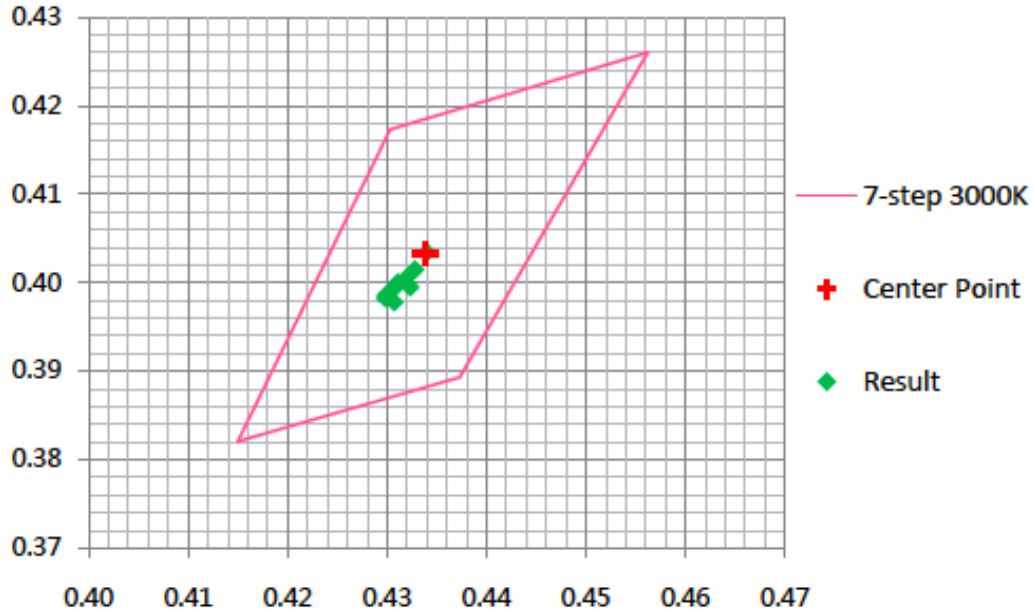


Company: RAB Lighting Inc.
 Model Name: PAR20-7-930-40D-DIM

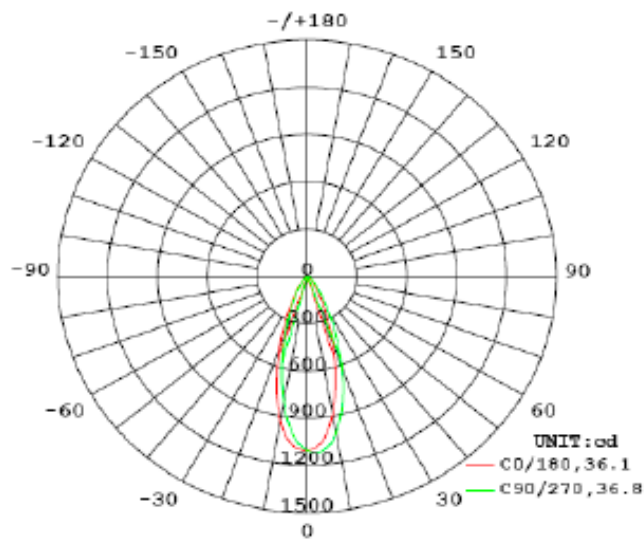
Initial Photometric and Electrical

Model Name	Voltage(V)	Current(A)	Power(W)	Power Factor	Luminous Flux(lm)	Efficacy(lm/W)	CCT(K)
PAR20-7-930-40D-DIM	120	0.0601	6.864	0.9515	572.56	83.42	3042
	Ra	R9	Rf	Rg	x	y	Duv
	94.5	73	90	99	0.4323	0.3995	-0.00118

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



Luminous Intensity Distribution Diagram



Model Name	Orientation	Beam Angle (Deg)	CBCP (cd)
PAR20-7-930-40D-DIM	VBU	36.4	1118

Zonal Lumen Density

Deg	Flux (lm)	%
0-5	25.9	4.51
0-10	96.3	16.79
0-15	190.9	33.31
0-20	287.2	50.10
0-25	369.1	64.38
0-30	430.8	75.14
0-35	473.7	82.64
0-40	502.4	87.64
0-45	521.5	90.97
0-50	534.8	93.30
0-55	544.8	95.04
0-60	552.7	96.41
0-65	559.0	97.50
0-70	563.9	98.37
0-75	567.8	99.05
0-80	570.6	99.54
0-85	572.4	99.85
0-90	573.2	99.98

Deg	Flux (lm)	%
0-95	573.3	100.00
0-100	573.3	100.00
0-105	573.3	100.00
0-110	573.3	100.00
0-115	573.3	100.00
0-120	573.3	100.00
0-125	573.3	100.00
0-130	573.3	100.00
0-135	573.3	100.00
0-140	573.3	100.00
0-145	573.3	100.00
0-150	573.3	100.00
0-155	573.3	100.00
0-160	573.3	100.00
0-165	573.3	100.00
0-170	573.3	100.00
0-175	573.3	100.00
0-180	573.3	100.00

θ	0°	90°	180°	270°
0.0°	1103.4	1103.4	1103.4	1103.4
5.0°	1071.2	1006.2	1049.8	1108.0
10.0°	928.7	811.0	885.6	1009.2
15.0°	710.0	585.7	683.4	823.6
20.0°	488.2	387.0	454.5	608.1
25.0°	306.9	241.8	282.8	408.1
30.0°	181.9	147.9	167.2	257.5
35.0°	105.3	89.3	97.8	155.2
40.0°	61.8	55.7	57.8	93.5
45.0°	37.6	35.4	35.9	58.1
50.0°	25.3	24.2	24.5	37.8
55.0°	18.6	17.4	18.2	25.9
60.0°	14.2	13.0	14.1	18.3
65.0°	11.0	10.0	10.8	13.4
70.0°	8.5	7.6	8.3	10.2
75.0°	6.2	5.6	6.1	7.6
80.0°	4.2	3.4	4.0	5.2
85.0°	2.4	1.3	2.3	3.0
90.0°	0.5	0.1	0.5	1.0
95.0°	0.0	0.0	0.0	0.0
100.0°	0.0	0.0	0.0	0.0
105.0°	0.0	0.0	0.0	0.0
110.0°	0.0	0.0	0.0	0.0
115.0°	0.0	0.0	0.0	0.0
120.0°	0.0	0.0	0.0	0.0
125.0°	0.0	0.0	0.0	0.0
130.0°	0.0	0.0	0.0	0.0
135.0°	0.0	0.0	0.0	0.0
140.0°	0.0	0.0	0.0	0.0
145.0°	0.0	0.0	0.0	0.0
150.0°	0.0	0.0	0.0	0.0
155.0°	0.0	0.0	0.0	0.0
160.0°	0.0	0.0	0.0	0.0
165.0°	0.0	0.0	0.0	0.0
170.0°	0.0	0.0	0.0	0.0
175.0°	0.0	0.0	0.0	0.0
180.0°	0.0	0.0	0.0	0.0

Average Weighted
u':0.2490 v': 0.5188

$\gamma C0-180$	u'	v'	Du'v'
-20	0.2496	0.5193	0.0008
-15	0.2493	0.5192	0.0005
-10	0.2490	0.5188	0.0000
-5	0.2485	0.5185	0.0006
0	0.2487	0.5184	0.0005
5	0.2484	0.5183	0.0008
10	0.2490	0.5185	0.0003
15	0.2490	0.5188	0.0000
20	0.2492	0.5190	0.0003

$\gamma C90-270$	u'	v'	Du'v'
-20	0.2494	0.5195	0.0008
-15	0.2492	0.5192	0.0004
-10	0.2489	0.5188	0.0001
-5	0.2487	0.5185	0.0004
0	0.2487	0.5184	0.0005
5	0.2486	0.5183	0.0006
10	0.2487	0.5184	0.0005
15	0.2488	0.5185	0.0004
20	0.2488	0.5185	0.0004