duv
	94.5	83	89	98	0.3479	0.356	0.00105

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



Luminous Intensity Distribution Diagram



Model Name	Orientation	Beam Angle (Deg)	CBCP (cd)
A19-9-E26-950-DIM	VBU	222.3	121

Zonal Lumen Density

Deg	Flux (lm)	%	Deg	Flux (lm)	%
0-5	2.8	0.29	0-95	700.7	72.33
0-10	11.3	1.17	0-100	741.0	76.49
0-15	25.3	2.61	0-105	777.9	80.29
0-20	44.8	4.62	0-110	811.2	83.73
0-25	69.5	7.18	0-115	840.9	86.79
0-30	99.3	10.25	0-120	866.8	89.47
0-35	133.8	13.81	0-125	889.2	91.78
0-40	172.6	17.81	0-130	908.1	93.73
0-45	215.1	22.20	0-135	923.8	95.35
0-50	260.8	26.92	0-140	936.6	96.67
0-55	309.0	31.90	0-145	946.7	97.71
0-60	359.1	37.06	0-150	954.4	98.51
0-65	410.2	42.34	0-155	960.2	99.11
0-70	461.7	47.65	0-160	964.2	99.53
0-75	512.7	52.92	0-165	966.9	99.80
0-80	562.8	58.09	0-170	968.4	99.95
0-85	611.2	63.08	0-175	968.8	100.00
0-90	657.3	67.85	0-180	968.8	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	118	26.18%	119	26.51%	118	26.32%	118	26.44%
5	119	26.82%	119	26.52%	118	26.44%	118	26.16%
10	119	27.14%	119	27.13%	119	26.52%	118	26.12%
15	120	27.77%	119	27.26%	119	26.54%	118	25.83%
20	120	27.92%	119	27.38%	119	26.53%	118	25.60%
25	120	28.28%	119	27.24%	118	26.38%	117	25.08%
30	120	28.00%	119	26.92%	118	25.91%	117	24.75%
35	120	27.74%	118	26.23%	117	25.01%	116	23.59%
40	119	26.71%	117	25.04%	116	23.85%	115	22.40%
45	118	25.49%	116	23.56%	114	22.02%	113	20.40%
50	116	23.32%	114	21.41%	112	19.81%	111	18.30%
55	113	21.00%	111	18.77%	110	17.07%	108	15.51%
60	110	17.63%	108	15.67%	107	13.85%	105	12.51%
65	107	14.10%	105	12.17%	103	10.32%	102	8.73%
70	103	9.87%	101	8.10%	99	6.16%	98	4.98%
75	99	5.29%	97	3.72%	95	1.83%	94	0.47%
80	94	0.36%	93	1.08%	91	2.75%	90	3.94%
85	89	4.82%	88	5.91%	87	7.68%	85	8.96%
90	84	10.34%	83	11.50%	82	12.95%	81	14.06%
95	79	16.02%	78	17.15%	77	18.34%	75	19.42%
100	73	21.88%	72	22.89%	71	23.94%	70	24.83%
105	68	27.72%	67	28.67%	66	29.40%	65	30.28%
110	62	33.57%	61	34.37%	61	35.08%	60	35.73%
115	57	39.33%	56	40.02%	56	40.55%	55	41.20%
120	52	44.93%	51	45.54%	51	46.04%	50	46.51%
125	46	50.45%	46	50.93%	46	51.33%	45	51.74%
130	42	55.66%	41	56.06%	41	56.47%	40	56.82%

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	118	26.29%	118	26.37%	118	26.34%	118	26.06%
5	118	26.05%	118	25.79%	118	25.71%	118	25.47%
10	118	25.56%	117	25.23%	117	25.04%	117	24.73%
15	117	25.34%	117	24.66%	117	24.36%	116	24.18%
20	117	24.90%	116	24.18%	116	23.66%	116	23.46%
25	117	24.44%	116	23.49%	115	22.98%	115	22.64%
30	116	23.59%	115	22.77%	114	21.94%	114	21.66%
35	115	22.56%	114	21.47%	113	20.68%	113	20.33%
40	113	21.08%	112	19.94%	111	18.99%	111	18.89%
45	112	19.18%	111	18.05%	110	17.08%	109	16.72%
50	110	16.96%	108	15.62%	107	14.56%	107	14.37%
55	107	14.12%	106	12.99%	105	11.89%	104	11.53%
60	104	10.88%	103	9.83%	102	8.74%	101	8.31%
65	101	7.41%	100	6.34%	99	5.27%	98	4.93%
70	97	3.51%	96	2.24%	95	1.26%	95	0.98%
75	93	0.64%	92	1.96%	91	2.74%	91	3.22%
80	89	5.10%	88	6.50%	87	7.35%	87	7.50%
85	84	9.82%	83	11.09%	83	11.82%	82	12.19%
90	80	14.92%	79	16.10%	78	16.87%	78	17.03%
95	75	20.13%	74	21.14%	73	21.93%	73	21.99%
100	70	25.37%	69	26.38%	68	27.05%	68	27.07%
105	65	30.79%	64	31.66%	63	32.25%	64	32.22%
110	60	36.20%	59	36.96%	59	37.52%	59	37.46%
115	55	41.62%	54	42.25%	54	42.70%	54	42.61%
120	50	46.99%	49	47.43%	49	47.87%	49	47.77%
125	45	52.13%	44	52.54%	44	52.84%	44	52.83%
130	40	57.16%	40	57.52%	40	57.71%	40	57.66%

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	118	26.18%	119	26.51%	118	26.32%	118	26.44%
5	118	25.97%	118	25.95%	118	26.17%	119	26.49%
10	117	25.24%	118	25.55%	118	25.90%	119	26.56%
15	117	24.65%	117	24.97%	118	25.59%	119	26.52%
20	116	23.86%	116	24.31%	118	25.42%	119	26.55%
25	115	23.17%	116	23.64%	117	24.97%	118	26.20%
30	114	22.13%	115	22.88%	117	24.39%	118	26.00%
35	113	20.99%	114	21.65%	116	23.63%	117	25.23%
40	112	19.36%	113	20.41%	115	22.26%	117	24.40%
45	110	17.54%	111	18.50%	113	20.67%	115	22.81%
50	108	15.02%	109	16.29%	111	18.49%	113	20.89%
55	105	12.42%	107	13.76%	109	15.83%	111	18.40%
60	102	9.16%	104	10.60%	106	12.76%	108	15.50%
65	99	5.67%	101	7.30%	102	9.34%	105	11.94%
70	95	1.92%	97	3.42%	99	5.39%	101	8.22%
75	92	2.08%	93	0.75%	95	1.10%	97	3.75%
80	88	6.60%	89	5.22%	91	3.35%	93	0.88%
85	83	11.06%	84	9.95%	86	8.11%	88	5.90%
90	79	16.09%	80	14.88%	81	13.09%	83	11.10%
95	74	21.06%	75	20.03%	76	18.40%	78	16.59%
100	69	26.24%	70	25.35%	71	23.81%	73	22.23%
105	64	31.43%	65	30.58%	66	29.26%	68	27.87%
110	59	36.67%	60	35.91%	61	34.67%	62	33.56%
115	54	41.86%	55	41.15%	56	40.12%	57	39.08%
120	50	47.00%	50	46.35%	51	45.47%	52	44.53%
125	45	52.03%	46	51.44%	46	50.63%	47	49.82%
130	40	56.91%	41	56.32%	42	55.64%	42	54.99%

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	118	26.29%	118	26.37%	118	26.34%	118	26.06%
5	119	26.68%	119	26.90%	119	26.88%	119	26.69%
10	119	26.97%	120	27.59%	119	27.48%	119	27.36%
15	119	27.25%	120	27.86%	120	28.04%	120	27.86%
20	119	27.40%	121	28.63%	120	28.54%	120	28.44%
25	119	27.52%	121	28.64%	121	29.00%	121	28.68%
30	119	27.39%	121	29.08%	121	29.11%	121	28.80%
35	119	27.18%	120	28.61%	121	28.95%	121	28.70%
40	119	26.52%	120	28.38%	120	28.44%	120	27.95%
45	117	25.23%	119	26.84%	119	27.27%	119	26.81%
50	116	23.56%	117	25.34%	118	25.74%	117	24.92%
55	113	21.12%	115	22.71%	116	23.31%	115	22.41%
60	111	18.13%	113	20.17%	113	20.28%	112	19.29%
65	107	14.58%	109	16.42%	109	16.82%	108	15.65%
70	104	10.59%	106	12.64%	105	12.58%	104	11.48%
75	100	6.21%	101	7.84%	101	8.01%	100	6.86%
80	95	1.45%	97	3.06%	96	2.98%	95	1.83%
85	90	3.77%	92	2.30%	91	2.46%	91	3.35%
90	85	9.10%	86	7.84%	86	7.98%	85	8.84%
95	80	14.83%	81	13.69%	81	13.97%	80	14.81%
100	74	20.63%	75	19.77%	75	20.05%	74	20.67%
105	69	26.47%	69	25.88%	69	26.13%	69	26.78%
110	63	32.35%	64	31.83%	64	32.13%	63	32.65%
115	58	38.07%	58	37.73%	58	38.10%	57	38.66%
120	53	43.78%	53	43.63%	53	43.77%	52	44.33%
125	48	49.20%	48	49.08%	47	49.41%	47	49.84%
130	43	54.52%	43	54.43%	43	54.61%	42	55.09%