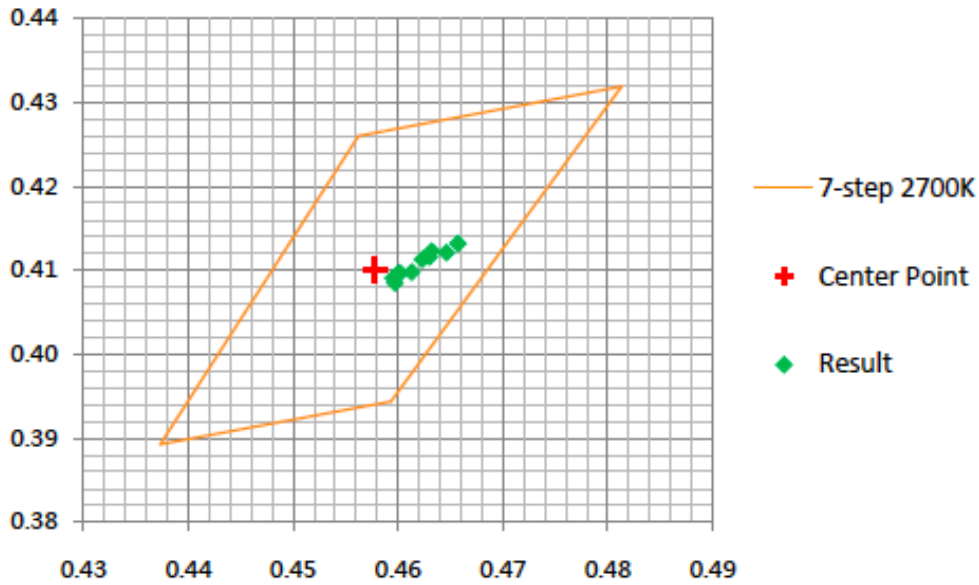


Company: RAB Lighting Inc.
 Model Name: PAR20-7-927-40D-DIM

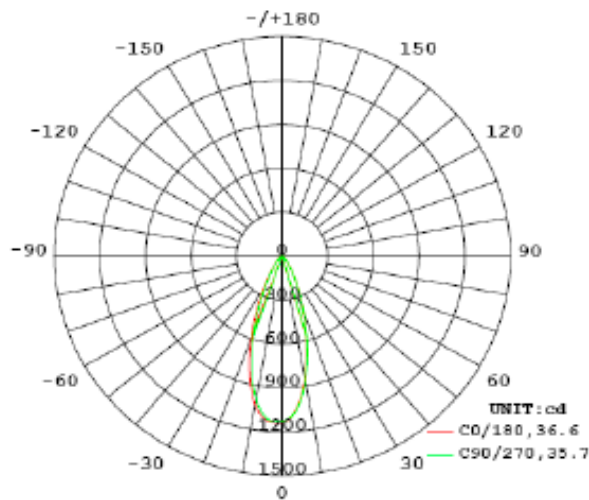
Initial Photometric and Electrical

Model Name	Voltage(V)	Current(A)	Power(W)	Power Factor	Luminous Flux(lm)	Efficacy(lm/W)	CCT(K)
PAR20-7-927-40D-DIM	120	0.05931	6.803	0.9556	575.13	84.53	2664
	Ra	R9	Rf	Rg	x	y	Duv
	91.9	59	90	100	0.463	0.4116	0.000115

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



Luminous Intensity Distribution Diagram



Model Name	Orientation	Beam Angle (Deg)	CBCP (cd)
PAR20-7-927-40D-DIM	VBU	36.2	1143

Zonal Lumen Density

Deg	Flux (lm)	%	Deg	Flux (lm)	%
0-5	26.6	4.62	0-95	574.7	99.84
0-10	99.0	17.20	0-100	574.7	99.84
0-15	196.1	34.07	0-105	574.7	99.84
0-20	293.8	51.05	0-110	574.7	99.84
0-25	376.0	65.33	0-115	574.7	99.84
0-30	437.2	75.96	0-120	574.7	99.84
0-35	479.2	83.26	0-125	574.7	99.85
0-40	506.8	88.05	0-130	574.7	99.85
0-45	525.0	91.21	0-135	574.8	99.86
0-50	537.7	93.42	0-140	574.8	99.87
0-55	547.2	95.07	0-145	574.9	99.88
0-60	554.8	96.39	0-150	575.1	99.91
0-65	560.9	97.45	0-155	575.2	99.93
0-70	565.8	98.29	0-160	575.3	99.95
0-75	569.5	98.94	0-165	575.5	99.98
0-80	572.2	99.41	0-170	575.5	99.99
0-85	573.9	99.71	0-175	575.6	100.00
0-90	574.6	99.83	0-180	575.6	100.00

θ \ ϕ	0°	90°	180°	270°
0.0°	1132.0	1132.0	1132.0	1132.0
5.0°	1127.9	1116.9	1050.2	1057.4
10.0°	1031.6	994.8	850.9	865.5
15.0°	828.4	776.3	614.6	624.1
20.0°	593.7	542.2	406.6	409.8
25.0°	389.6	346.3	250.2	248.1
30.0°	240.9	208.4	148.0	143.9
35.0°	142.5	121.5	88.9	82.8
40.0°	83.9	70.6	53.2	49.2
45.0°	52.3	42.5	34.1	31.6
50.0°	33.8	27.8	23.5	22.3
55.0°	23.5	19.8	17.0	17.0
60.0°	17.0	14.8	12.8	13.3
65.0°	12.8	11.2	9.8	10.3
70.0°	9.7	8.5	7.5	7.8
75.0°	7.2	6.3	5.5	5.7
80.0°	4.9	4.2	3.5	3.7
85.0°	2.8	2.4	1.5	1.8
90.0°	1.0	0.6	0.1	0.3
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°	0.1	0.1	0.0	0.0
135.0°	0.2	0.2	0.1	0.1
140.0°	0.3	0.3	0.1	0.1
145.0°	0.5	0.5	0.2	0.2
150.0°	0.7	0.7	0.3	0.2
155.0°	0.9	0.9	0.3	0.3
160.0°	1.1	1.0	0.4	0.4
165.0°	1.1	1.0	0.4	0.4
170.0°	1.0	0.9	0.4	0.4
175.0°	0.8	0.8	0.5	0.5
180.0°	0.7	0.6	0.7	0.6

Average Weighted
u':0.2633 v': 0.5284

γ C0-180	u'	v'	Du'v'
-20	0.2634	0.5287	0.0003
-15	0.2632	0.5287	0.0003
-10	0.2631	0.5284	0.0002
-5	0.2631	0.5283	0.0002
0	0.2631	0.5282	0.0003
5	0.2630	0.5282	0.0004
10	0.2632	0.5282	0.0002
15	0.2633	0.5283	0.0001
20	0.2632	0.5283	0.0001

γ C90-270	u'	v'	Du'v'
-20	0.2643	0.5290	0.0012
-15	0.2640	0.5289	0.0009
-10	0.2636	0.5287	0.0004
-5	0.2631	0.5283	0.0002
0	0.2631	0.5282	0.0003
5	0.2628	0.5280	0.0006
10	0.2628	0.5281	0.0006
15	0.2629	0.5282	0.0004
20	0.2633	0.5282	0.0002