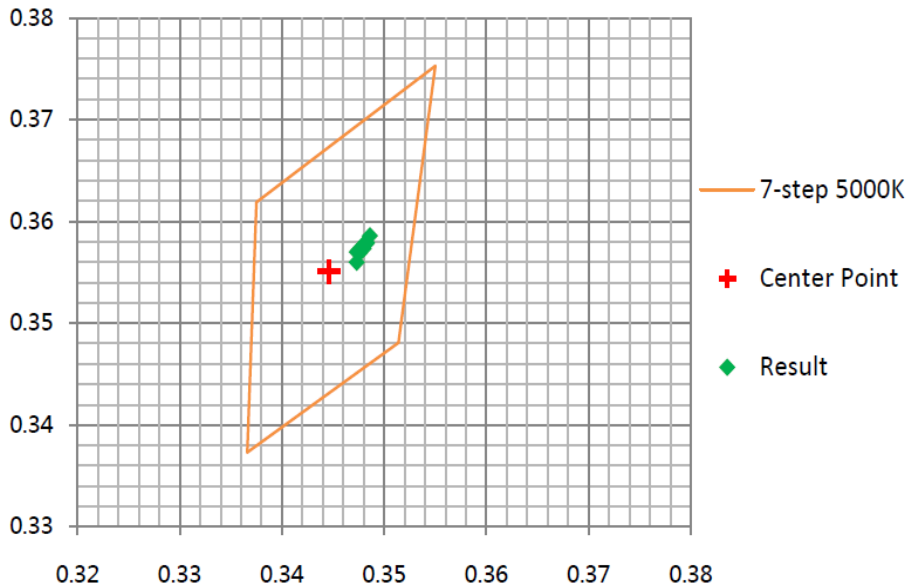


Company: RAB Lighting Inc.  
 Model Name: A21-15-E26-950-DIM

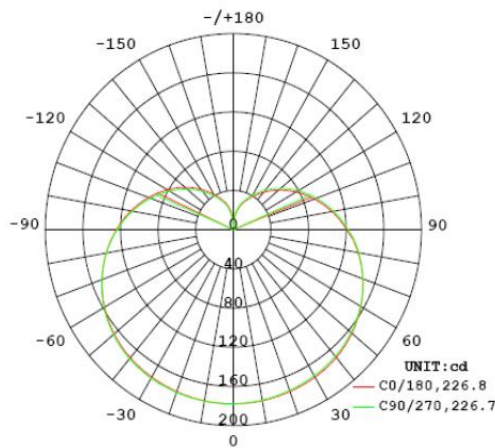
**Initial Photometric and Electrical**

Model Name	Voltage(V)	Current(A)	Power(W)	Power Factor	Luminous Flux(lm)	Efficacy(lm/W)	CCT(K)
A21-15-E26-950-DIM	120	0.1216	14.38	0.9858	1444.7	100.45	4929
	Ra	R9	Rf	Rg	x	y	Duv
	93.7	78	89	98	0.3475	0.3572	0.00182

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



**Luminous Intensity Distribution Diagram**



Model Name	Orientation	Beam Angle (Deg)	CBCP (cd)
A21-15-E26-950-DIM	VBU	226.8	178

**Zonal Lumen Density**

Deg	Flux (lm)	%	Deg	Flux (lm)	%
0-5	4.2	0.29	0-95	1038.9	71.33
0-10	16.9	1.16	0-100	1099.9	75.51
0-15	37.9	2.60	0-105	1156.1	79.37
0-20	66.9	4.60	0-110	1207.1	82.87
0-25	103.7	7.12	0-115	1252.8	86.01
0-30	147.8	10.14	0-120	1293.0	88.77
0-35	198.7	13.64	0-125	1328.0	91.17
0-40	255.8	17.56	0-130	1357.8	93.21
0-45	318.5	21.86	0-135	1382.7	94.92
0-50	385.7	26.48	0-140	1403.0	96.32
0-55	456.7	31.36	0-145	1419.2	97.44
0-60	530.5	36.42	0-150	1431.9	98.30
0-65	605.9	41.60	0-155	1441.3	98.95
0-70	682.0	46.82	0-160	1448.1	99.42
0-75	757.8	52.03	0-165	1452.6	99.73
0-80	832.3	57.14	0-170	1455.3	99.91
0-85	904.5	62.10	0-175	1456.5	99.99
0-90	973.6	66.84	0-180	1456.6	100.00

Gamma	Φ=0DEG		Φ=22.5DEG		Φ=45DEG		Φ=67.5DEG	
	I <sub>0</sub> (cd)	(I <sub>0</sub> -I <sub>AVG</sub> )/I <sub>AVG</sub>	I <sub>0</sub> (cd)	(I <sub>0</sub> -I <sub>AVG</sub> )/I <sub>AVG</sub>	I <sub>0</sub> (cd)	(I <sub>0</sub> -I <sub>AVG</sub> )/I <sub>AVG</sub>	I <sub>0</sub> (cd)	(I <sub>0</sub> -I <sub>AVG</sub> )/I <sub>AVG</sub>
0	178	26.78%	178	27.02%	178	26.89%	178	26.99%
5	178	26.88%	178	26.86%	178	26.99%	178	26.90%
10	177	26.55%	178	26.80%	178	26.84%	178	26.89%
15	177	26.09%	177	26.24%	177	26.53%	177	26.61%
20	176	25.55%	176	25.64%	177	26.23%	177	26.17%
25	175	24.92%	175	25.03%	176	25.53%	176	25.50%
30	173	23.85%	174	24.20%	175	24.87%	175	24.93%
35	172	23.10%	173	23.19%	173	23.81%	173	23.90%
40	170	21.72%	171	21.85%	172	22.64%	172	22.72%
45	168	20.26%	168	20.29%	169	20.96%	169	20.99%
50	165	18.04%	166	18.31%	166	18.74%	167	19.08%
55	162	15.83%	162	15.90%	163	16.40%	163	16.44%
60	158	12.82%	158	13.12%	159	13.42%	159	13.72%
65	154	9.76%	154	9.96%	154	10.21%	154	10.18%
70	149	6.14%	149	6.31%	149	6.61%	149	6.66%
75	143	2.18%	144	2.53%	144	2.57%	143	2.39%
80	137	1.97%	137	1.83%	138	1.69%	137	1.95%
85	131	6.44%	131	6.38%	131	6.26%	131	6.71%
90	124	11.16%	124	11.17%	125	11.07%	124	11.53%
95	118	15.98%	117	16.16%	118	16.02%	117	16.60%
100	111	21.04%	110	21.19%	110	21.24%	110	21.74%
105	103	26.15%	103	26.46%	103	26.42%	102	27.13%
110	96	31.34%	96	31.63%	95	31.87%	95	32.50%
115	89	36.61%	88	36.90%	88	37.24%	87	37.87%
120	81	41.85%	81	42.19%	80	42.57%	80	43.18%
125	74	47.08%	74	47.38%	73	47.85%	72	48.35%
130	67	52.08%	67	52.34%	66	52.83%	65	53.42%

Gamma	$\Phi=90\text{DEG}$		$\Phi=112.5\text{DEG}$		$\Phi=135\text{DEG}$		$\Phi=157.5\text{DEG}$	
	$I_0$ (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	178	26.92%	178	27.03%	178	27.00%	177	26.73%
5	178	26.92%	178	27.06%	178	26.95%	177	26.67%
10	178	26.95%	178	27.08%	177	26.70%	177	26.44%
15	177	26.63%	177	26.67%	177	26.38%	177	26.10%
20	177	26.20%	177	26.36%	176	25.93%	176	25.59%
25	176	25.67%	176	25.76%	176	25.33%	175	24.88%
30	175	25.00%	175	25.15%	174	24.55%	174	24.32%
35	174	24.02%	174	24.13%	173	23.67%	173	23.19%
40	172	22.84%	172	22.97%	171	22.30%	171	21.92%
45	169	21.02%	170	21.28%	169	20.60%	168	19.96%
50	167	19.08%	167	19.11%	166	18.44%	165	17.78%
55	163	16.47%	163	16.49%	162	15.93%	161	15.19%
60	159	13.58%	159	13.55%	158	12.78%	157	12.05%
65	154	10.19%	154	10.05%	153	9.57%	152	8.65%
70	149	6.48%	149	6.26%	148	5.64%	147	4.87%
75	143	2.27%	143	2.06%	142	1.59%	141	0.69%
80	137	1.95%	137	2.46%	136	3.10%	135	3.73%
85	130	6.82%	130	7.19%	129	7.78%	128	8.44%
90	124	11.62%	123	12.15%	122	12.84%	121	13.34%
95	116	16.81%	116	17.31%	115	17.97%	114	18.36%
100	109	22.06%	108	22.56%	107	23.30%	107	23.65%
105	102	27.51%	101	27.97%	100	28.62%	100	28.93%
110	94	32.97%	93	33.40%	92	34.11%	92	34.36%
115	86	38.36%	86	38.88%	85	39.43%	84	39.74%
120	79	43.72%	78	44.22%	77	44.79%	77	45.03%
125	71	48.98%	71	49.49%	70	49.99%	70	50.27%
130	64	54.01%	64	54.52%	63	54.98%	63	55.22%

Gamma	$\Phi=180\text{DEG}$		$\Phi=202.5\text{DEG}$		$\Phi=225\text{DEG}$		$\Phi=247.5\text{DEG}$	
	$I_0$ (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	178	26.78%	178	27.02%	178	26.89%	178	26.99%
5	178	26.87%	177	26.70%	177	26.70%	177	26.71%
10	177	26.40%	177	26.39%	177	26.18%	177	26.27%
15	177	26.14%	176	25.75%	176	25.53%	176	25.67%
20	176	25.39%	175	24.97%	175	24.80%	175	24.94%
25	175	24.87%	174	24.31%	174	23.98%	174	23.92%
30	174	24.03%	173	23.36%	172	23.11%	172	23.07%
35	172	23.05%	171	22.29%	171	22.17%	171	21.81%
40	170	21.57%	169	20.89%	169	20.52%	169	20.49%
45	168	19.74%	167	19.02%	167	19.05%	166	18.75%
50	164	17.40%	164	16.81%	163	16.56%	163	16.52%
55	161	14.92%	160	14.21%	160	14.14%	160	14.08%
60	156	11.76%	156	11.27%	156	11.15%	156	11.17%
65	152	8.50%	151	8.01%	151	7.98%	151	7.97%
70	147	4.62%	146	4.21%	146	4.13%	146	4.51%
75	141	0.55%	140	0.25%	140	0.30%	141	0.55%
80	135	3.87%	134	4.19%	134	4.14%	135	3.56%
85	128	8.33%	128	8.69%	128	8.49%	129	8.10%
90	121	13.82%	120	14.14%	121	13.85%	121	13.32%
95	114	18.79%	113	19.15%	114	18.72%	114	18.25%
100	106	24.03%	106	24.21%	107	23.72%	108	23.23%
105	99	29.21%	99	29.39%	100	28.88%	100	28.31%
110	92	34.54%	92	34.63%	92	34.01%	93	33.56%
115	84	39.84%	84	39.81%	85	39.29%	86	38.71%
120	77	45.03%	77	44.93%	78	44.45%	79	43.87%
125	70	50.18%	70	50.02%	71	49.52%	72	48.86%
130	63	55.12%	63	54.89%	64	54.42%	65	53.81%

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	178	26.92%	178	27.03%	178	27.00%	177	26.73%
5	177	26.60%	177	26.71%	177	26.76%	177	26.62%
10	177	26.17%	177	26.38%	177	26.46%	177	26.24%
15	176	25.44%	176	25.81%	176	25.74%	176	25.78%
20	175	24.72%	175	25.09%	175	25.09%	175	25.15%
25	173	23.83%	174	24.13%	174	24.27%	174	24.34%
30	172	22.90%	173	23.45%	173	23.40%	173	23.59%
35	171	21.81%	171	22.18%	171	22.32%	172	22.69%
40	169	20.44%	169	21.03%	169	21.04%	170	21.37%
45	166	18.85%	167	19.13%	167	19.39%	168	19.89%
50	163	16.73%	164	17.27%	165	17.53%	165	17.77%
55	160	14.25%	161	14.71%	161	15.10%	162	15.36%
60	156	11.62%	157	11.95%	157	12.40%	158	12.58%
65	152	8.27%	152	8.76%	153	9.29%	153	9.46%
70	147	4.82%	148	5.36%	148	5.76%	148	5.94%
75	141	0.86%	142	1.38%	143	2.04%	143	2.13%
80	135	3.30%	136	2.70%	137	2.19%	137	2.12%
85	129	7.77%	130	6.99%	131	6.64%	131	6.49%
90	122	12.81%	123	12.26%	124	11.70%	124	11.69%
95	115	17.76%	116	16.97%	117	16.61%	117	16.46%
100	108	22.66%	109	22.03%	110	21.47%	110	21.32%
105	101	27.69%	102	27.00%	103	26.62%	103	26.42%
110	94	32.81%	95	32.26%	96	31.76%	96	31.59%
115	87	37.93%	88	37.40%	88	37.00%	89	36.76%
120	80	43.17%	80	42.57%	81	42.03%	81	41.98%
125	73	48.17%	73	47.64%	74	47.22%	74	47.07%
130	66	53.17%	66	52.63%	67	52.11%	67	52.09%