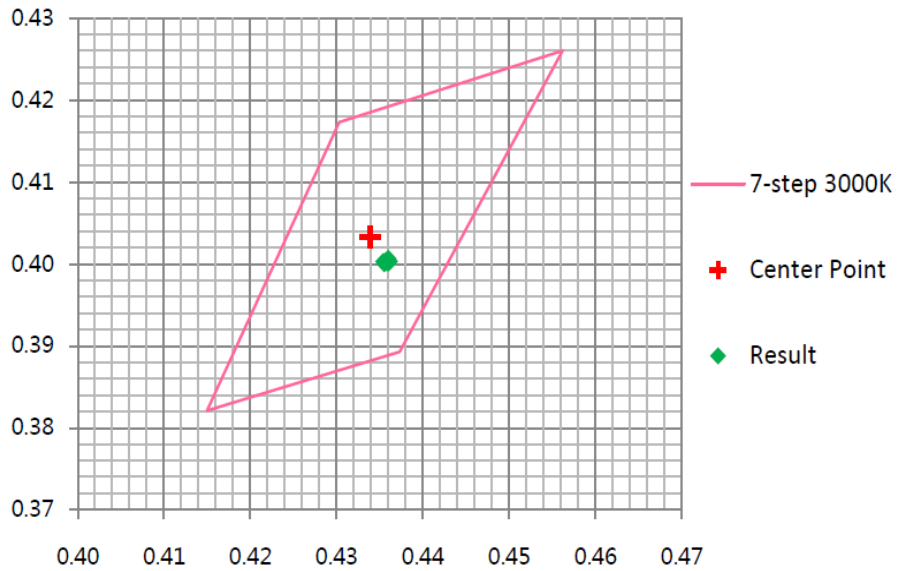


Company: RAB Lighting Inc.
 Model Name: A21-17-E26-930-DIM

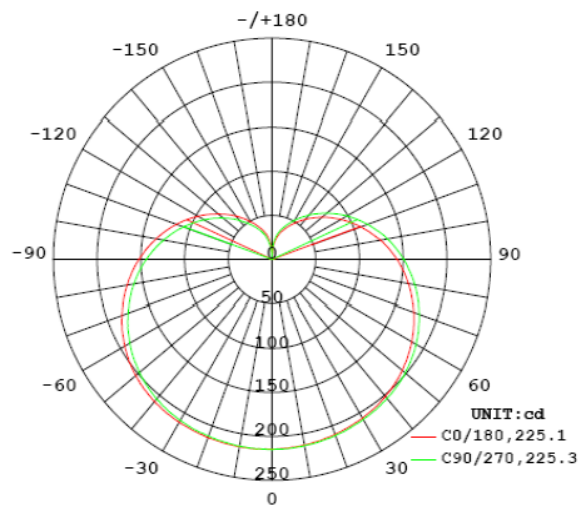
Initial Photometric and Electrical

Model Name	Voltage(V)	Current(A)	Power(W)	Power Factor	Luminous Flux(lm)	Efficacy(lm/W)	CCT(K)
A21-17-E26-930-DIM	120	0.1391	16.47	0.9872	1740.4	105.69	2984
	Ra	R9	Rf	Rg	x	y	Duv
	92.6	69	89	101	0.436	0.4003	-0.00139

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



Luminous Intensity Distribution Diagram



Model Name	Orientation	Beam Angle (Deg)	CBCP (cd)
A21-17-E26-930-DIM	VBU	225.2	215.4

Zonal Lumen Density

Deg	Flux (lm)	%	Deg	Flux (lm)	%
0-5	5.1	0.29	0-95	1249.3	71.44
0-10	20.5	1.17	0-100	1322.5	75.63
0-15	45.8	2.62	0-105	1389.8	79.47
0-20	80.8	4.62	0-110	1450.8	82.96
0-25	125.2	7.16	0-115	1505.3	86.08
0-30	178.4	10.20	0-120	1553.4	88.83
0-35	239.8	13.71	0-125	1595.1	91.22
0-40	308.6	17.65	0-130	1630.6	93.25
0-45	384.1	21.96	0-135	1660.3	94.94
0-50	465.0	26.59	0-140	1684.6	96.34
0-55	550.5	31.48	0-145	1704.0	97.44
0-60	639.1	36.55	0-150	1719.1	98.31
0-65	729.8	41.73	0-155	1730.4	98.95
0-70	821.2	46.96	0-160	1738.5	99.42
0-75	912.1	52.16	0-165	1744.0	99.73
0-80	1001.4	57.27	0-170	1747.1	99.91
0-85	1088.0	62.22	0-175	1748.5	99.99
0-90	1170.9	66.96	0-180	1748.7	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	214	27.33%	215	27.47%	214	27.30%	215	27.43%
5	215	27.77%	215	27.75%	215	27.61%	215	27.48%
10	215	27.63%	215	27.69%	215	27.44%	215	27.61%
15	215	27.51%	215	27.46%	214	27.33%	214	27.21%
20	214	27.22%	214	27.05%	214	26.90%	214	26.90%
25	213	26.75%	213	26.74%	213	26.47%	212	25.86%
30	212	26.09%	212	25.96%	212	25.99%	211	25.10%
35	211	25.49%	211	25.25%	211	25.04%	209	24.11%
40	209	24.17%	209	24.07%	208	23.76%	207	22.96%
45	207	22.92%	206	22.59%	205	21.98%	204	21.15%
50	203	20.68%	203	20.44%	202	19.81%	201	19.11%
55	200	18.67%	199	18.02%	197	17.21%	195	16.04%
60	195	15.51%	194	15.01%	192	13.90%	190	12.98%
65	189	12.35%	188	11.91%	187	10.76%	184	9.33%
70	183	8.50%	182	8.03%	180	6.72%	178	5.72%
75	176	4.45%	175	4.04%	173	2.49%	170	1.22%
80	168	0.06%	167	0.67%	165	1.96%	163	3.28%
85	161	4.65%	159	5.29%	157	6.76%	154	8.27%
90	152	9.64%	151	10.42%	149	11.59%	146	13.27%
95	144	14.60%	142	15.54%	140	16.82%	137	18.59%
100	135	20.03%	133	20.95%	131	22.29%	128	23.83%
105	126	25.36%	124	26.43%	122	27.72%	119	29.23%
110	116	30.84%	115	31.94%	112	33.23%	110	34.63%
115	107	36.33%	106	37.35%	103	38.60%	101	40.08%
120	98	41.75%	96	42.87%	94	44.06%	92	45.37%
125	89	47.10%	87	48.13%	85	49.39%	83	50.51%
130	80	52.25%	79	53.22%	77	54.43%	75	55.57%

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	215	27.58%	215	27.39%	215	27.59%	214	27.34%
5	215	27.58%	214	27.27%	214	27.12%	214	26.89%
10	214	27.18%	214	26.84%	213	26.66%	213	26.40%
15	213	26.76%	213	26.35%	212	25.97%	211	25.55%
20	212	26.15%	212	25.66%	211	25.17%	210	24.88%
25	212	25.70%	210	24.88%	209	24.24%	209	23.88%
30	210	24.66%	209	23.99%	208	23.25%	207	22.86%
35	208	23.59%	207	22.74%	205	21.77%	204	21.39%
40	206	22.09%	204	21.12%	202	20.15%	202	19.80%
45	202	19.92%	201	19.18%	199	18.09%	198	17.51%
50	198	17.62%	196	16.68%	195	15.83%	194	15.10%
55	193	14.80%	192	13.88%	190	12.84%	189	12.34%
60	188	11.65%	186	10.59%	185	9.67%	184	9.10%
65	182	8.13%	180	7.00%	179	6.13%	178	5.63%
70	175	4.00%	174	3.05%	172	2.08%	171	1.74%
75	168	0.26%	166	1.33%	165	2.02%	164	2.46%
80	160	4.73%	159	5.86%	157	6.65%	157	6.89%
85	152	9.59%	150	10.69%	149	11.26%	149	11.40%
90	144	14.50%	142	15.69%	141	16.29%	141	16.32%
95	135	19.77%	133	20.86%	132	21.41%	133	21.18%
100	126	25.04%	124	26.12%	124	26.63%	124	26.35%
105	117	30.48%	116	31.39%	115	31.82%	115	31.41%
110	108	35.95%	107	36.66%	106	37.11%	106	36.76%
115	99	41.25%	98	42.01%	97	42.25%	98	41.94%
120	90	46.56%	89	47.14%	89	47.44%	89	47.07%
125	81	51.65%	80	52.26%	80	52.33%	81	52.01%
130	73	56.48%	72	57.07%	72	57.20%	73	56.79%

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	214	27.33%	215	27.47%	214	27.30%	215	27.43%
5	214	27.13%	214	27.04%	214	26.97%	214	27.33%
10	213	26.41%	213	26.44%	213	26.51%	214	27.00%
15	212	25.87%	212	25.72%	212	25.65%	213	26.69%
20	210	24.92%	210	24.78%	210	24.97%	212	25.72%
25	209	23.92%	208	23.79%	209	24.01%	210	24.70%
30	207	22.95%	206	22.61%	207	22.87%	208	23.37%
35	205	21.46%	204	21.25%	205	21.86%	206	22.40%
40	202	19.78%	202	19.79%	203	20.32%	204	20.98%
45	198	17.77%	198	17.70%	200	18.56%	201	19.51%
50	194	15.36%	195	15.69%	196	16.30%	198	17.38%
55	190	12.63%	190	13.09%	192	13.91%	194	14.95%
60	184	9.56%	185	10.08%	187	10.94%	188	11.65%
65	179	6.08%	180	6.87%	181	7.74%	183	8.74%
70	172	2.41%	174	3.07%	175	4.10%	177	5.35%
75	165	1.81%	167	0.80%	169	0.22%	171	1.67%
80	158	5.99%	160	5.17%	162	4.02%	164	2.51%
85	151	10.54%	152	9.65%	154	8.45%	157	6.98%
90	143	15.17%	144	14.35%	147	12.99%	149	11.81%
95	135	20.06%	136	19.22%	139	17.74%	141	16.52%
100	126	25.19%	128	24.18%	130	22.67%	132	21.41%
105	117	30.70%	118	29.68%	121	28.18%	123	26.82%
110	108	35.80%	110	34.74%	112	33.23%	114	32.06%
115	99	41.04%	101	39.83%	104	38.39%	105	37.35%
120	91	45.95%	93	44.85%	95	43.50%	97	42.39%
125	83	50.93%	85	49.78%	87	48.53%	89	47.39%
130	75	55.75%	76	54.59%	78	53.41%	80	52.26%

Gamma	Φ=270DEG		Φ=292.5DEG		Φ=315DEG		Φ=337.5DEG	
	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	215	27.58%	215	27.39%	215	27.59%	214	27.34%
5	215	27.46%	215	27.43%	215	27.56%	215	27.45%
10	214	27.02%	214	27.23%	215	27.62%	214	27.36%
15	213	26.43%	214	26.85%	214	27.08%	214	27.07%
20	212	25.79%	213	26.32%	213	26.66%	213	26.69%
25	210	24.85%	212	25.83%	212	25.84%	213	26.32%
30	209	23.85%	210	24.80%	211	25.16%	212	25.64%
35	207	22.93%	208	23.54%	209	24.14%	210	24.93%
40	205	21.50%	206	22.33%	207	23.12%	208	23.69%
45	202	19.92%	203	20.81%	204	21.43%	206	22.40%
50	199	17.97%	200	18.76%	202	19.76%	203	20.29%
55	195	15.63%	196	16.55%	198	17.32%	199	18.18%
60	190	13.02%	192	13.75%	193	14.78%	194	15.29%
65	185	9.78%	186	10.55%	188	11.71%	189	12.15%
70	179	6.33%	181	7.19%	182	8.23%	183	8.55%
75	173	2.56%	174	3.45%	176	4.45%	176	4.63%
80	166	1.67%	167	0.56%	169	0.20%	169	0.22%
85	158	6.04%	160	4.74%	161	4.31%	161	4.21%
90	150	10.63%	152	9.53%	153	9.03%	153	9.03%
95	142	15.46%	144	14.21%	145	13.95%	145	13.93%
100	134	20.33%	136	19.45%	136	19.06%	136	19.08%
105	125	25.70%	127	24.66%	127	24.46%	127	24.44%
110	116	30.94%	117	30.29%	118	30.03%	118	30.13%
115	108	36.11%	109	35.50%	109	35.25%	108	35.61%
120	99	41.31%	100	40.80%	100	40.55%	99	40.97%
125	90	46.42%	91	45.93%	91	45.75%	91	46.21%
130	82	51.42%	82	51.07%	83	50.85%	82	51.38%