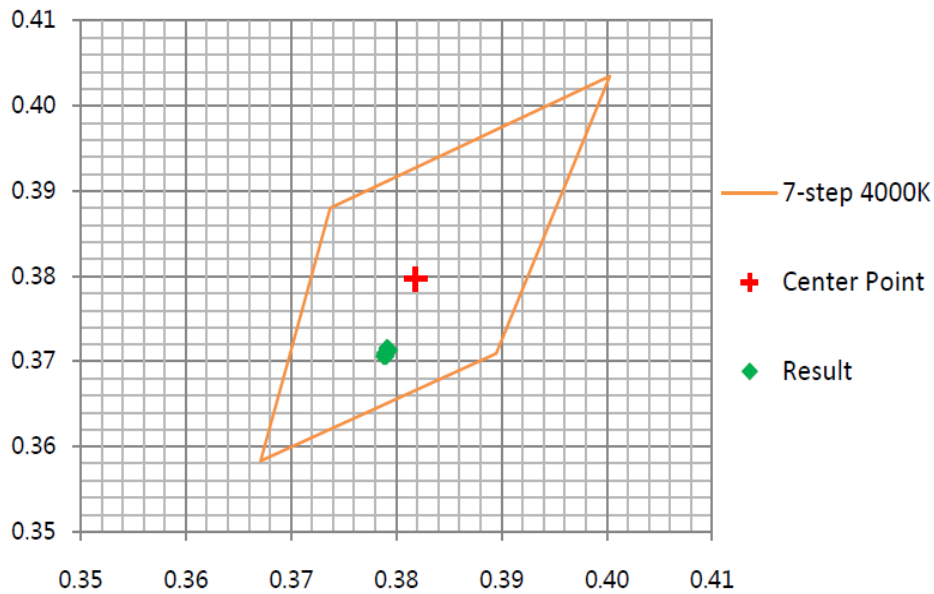


Company: RAB Lighting Inc.
 Model Name: A21-17-E26-940-DIM

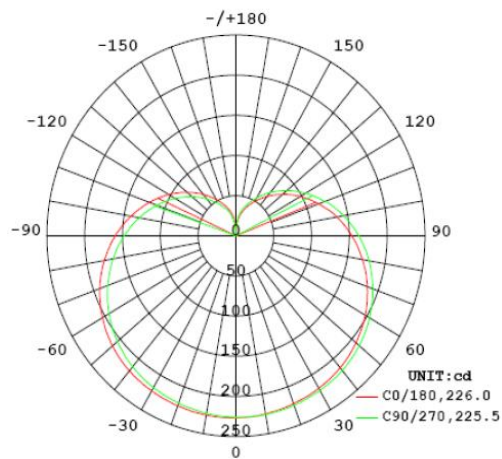
Initial Photometric and Electrical

Model Name	Voltage(V)	Current(A)	Power(W)	Power Factor	Luminous Flux(lm)	Efficacy(lm/W)	CCT(K)
A21-17-E26-940-DIM	120	0.1375	16.28	0.9873	1838.5	112.96	3994
	Ra	R9	Rf	Rg	x	y	Duv
	95.4	85	89	99	0.3792	0.3715	-0.00215

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



Luminous Intensity Distribution Diagram



Model Name	Orientation	Beam Angle (Deg)	CBCP (cd)
A21-17-E26-940-DIM	VBU	225.8	226.8

Zonal Lumen Density

Deg	Flux (lm)	%	Deg	Flux (lm)	%
0-5	5.4	0.29	0-95	1317.6	71.38
0-10	21.5	1.17	0-100	1394.9	75.57
0-15	48.2	2.61	0-105	1466.1	79.43
0-20	85.1	4.61	0-110	1530.7	82.93
0-25	131.8	7.14	0-115	1588.5	86.06
0-30	187.8	10.18	0-120	1639.3	88.81
0-35	252.5	13.68	0-125	1683.4	91.20
0-40	325.0	17.61	0-130	1721.0	93.24
0-45	404.5	21.91	0-135	1752.4	94.94
0-50	489.8	26.54	0-140	1778.1	96.33
0-55	579.9	31.42	0-145	1798.7	97.45
0-60	673.4	36.48	0-150	1814.6	98.31
0-65	769.0	41.66	0-155	1826.5	98.95
0-70	865.5	46.89	0-160	1835.1	99.42
0-75	961.4	52.09	0-165	1840.8	99.73
0-80	1055.7	57.20	0-170	1844.2	99.91
0-85	1147.2	62.15	0-175	1845.6	99.99
0-90	1234.8	66.90	0-180	1845.8	100.00

Gamma	Φ=0DEG		Φ=22.5DEG		Φ=45DEG		Φ=67.5DEG	
	I _g (cd)	(I _g -I _{AVG})/I _{AVG}	I _g (cd)	(I _g -I _{AVG})/I _{AVG}	I _g (cd)	(I _g -I _{AVG})/I _{AVG}	I _g (cd)	(I _g -I _{AVG})/I _{AVG}
0	226	27.49%	226	27.20%	226	27.36%	226	27.41%
5	227	27.67%	226	27.27%	226	27.13%	226	27.02%
10	226	27.42%	226	27.07%	225	26.77%	225	26.94%
15	226	27.43%	225	26.72%	224	26.34%	224	26.02%
20	225	26.75%	224	26.20%	223	25.53%	223	25.49%
25	224	26.28%	223	25.75%	222	24.76%	221	24.40%
30	223	25.51%	222	24.80%	220	24.04%	219	23.46%
35	221	24.56%	220	24.01%	218	22.84%	217	22.00%
40	219	23.54%	218	22.50%	216	21.37%	214	20.30%
45	217	22.01%	215	21.00%	212	19.48%	210	18.30%
50	213	20.03%	211	18.70%	208	17.32%	206	15.80%
55	209	17.67%	206	16.20%	203	14.58%	201	13.16%
60	204	14.74%	201	13.27%	198	11.59%	195	10.00%
65	198	11.43%	195	9.77%	192	8.05%	189	6.45%
70	192	7.96%	188	6.05%	185	4.33%	182	2.59%
75	184	3.82%	181	1.89%	178	0.11%	175	1.56%
80	177	0.48%	173	2.52%	170	4.41%	167	6.12%
85	168	5.29%	165	7.21%	161	9.27%	159	10.62%
90	160	10.09%	156	12.04%	153	13.98%	150	15.63%
95	150	15.28%	147	17.11%	144	19.12%	141	20.54%
100	141	20.64%	138	22.20%	134	24.30%	132	25.87%
105	132	25.92%	128	27.67%	125	29.46%	122	31.06%
110	122	31.36%	119	32.96%	116	34.77%	113	36.32%
115	112	36.83%	109	38.43%	106	40.09%	104	41.62%
120	103	42.13%	100	43.73%	97	45.36%	95	46.73%
125	93	47.45%	91	48.94%	88	50.45%	86	51.73%
130	84	52.56%	82	54.02%	79	55.33%	77	56.58%

Gamma	Φ=90DEG		Φ=112.5DEG		Φ=135DEG		Φ=157.5DEG	
	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	226	27.25%	226	27.26%	226	27.12%	226	27.02%
5	225	26.84%	226	27.06%	225	26.81%	225	26.56%
10	224	26.30%	224	26.30%	224	26.20%	224	25.96%
15	223	25.54%	224	25.87%	223	25.62%	223	25.30%
20	222	24.87%	222	24.73%	221	24.64%	221	24.56%
25	220	23.98%	220	23.74%	220	23.85%	219	23.57%
30	218	22.95%	218	22.53%	218	22.50%	218	22.64%
35	216	21.44%	215	21.16%	216	21.36%	215	21.23%
40	213	19.69%	212	19.38%	212	19.51%	213	19.80%
45	209	17.58%	208	17.32%	209	17.54%	209	17.74%
50	205	15.34%	204	14.79%	204	15.02%	205	15.47%
55	200	12.42%	199	11.93%	199	12.06%	200	12.83%
60	194	9.20%	193	8.65%	193	8.80%	195	9.60%
65	188	5.60%	187	5.13%	187	5.26%	188	6.02%
70	180	1.52%	180	1.23%	180	1.40%	182	2.32%
75	173	2.66%	172	3.01%	173	2.74%	174	1.97%
80	165	7.14%	164	7.49%	165	7.25%	167	6.24%
85	157	11.77%	156	12.21%	157	11.83%	158	10.97%
90	148	16.66%	147	17.06%	148	16.73%	150	15.71%
95	139	21.69%	138	22.04%	139	21.65%	141	20.71%
100	130	26.79%	129	27.29%	130	26.77%	132	25.72%
105	121	31.99%	120	32.36%	121	32.00%	123	30.90%
110	111	37.24%	111	37.65%	112	37.16%	114	36.08%
115	102	42.38%	102	42.74%	102	42.39%	104	41.30%
120	93	47.57%	93	47.88%	93	47.56%	95	46.37%
125	84	52.45%	84	52.75%	84	52.45%	86	51.43%
130	76	57.27%	75	57.51%	76	57.28%	78	56.17%

Gamma	Φ=180DEG		Φ=202.5DEG		Φ=225DEG		Φ=247.5DEG	
	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	226	27.49%	226	27.20%	226	27.36%	226	27.41%
5	226	27.39%	226	27.01%	226	27.11%	226	27.28%
10	225	26.74%	225	26.49%	226	27.06%	226	27.14%
15	224	26.06%	224	26.01%	224	26.36%	225	26.77%
20	222	25.19%	223	25.33%	223	25.80%	224	26.23%
25	221	24.38%	221	24.67%	222	24.92%	223	25.33%
30	219	23.37%	220	23.79%	221	24.25%	222	24.78%
35	217	22.22%	218	22.81%	219	23.24%	220	23.68%
40	214	20.63%	216	21.47%	217	22.00%	218	22.82%
45	211	18.93%	213	19.70%	214	20.34%	215	21.34%
50	207	16.56%	209	17.52%	210	18.31%	212	19.52%
55	203	14.16%	204	15.03%	206	15.93%	208	17.08%
60	197	11.05%	199	12.11%	201	13.20%	203	14.40%
65	191	7.76%	193	8.91%	195	10.03%	197	11.19%
70	185	4.01%	187	5.18%	189	6.51%	191	7.81%
75	178	0.05%	180	1.28%	182	2.70%	185	3.90%
80	170	4.41%	172	3.06%	175	1.57%	177	0.12%
85	162	8.88%	164	7.57%	167	5.96%	169	4.76%
90	153	13.76%	156	12.16%	159	10.67%	161	9.38%
95	145	18.60%	147	17.04%	150	15.75%	152	14.39%
100	135	23.80%	138	22.16%	141	20.74%	143	19.45%
105	126	28.98%	129	27.12%	132	25.92%	134	24.62%
110	116	34.44%	119	32.93%	122	31.57%	124	30.17%
115	107	39.60%	110	38.20%	112	36.86%	114	35.66%
120	98	44.77%	100	43.44%	103	42.06%	105	40.88%
125	89	49.79%	91	48.51%	94	47.28%	95	46.24%
130	80	54.77%	83	53.51%	85	52.23%	87	51.28%

Gamma	$\phi=270\text{DEG}$		$\phi=292.5\text{DEG}$		$\phi=315\text{DEG}$		$\phi=337.5\text{DEG}$	
	I_{θ} (cd)	$(I_{\theta} - I_{AVG})/I_{AVG}$	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	226	27.25%	226	27.26%	226	27.12%	226	27.02%
5	226	27.26%	227	27.58%	226	27.42%	226	27.17%
10	226	27.25%	226	27.33%	226	27.28%	226	27.35%
15	225	26.94%	226	27.15%	226	27.22%	225	26.96%
20	224	26.39%	225	26.64%	225	26.63%	225	26.79%
25	223	25.82%	224	26.11%	224	26.30%	224	26.03%
30	222	25.16%	223	25.47%	223	25.59%	223	25.51%
35	221	24.31%	221	24.54%	222	24.94%	221	24.70%
40	219	23.18%	219	23.37%	220	23.88%	220	23.62%
45	216	21.69%	217	22.08%	218	22.55%	217	22.17%
50	213	19.78%	213	20.21%	214	20.72%	214	20.28%
55	209	17.51%	210	18.23%	210	18.35%	209	17.90%
60	204	14.95%	205	15.54%	205	15.59%	205	15.26%
65	199	11.84%	200	12.49%	200	12.68%	199	12.07%
70	193	8.40%	194	9.12%	194	9.05%	193	8.68%
75	186	4.64%	187	5.15%	187	5.22%	186	4.80%
80	179	0.61%	180	1.08%	179	1.01%	178	0.48%
85	171	3.94%	171	3.45%	171	3.64%	170	4.04%
90	163	8.37%	163	8.20%	163	8.28%	162	8.95%
95	154	13.47%	155	12.99%	154	13.24%	153	13.90%
100	145	18.45%	145	18.24%	145	18.45%	144	19.17%
105	135	23.83%	136	23.47%	136	23.65%	134	24.43%
110	125	29.38%	126	28.92%	126	29.18%	124	30.16%
115	116	34.92%	116	34.48%	116	34.85%	114	35.67%
120	106	40.24%	107	39.92%	106	40.25%	105	41.03%
125	97	45.52%	98	45.06%	97	45.56%	95	46.34%
130	88	50.61%	88	50.36%	87	50.73%	86	51.41%