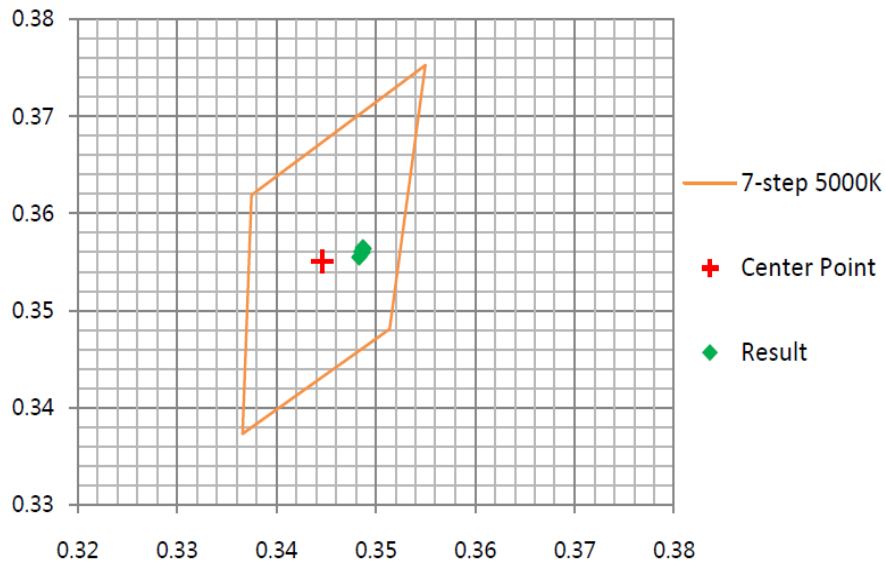


Company: RAB Lighting Inc.
 Model Name: A21-17-E26-950-DIM

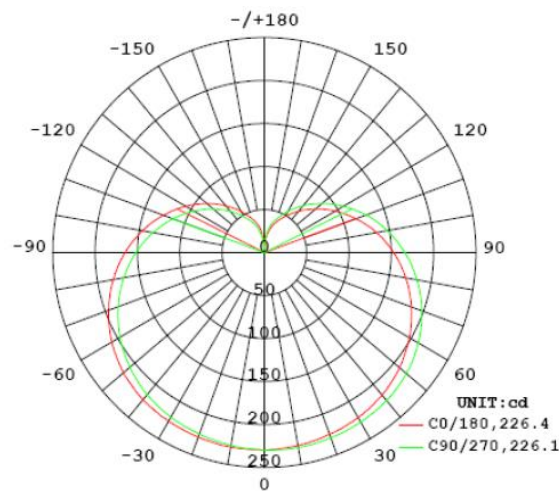
Initial Photometric and Electrical

Model Name	Voltage(V)	Current(A)	Power(W)	Power Factor	Luminous Flux(lm)	Efficacy(lm/W)	CCT(K)
A21-17-E26-950-DIM	120	0.1364	16.15	0.9875	1876.1	116.15	4879
	Ra	R9	Rf	Rg	x	y	Duv
	94.4	84	88	97	0.3488	0.3564	0.000916

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



Luminous Intensity Distribution Diagram



Model Name	Orientation	Beam Angle (Deg)	CBCP (cd)
A21-17-E26-950-DIM	VBU	226.2	230.6

Zonal Lumen Density

Deg	Flux (lm)	%	Deg	Flux (lm)	%
0-5	5.5	0.29	0-95	1341.2	71.30
0-10	21.9	1.16	0-100	1420.1	75.50
0-15	49.0	2.60	0-105	1492.7	79.36
0-20	86.4	4.60	0-110	1558.7	82.87
0-25	133.9	7.12	0-115	1617.7	86.00
0-30	190.8	10.14	0-120	1669.7	88.77
0-35	256.5	13.64	0-125	1714.7	91.16
0-40	330.3	17.56	0-130	1753.2	93.21
0-45	411.1	21.86	0-135	1785.3	94.91
0-50	497.9	26.47	0-140	1811.6	96.31
0-55	589.5	31.34	0-145	1832.7	97.43
0-60	684.7	36.40	0-150	1849.0	98.30
0-65	782.0	41.58	0-155	1861.2	98.95
0-70	880.3	46.80	0-160	1870.0	99.42
0-75	978.0	52.00	0-165	1875.8	99.73
0-80	1074.1	57.11	0-170	1879.3	99.91
0-85	1167.4	62.06	0-175	1880.8	99.99
0-90	1256.7	66.81	0-180	1881.0	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	229	26.90%	230	27.17%	230	26.93%	230	26.97%
5	230	27.04%	230	27.01%	229	26.84%	229	26.55%
10	230	27.00%	229	26.72%	229	26.46%	228	26.00%
15	229	26.73%	229	26.54%	228	25.89%	227	25.33%
20	228	26.36%	227	25.75%	227	25.36%	225	24.62%
25	227	25.82%	227	25.40%	225	24.55%	224	23.74%
30	227	25.28%	225	24.57%	224	23.90%	222	22.88%
35	225	24.52%	224	23.68%	222	22.82%	220	21.73%
40	223	23.49%	221	22.30%	220	21.53%	217	20.18%
45	221	22.00%	219	20.85%	216	19.70%	214	18.30%
50	217	20.10%	215	18.91%	213	17.57%	210	16.15%
55	213	17.88%	211	16.57%	208	14.94%	205	13.41%
60	208	15.06%	206	13.68%	203	12.00%	200	10.58%
65	202	11.89%	200	10.58%	197	8.78%	194	7.08%
70	196	8.46%	193	6.95%	190	5.11%	187	3.34%
75	189	4.50%	186	3.13%	183	1.05%	179	0.72%
80	182	0.42%	179	1.17%	175	3.09%	172	5.09%
85	173	4.12%	171	5.61%	167	7.58%	163	9.61%
90	165	8.88%	162	10.46%	158	12.40%	155	14.45%
95	156	13.91%	153	15.51%	150	17.22%	146	19.33%
100	146	19.09%	143	20.68%	140	22.48%	137	24.46%
105	137	24.36%	134	25.95%	131	27.56%	127	29.59%
110	127	29.64%	124	31.19%	121	32.95%	118	34.84%
115	117	35.10%	115	36.53%	112	38.21%	109	39.99%
120	108	40.37%	105	41.81%	102	43.44%	99	45.19%
125	98	45.79%	96	47.07%	93	48.65%	90	50.15%
130	89	50.96%	87	52.13%	84	53.64%	81	55.12%

Gamma	Φ=90DEG		Φ=112.5DEG		Φ=135DEG		Φ=157.5DEG	
	I_{θ} (cd)	$(I_{\theta} - I_{AVG})/I_{AVG}$	I_{θ} (cd)	$(I_{\theta} - I_{AVG})/I_{AVG}$	I_{θ} (cd)	$(I_{\theta} - I_{AVG})/I_{AVG}$	I_{θ} (cd)	$(I_{\theta} - I_{AVG})/I_{AVG}$
0	230	27.01%	229	26.71%	230	27.02%	230	26.93%
5	229	26.48%	228	26.26%	229	26.43%	229	26.45%
10	228	25.91%	227	25.59%	227	25.66%	227	25.79%
15	226	25.03%	225	24.64%	226	24.76%	226	24.77%
20	225	24.27%	224	23.72%	223	23.60%	224	23.88%
25	223	23.32%	222	22.66%	222	22.75%	222	22.90%
30	221	22.34%	220	21.58%	219	21.35%	220	21.83%
35	219	20.96%	217	20.27%	217	20.08%	218	20.30%
40	216	19.32%	214	18.42%	214	18.11%	215	18.69%
45	212	17.05%	210	16.40%	210	16.02%	210	16.39%
50	208	14.91%	206	13.80%	205	13.47%	206	13.87%
55	203	12.04%	201	11.10%	200	10.57%	201	11.03%
60	197	9.01%	195	7.85%	194	7.43%	195	7.89%
65	191	5.53%	189	4.38%	188	4.06%	189	4.52%
70	184	1.78%	182	0.53%	181	0.12%	182	0.68%
75	176	2.47%	174	3.61%	174	3.85%	175	3.41%
80	169	6.66%	166	8.00%	166	8.32%	167	7.90%
85	160	11.33%	158	12.53%	157	12.95%	158	12.39%
90	152	15.98%	149	17.35%	149	17.75%	150	17.28%
95	143	21.08%	141	22.18%	140	22.73%	141	22.07%
100	134	26.05%	132	27.23%	131	27.65%	132	27.24%
105	124	31.23%	123	32.24%	121	32.82%	123	32.20%
110	115	36.47%	113	37.32%	112	37.83%	113	37.47%
115	106	41.52%	104	42.47%	103	42.91%	104	42.50%
120	96	46.70%	95	47.46%	94	47.90%	95	47.64%
125	88	51.59%	86	52.46%	85	52.82%	86	52.60%
130	79	56.42%	77	57.26%	77	57.49%	77	57.34%

Gamma	Φ=180DEG		Φ=202.5DEG		Φ=225DEG		Φ=247.5DEG	
	I_{θ} (cd)	$(I_{\theta} - I_{AVG})/I_{AVG}$	I_{θ} (cd)	$(I_{\theta} - I_{AVG})/I_{AVG}$	I_{θ} (cd)	$(I_{\theta} - I_{AVG})/I_{AVG}$	I_{θ} (cd)	$(I_{\theta} - I_{AVG})/I_{AVG}$
0	229	26.90%	230	27.17%	230	26.93%	230	26.97%
5	229	26.53%	230	27.00%	230	26.94%	230	27.27%
10	228	26.02%	229	26.43%	229	26.69%	230	27.09%
15	227	25.32%	228	25.83%	228	26.18%	229	26.93%
20	225	24.43%	226	25.01%	227	25.74%	229	26.44%
25	223	23.57%	225	24.35%	226	25.03%	228	25.99%
30	222	22.63%	223	23.32%	225	24.46%	227	25.32%
35	219	21.14%	221	22.27%	223	23.58%	225	24.42%
40	216	19.66%	218	20.67%	221	22.16%	223	23.31%
45	213	17.56%	215	18.88%	218	20.75%	220	21.63%
50	208	15.14%	211	16.67%	214	18.49%	217	19.83%
55	203	12.35%	206	14.11%	210	15.98%	212	17.47%
60	198	9.36%	201	11.09%	204	13.06%	207	14.68%
65	191	5.90%	195	7.96%	199	9.81%	202	11.52%
70	185	2.18%	188	4.04%	192	6.14%	195	8.05%
75	177	1.94%	181	0.18%	185	2.11%	188	4.05%
80	170	6.21%	173	4.51%	177	2.29%	181	0.16%
85	161	10.78%	164	9.06%	168	6.90%	172	4.89%
90	153	15.61%	156	13.87%	160	11.70%	163	9.63%
95	144	20.49%	147	18.85%	151	16.71%	154	14.71%
100	134	25.66%	137	23.98%	141	21.75%	145	19.89%
105	125	31.02%	128	29.06%	132	27.11%	135	25.21%
110	115	36.37%	118	34.79%	122	32.79%	125	30.86%
115	106	41.46%	109	39.94%	112	38.08%	115	36.41%
120	97	46.57%	99	45.03%	102	43.38%	105	41.71%
125	88	51.53%	90	50.12%	93	48.52%	96	46.93%
130	79	56.36%	82	54.90%	84	53.54%	87	52.02%

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	230	27.01%	229	26.71%	230	27.02%	230	26.93%
5	230	27.20%	230	27.15%	230	27.31%	230	27.17%
10	230	27.37%	230	27.27%	230	27.44%	230	27.22%
15	230	27.09%	230	27.37%	230	27.32%	230	27.02%
20	229	26.91%	230	27.19%	230	27.00%	229	26.88%
25	229	26.41%	229	26.70%	229	26.65%	228	26.29%
30	228	25.86%	228	26.34%	228	26.02%	228	25.89%
35	226	25.15%	227	25.52%	227	25.48%	227	25.30%
40	225	24.30%	225	24.62%	225	24.44%	225	24.27%
45	222	22.75%	223	23.24%	223	23.21%	222	22.98%
50	219	21.12%	220	21.53%	220	21.48%	219	21.11%
55	215	18.80%	216	19.46%	216	19.49%	215	18.81%
60	210	16.21%	211	16.81%	211	16.77%	210	16.41%
65	204	13.01%	206	13.69%	206	13.99%	204	13.08%
70	198	9.56%	199	10.25%	199	10.33%	199	9.84%
75	191	5.59%	192	6.28%	193	6.68%	191	5.79%
80	183	1.20%	185	2.18%	185	2.28%	184	1.62%
85	175	3.35%	177	2.29%	177	2.15%	176	2.85%
90	166	8.18%	168	7.15%	168	7.02%	167	7.54%
95	157	13.32%	159	12.10%	159	12.09%	158	12.61%
100	147	18.42%	149	17.40%	150	17.26%	149	17.67%
105	138	23.77%	140	22.73%	140	22.62%	139	23.08%
110	128	29.03%	130	28.18%	130	28.02%	130	28.31%
115	118	34.90%	119	34.09%	120	33.85%	119	34.26%
120	108	40.35%	109	39.46%	110	39.21%	109	39.58%
125	98	45.63%	100	44.83%	100	44.61%	99	44.99%
130	89	50.84%	90	50.09%	91	49.75%	90	50.18%