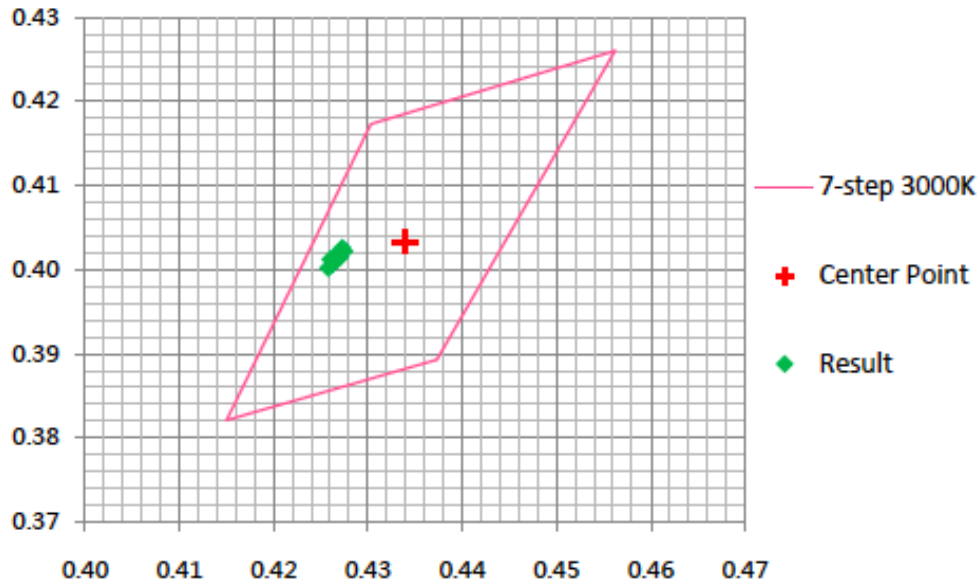


Company: RAB Lighting Inc.
 Model Name: BR40-11-930-DIM

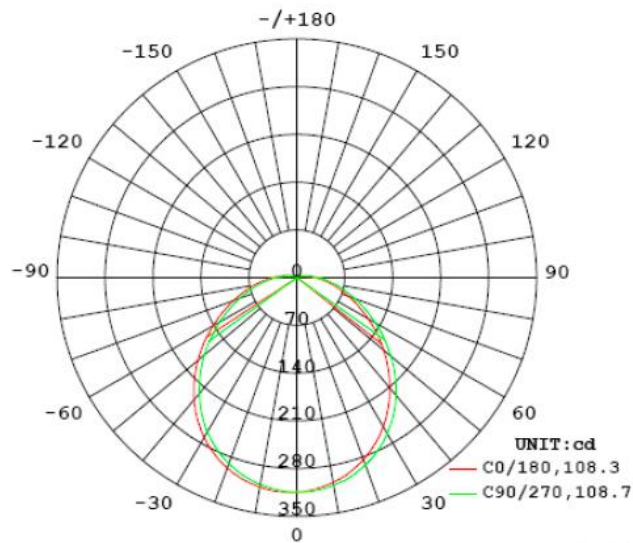
Initial Photometric and Electrical

Model Name	Voltage(V)	Current(A)	Power(W)	Power Factor	Luminous Flux(lm)	Efficacy(lm/W)	CCT(K)
BR40-11-930-DIM	120	0.09128	10.66	0.973	962.51	90.27	3157
	Ra	R9	Rf	Rg	x	y	Duv
	92.5	66	90	100	0.4266	0.4012	0.0004

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	108.5	315.2

Zonal Lumen Density

Deg	Flux (lm)	%	Deg	Flux (lm)	%
0-5	7.5	0.78	0-95	934.3	96.61
0-10	29.7	3.07	0-100	944.6	97.68
0-15	65.9	6.82	0-105	951.7	98.41
0-20	114.7	11.86	0-110	956.6	98.92
0-25	174.4	18.03	0-115	960.0	99.27
0-30	242.7	25.10	0-120	962.5	99.53
0-35	317.2	32.80	0-125	964.2	99.71
0-40	395.0	40.85	0-130	965.4	99.83
0-45	473.5	48.96	0-135	966.2	99.91
0-50	549.8	56.86	0-140	966.6	99.96
0-55	621.9	64.30	0-145	966.9	99.98
0-60	687.7	71.11	0-150	967.0	99.99
0-65	746.0	77.14	0-155	967.0	100.00
0-70	796.3	82.34	0-160	967.1	100.00
0-75	838.4	86.70	0-165	967.1	100.00
0-80	872.6	90.23	0-170	967.1	100.00
0-85	899.4	93.00	0-175	967.1	100.00
0-90	919.6	95.09	0-180	967.1	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'	$Du'v'$	$\gamma C90-270$	u'	v'	$Du'v'$
-55	0.2441	0.5191	0.0007	-55	0.2443	0.5188	0.0005
-50	0.2443	0.5191	0.0005	-50	0.2447	0.5189	0.0001
-45	0.2446	0.5191	0.0003	-45	0.2448	0.5189	0.0000
-40	0.2448	0.5191	0.0002	-40	0.2451	0.5190	0.0003
-35	0.2448	0.5190	0.0001	-35	0.2451	0.5189	0.0003
-30	0.2451	0.5190	0.0003	-30	0.2452	0.5188	0.0004
-25	0.2451	0.5189	0.0003	-25	0.2453	0.5188	0.0005
-20	0.2450	0.5188	0.0002	-20	0.2452	0.5188	0.0005
-15	0.2450	0.5187	0.0003	-15	0.2452	0.5188	0.0005
-10	0.2450	0.5187	0.0003	-10	0.2451	0.5185	0.0005
-5	0.2451	0.5188	0.0004	-5	0.2451	0.5184	0.0008
0	0.2450	0.5188	0.0002	0	0.2450	0.5188	0.0002
5	0.2451	0.5187	0.0004	5	0.2451	0.5184	0.0008
10	0.2451	0.5187	0.0004	10	0.2451	0.5185	0.0005
15	0.2451	0.5188	0.0003	15	0.2451	0.5188	0.0004
20	0.2452	0.5188	0.0004	20	0.2452	0.5187	0.0004
25	0.2452	0.5190	0.0004	25	0.2452	0.5188	0.0004
30	0.2450	0.5190	0.0002	30	0.2452	0.5189	0.0004
35	0.2450	0.5191	0.0003	35	0.2449	0.5189	0.0001
40	0.2448	0.5191	0.0002	40	0.2449	0.5190	0.0001
45	0.2447	0.5191	0.0002	45	0.2447	0.5190	0.0001
50	0.2444	0.5190	0.0004	50	0.2446	0.5190	0.0002
55	0.2440	0.5189	0.0008	55	0.2441	0.5188	0.0007