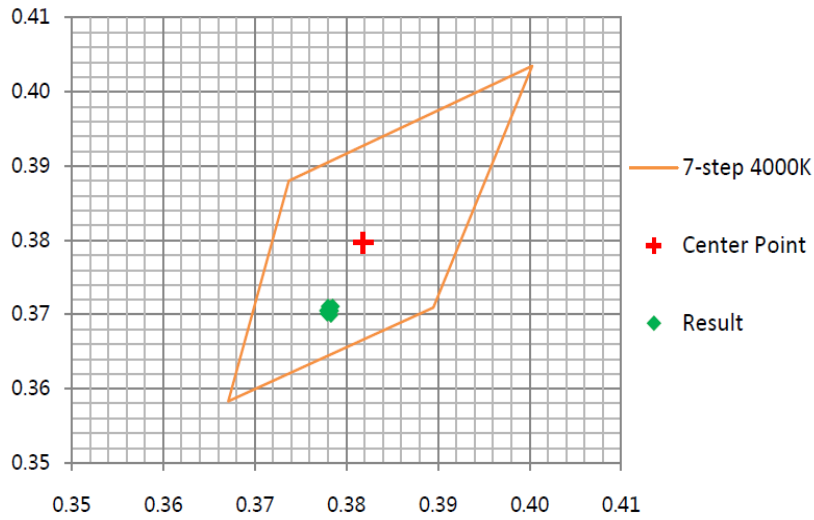


Company: RAB Lighting Inc.  
 Model Name: A19-9-E26-940-DIM

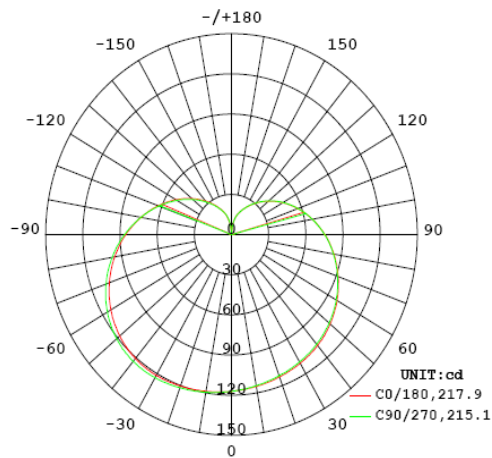
**Initial Photometric and Electrical**

Model Name	Voltage(V)	Current(A)	Power(W)	Power Factor	Luminous Flux(lm)	Efficacy(lm/W)	CCT(K)
A19-9-E26-940-DIM	120	0.07854	9.152	0.9706	944.05	103.15	4021
	Ra	R9	Rf	Rg	x	y	Duv
	95.8	87	90	99	0.3779	0.3701	-0.00239

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



**Luminous Intensity Distribution Diagram**



Model Name	Orientation	Beam Angle (Deg)	CBCP (cd)
A19-9-E26-940-DIM	VBU	216.5	126.3

### Zonal Lumen Density

Deg	Flux (lm)	%	Deg	Flux (lm)	%
0-5	2.8	0.29	0-95	694.5	72.54
0-10	11.2	1.17	0-100	734.2	76.68
0-15	25.1	2.62	0-105	770.4	80.47
0-20	44.3	4.63	0-110	803.1	83.88
0-25	68.8	7.19	0-115	832.1	86.92
0-30	98.4	10.27	0-120	857.5	89.57
0-35	132.6	13.85	0-125	879.4	91.86
0-40	171.0	17.87	0-130	897.9	93.79
0-45	213.3	22.28	0-135	913.3	95.39
0-50	258.7	27.02	0-140	925.8	96.70
0-55	306.7	32.03	0-145	935.6	97.73
0-60	356.4	37.22	0-150	943.2	98.52
0-65	407.1	42.53	0-155	948.9	99.11
0-70	458.2	47.86	0-160	952.9	99.53
0-75	508.9	53.15	0-165	955.5	99.80
0-80	558.4	58.32	0-170	956.9	99.95
0-85	606.2	63.32	0-175	957.4	100.00
0-90	651.7	68.08	0-180	957.4	100.00

Gamma	Φ=0DEG		Φ=22.5DEG		Φ=45DEG		Φ=67.5DEG	
	$I_{\theta}$ (cd)	$(I_{\theta} - I_{AVG})/I_{AVG}$	$I_{\theta}$ (cd)	$(I_{\theta} - I_{AVG})/I_{AVG}$	$I_{\theta}$ (cd)	$(I_{\theta} - I_{AVG})/I_{AVG}$	$I_{\theta}$ (cd)	$(I_{\theta} - I_{AVG})/I_{AVG}$
0	117	26.22%	117	26.27%	117	26.07%	117	26.38%
5	118	27.24%	118	27.61%	119	28.03%	118	27.81%
10	119	28.18%	120	29.11%	120	29.46%	120	29.70%
15	120	29.22%	121	30.29%	122	31.48%	122	31.15%
20	121	30.07%	122	31.78%	123	32.68%	123	32.96%
25	121	30.60%	123	32.80%	125	34.46%	124	34.14%
30	121	31.08%	124	33.80%	126	35.45%	126	35.52%
35	121	30.88%	124	34.12%	126	36.18%	126	36.07%
40	121	30.30%	124	33.91%	126	36.05%	126	36.01%
45	120	29.05%	123	32.82%	125	35.19%	125	35.18%
50	118	27.09%	122	31.24%	124	33.56%	124	33.61%
55	116	24.67%	119	28.70%	122	31.15%	121	31.10%
60	112	21.33%	116	25.66%	119	27.89%	119	27.94%
65	109	17.67%	113	21.69%	115	23.99%	115	23.74%
70	105	13.26%	109	17.27%	111	19.35%	110	19.05%
75	101	8.53%	104	11.94%	106	14.06%	105	13.59%
80	96	3.33%	99	6.42%	100	8.23%	100	7.91%
85	91	2.04%	93	0.56%	95	2.18%	94	1.70%
90	85	7.83%	87	5.60%	89	4.31%	88	4.86%
95	80	13.76%	82	11.94%	82	11.06%	82	11.59%
100	74	19.87%	76	18.38%	76	17.85%	76	18.34%
105	69	25.86%	70	24.89%	70	24.51%	69	25.09%
110	63	32.00%	64	31.27%	64	31.26%	63	31.62%
115	57	37.96%	58	37.46%	58	37.48%	57	38.07%
120	52	43.79%	52	43.49%	52	43.75%	52	44.15%
125	47	49.46%	47	49.25%	47	49.57%	46	49.99%
130	42	54.83%	42	54.79%	42	55.09%	41	55.51%

Gamma	$\Phi=90\text{DEG}$		$\Phi=112.5\text{DEG}$		$\Phi=135\text{DEG}$		$\Phi=157.5\text{DEG}$	
	$I_{\theta}$ (cd)	$(I_{\theta} - I_{\text{AVG}})/I_{\text{AVG}}$	$I_{\theta}$ (cd)	$(I_{\theta} - I_{\text{AVG}})/I_{\text{AVG}}$	$I_{\theta}$ (cd)	$(I_{\theta} - I_{\text{AVG}})/I_{\text{AVG}}$	$I_{\theta}$ (cd)	$(I_{\theta} - I_{\text{AVG}})/I_{\text{AVG}}$
0	117	26.32%	117	26.28%	117	26.31%	117	26.23%
5	118	27.63%	118	27.11%	117	26.48%	117	25.83%
10	120	29.03%	119	28.00%	117	26.61%	116	25.30%
15	121	30.23%	119	28.67%	117	26.65%	116	24.84%
20	122	31.33%	120	29.44%	118	26.81%	115	24.15%
25	123	32.42%	120	29.81%	117	26.64%	114	23.49%
30	123	33.09%	121	30.23%	117	26.18%	114	22.51%
35	124	33.65%	120	29.97%	116	25.61%	112	21.33%
40	124	33.29%	120	29.45%	115	24.27%	111	19.88%
45	123	32.34%	119	27.97%	114	22.71%	109	17.75%
50	121	30.60%	117	26.08%	112	20.61%	107	15.63%
55	119	28.12%	114	23.41%	109	18.00%	104	12.68%
60	116	24.87%	111	20.13%	106	14.80%	102	9.62%
65	112	21.04%	108	16.27%	103	11.17%	98	5.96%
70	108	16.33%	104	11.99%	99	6.84%	95	2.10%
75	103	11.31%	99	6.98%	95	2.37%	91	2.28%
80	98	5.48%	94	1.92%	90	2.65%	86	6.68%
85	92	0.46%	89	3.70%	86	7.59%	82	11.60%
90	86	6.81%	84	9.47%	80	13.19%	77	16.50%
95	80	13.26%	78	15.52%	75	18.64%	73	21.74%
100	74	19.79%	73	21.65%	70	24.44%	68	26.95%
105	68	26.27%	67	27.81%	65	30.07%	63	32.28%
110	62	32.63%	61	33.89%	59	35.80%	58	37.58%
115	57	38.83%	56	39.88%	54	41.28%	53	42.80%
120	51	44.84%	50	45.63%	49	46.78%	48	47.95%
125	46	50.57%	45	51.21%	45	51.97%	44	52.96%
130	41	55.93%	40	56.36%	40	57.05%	39	57.77%

Gamma	$\Phi=180\text{DEG}$		$\Phi=202.5\text{DEG}$		$\Phi=225\text{DEG}$		$\Phi=247.5\text{DEG}$	
	$I_{\theta}$ (cd)	$(I_{\theta} - I_{\text{AVG}})/I_{\text{AVG}}$	$I_{\theta}$ (cd)	$(I_{\theta} - I_{\text{AVG}})/I_{\text{AVG}}$	$I_{\theta}$ (cd)	$(I_{\theta} - I_{\text{AVG}})/I_{\text{AVG}}$	$I_{\theta}$ (cd)	$(I_{\theta} - I_{\text{AVG}})/I_{\text{AVG}}$
0	117	26.22%	117	26.27%	117	26.07%	117	26.38%
5	116	25.36%	116	24.89%	116	24.72%	116	24.65%
10	115	24.27%	114	23.43%	114	22.93%	114	23.32%
15	114	23.19%	113	22.03%	113	21.55%	113	21.62%
20	113	22.03%	112	20.66%	111	19.95%	112	20.41%
25	112	20.90%	111	19.24%	110	18.56%	110	18.74%
30	111	19.60%	109	17.74%	108	16.91%	109	17.56%
35	110	18.43%	108	16.14%	107	15.22%	107	15.65%
40	108	16.49%	106	14.28%	105	13.36%	106	14.04%
45	106	14.71%	104	12.07%	103	11.21%	104	11.70%
50	104	11.99%	102	9.66%	101	8.75%	101	9.39%
55	101	9.36%	99	6.82%	98	6.13%	99	6.45%
60	98	6.05%	96	3.75%	96	3.08%	96	3.42%
65	95	2.70%	93	0.49%	92	0.43%	93	0.03%
70	92	1.17%	90	3.17%	89	4.02%	89	3.54%
75	88	5.10%	86	7.14%	85	7.95%	86	7.52%
80	84	9.55%	82	11.23%	82	12.05%	82	11.59%
85	80	13.91%	78	15.62%	78	16.34%	78	15.91%
90	75	18.77%	74	20.15%	73	20.86%	74	20.42%
95	71	23.55%	70	24.90%	69	25.61%	69	25.03%
100	66	28.50%	65	29.71%	65	30.27%	65	29.90%
105	62	33.49%	61	34.60%	60	35.06%	61	34.58%
110	57	38.50%	56	39.51%	56	39.90%	56	39.56%
115	52	43.55%	52	44.40%	51	44.59%	52	44.35%
120	48	48.48%	47	49.20%	47	49.42%	47	49.21%
125	43	53.34%	43	53.89%	43	54.07%	43	53.86%
130	39	58.03%	38	58.47%	38	58.65%	38	58.47%

Gamma	Φ=270DEG		Φ=292.5DEG		Φ=315DEG		Φ=337.5DEG	
	$I_{\theta}$ (cd)	$(I_{\theta} - I_{AVG})/I_{AVG}$	$I_{\theta}$ (cd)	$(I_{\theta} - I_{AVG})/I_{AVG}$	$I_{\theta}$ (cd)	$(I_{\theta} - I_{AVG})/I_{AVG}$	$I_{\theta}$ (cd)	$(I_{\theta} - I_{AVG})/I_{AVG}$
0	117	26.32%	117	26.28%	117	26.31%	117	26.23%
5	116	24.98%	116	25.45%	117	26.22%	117	26.52%
10	115	23.72%	116	24.74%	117	25.79%	118	26.98%
15	113	22.32%	115	23.61%	116	25.55%	118	27.18%
20	112	21.12%	114	22.84%	116	24.98%	118	27.39%
25	111	19.88%	113	21.77%	116	24.65%	118	27.33%
30	110	18.54%	112	20.87%	115	23.79%	118	27.15%
35	109	17.13%	111	19.67%	114	23.00%	117	26.71%
40	107	15.37%	110	18.16%	113	21.65%	117	25.75%
45	105	13.29%	108	16.35%	111	19.98%	115	24.35%
50	103	10.97%	106	14.07%	109	17.80%	113	22.38%
55	100	8.36%	103	11.46%	107	15.32%	111	19.84%
60	98	5.36%	101	8.53%	104	12.29%	108	16.92%
65	95	2.07%	97	5.09%	101	8.98%	105	13.19%
70	91	1.74%	94	1.50%	97	5.18%	101	9.29%
75	87	5.64%	90	2.67%	94	1.01%	97	4.67%
80	84	9.88%	86	6.87%	90	3.37%	93	0.05%
85	79	14.23%	82	11.44%	85	8.26%	88	5.10%
90	75	18.83%	78	16.12%	81	13.12%	83	10.46%
95	71	23.65%	73	21.02%	76	18.43%	78	15.95%
100	66	28.52%	69	26.04%	71	23.72%	73	21.61%
105	62	33.42%	64	31.24%	66	29.20%	67	27.33%
110	57	38.41%	59	36.35%	61	34.58%	62	33.01%
115	53	43.33%	54	41.56%	56	40.05%	57	38.62%
120	48	48.25%	49	46.71%	51	45.35%	52	44.22%
125	44	53.00%	45	51.70%	46	50.59%	47	49.62%
130	39	57.66%	40	56.62%	41	55.55%	42	54.88%