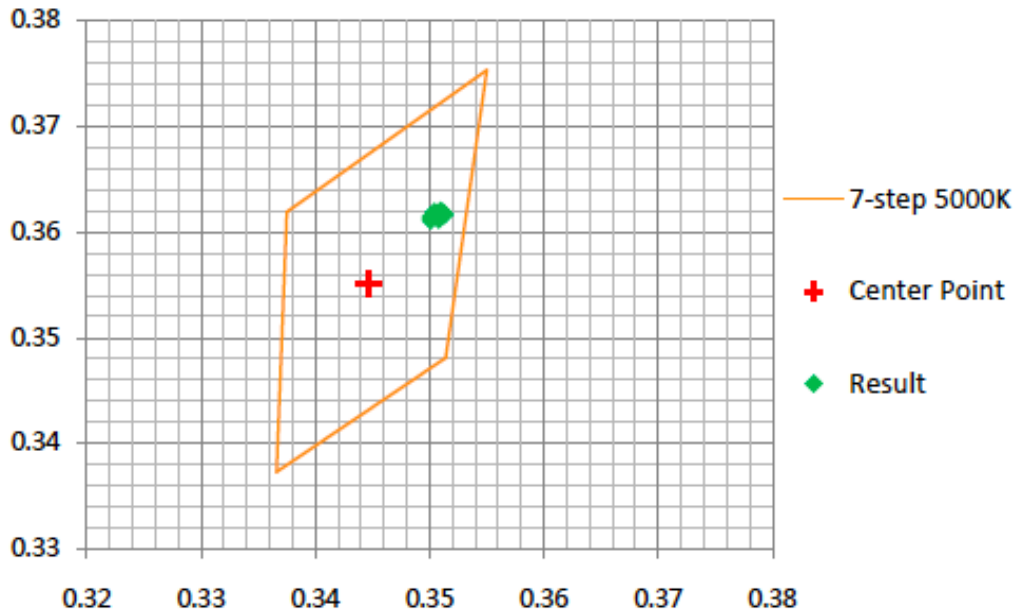


Company: RAB Lighting Inc.  
 Model Name: BR40-11-950-DIM

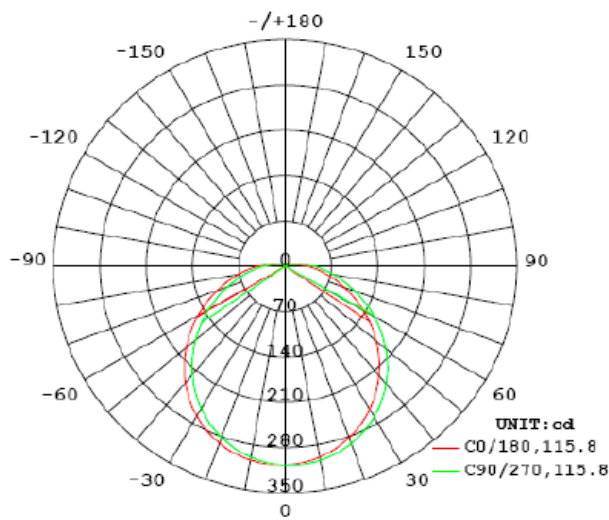
**Initial Photometric and Electrical**

Model Name	Voltage(V)	Current(A)	Power(W)	Power Factor	Luminous Flux(lm)	Efficacy(lm/W)	CCT(K)
BR40-11-930-DIM	120	0.0914	10.66	0.9726	1025.8	96.19	4853
	Ra	R9	Rf	Rg	x	y	Duv
	93	75	89	98	0.3501	0.3611	0.00277

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



**Luminous Intensity Distribution Diagram**



Model Name	Orientation	Beam Angle (Deg)	CBCP (cd)
BR40-11-930-DIM	VBU	115.8	307.4

**Zonal Lumen Density**

Deg	Flux (lm)	%	Deg	Flux (lm)	%
0-5	7.3	0.71	0-95	985.3	95.92
0-10	29.0	2.83	0-100	997.7	97.13
0-15	64.4	6.27	0-105	1006.4	97.98
0-20	112.4	10.94	0-110	1012.5	98.57
0-25	171.3	16.67	0-115	1016.9	99.00
0-30	239.1	23.28	0-120	1020.1	99.32
0-35	313.8	30.55	0-125	1022.5	99.55
0-40	392.7	38.23	0-130	1024.2	99.71
0-45	473.4	46.09	0-135	1025.3	99.82
0-50	553.4	53.88	0-140	1026.0	99.89
0-55	630.3	61.36	0-145	1026.5	99.93
0-60	702.1	68.35	0-150	1026.8	99.96
0-65	767.1	74.68	0-155	1026.9	99.97
0-70	824.0	80.22	0-160	1027.0	99.98
0-75	872.5	84.94	0-165	1027.1	99.99
0-80	912.3	88.82	0-170	1027.1	100.00
0-85	943.8	91.89	0-175	1027.2	100.00
0-90	967.8	94.22	0-180	1027.2	100.00

$\theta \backslash \Phi$	0°	90°	180°	270°
0.0°	306.7	306.7	306.7	306.7
5.0°	306.6	304.6	304.2	307.2
10.0°	303.9	299.4	299.2	304.2
15.0°	298.8	291.9	291.9	299.3
20.0°	290.6	281.7	282.0	291.3
25.0°	280.7	269.2	269.9	281.5
30.0°	267.4	253.7	255.3	268.9
35.0°	252.4	237.1	239.0	254.0
40.0°	235.0	218.2	220.4	237.1
45.0°	215.9	198.2	200.8	218.6
50.0°	195.4	176.8	179.7	198.3
55.0°	174.1	155.5	158.5	177.2
60.0°	152.3	133.7	137.0	155.5
65.0°	130.6	112.8	115.0	133.6
70.0°	109.5	92.8	95.1	112.0
75.0°	89.7	74.7	76.7	92.2
80.0°	71.6	59.1	60.1	73.9
85.0°	55.1	43.6	45.6	57.4
90.0°	41.1	31.8	33.5	43.2
95.0°	29.8	22.7	23.9	31.4
100.0°	21.1	16.0	16.9	22.3
105.0°	14.9	11.5	12.2	15.8
110.0°	10.8	8.6	9.0	11.4
115.0°	8.2	6.7	7.0	8.5
120.0°	6.3	5.1	5.4	6.6
125.0°	4.8	3.8	4.1	5.1
130.0°	3.5	2.7	3.0	3.8
135.0°	2.5	1.9	2.1	2.7
140.0°	1.8	1.3	1.4	1.9
145.0°	1.2	0.9	0.9	1.3
150.0°	0.8	0.6	0.6	0.8
155.0°	0.6	0.5	0.5	0.5
160.0°	0.5	0.5	0.4	0.4
165.0°	0.5	0.5	0.3	0.3
170.0°	0.5	0.5	0.3	0.3
175.0°	0.5	0.5	0.4	0.4
180.0°	0.4	0.4	0.4	0.4

Average Weighted  
 $u': 0.2448$   $v': 0.5189$

$\gamma_{C0-180}$	$u'$	$v'$	$Du'v'$
-55	0.2441	0.5191	0.0007
-50	0.2443	0.5191	0.0005
-45	0.2446	0.5191	0.0003
-40	0.2448	0.5191	0.0002
-35	0.2448	0.5190	0.0001
-30	0.2451	0.5190	0.0003
-25	0.2451	0.5189	0.0003
-20	0.2450	0.5188	0.0002
-15	0.2450	0.5187	0.0003
-10	0.2450	0.5187	0.0003
-5	0.2451	0.5186	0.0004
0	0.2450	0.5188	0.0002
5	0.2451	0.5187	0.0004
10	0.2451	0.5187	0.0004
15	0.2451	0.5188	0.0003
20	0.2452	0.5188	0.0004
25	0.2452	0.5190	0.0004
30	0.2450	0.5190	0.0002
35	0.2450	0.5191	0.0003
40	0.2448	0.5191	0.0002
45	0.2447	0.5191	0.0002
50	0.2444	0.5190	0.0004
55	0.2440	0.5189	0.0008

$\gamma_{C90-270}$	$u'$	$v'$	$Du'v'$
-55	0.2443	0.5188	0.0005
-50	0.2447	0.5189	0.0001
-45	0.2448	0.5189	0.0000
-40	0.2451	0.5190	0.0003
-35	0.2451	0.5189	0.0003
-30	0.2452	0.5188	0.0004
-25	0.2453	0.5188	0.0005
-20	0.2452	0.5186	0.0005
-15	0.2452	0.5186	0.0005
-10	0.2451	0.5185	0.0005
-5	0.2451	0.5184	0.0006
0	0.2450	0.5188	0.0002
5	0.2451	0.5184	0.0006
10	0.2451	0.5185	0.0005
15	0.2451	0.5186	0.0004
20	0.2452	0.5187	0.0004
25	0.2452	0.5188	0.0004
30	0.2452	0.5189	0.0004
35	0.2449	0.5189	0.0001
40	0.2449	0.5190	0.0001
45	0.2447	0.5190	0.0001
50	0.2446	0.5190	0.0002
55	0.2441	0.5188	0.0007