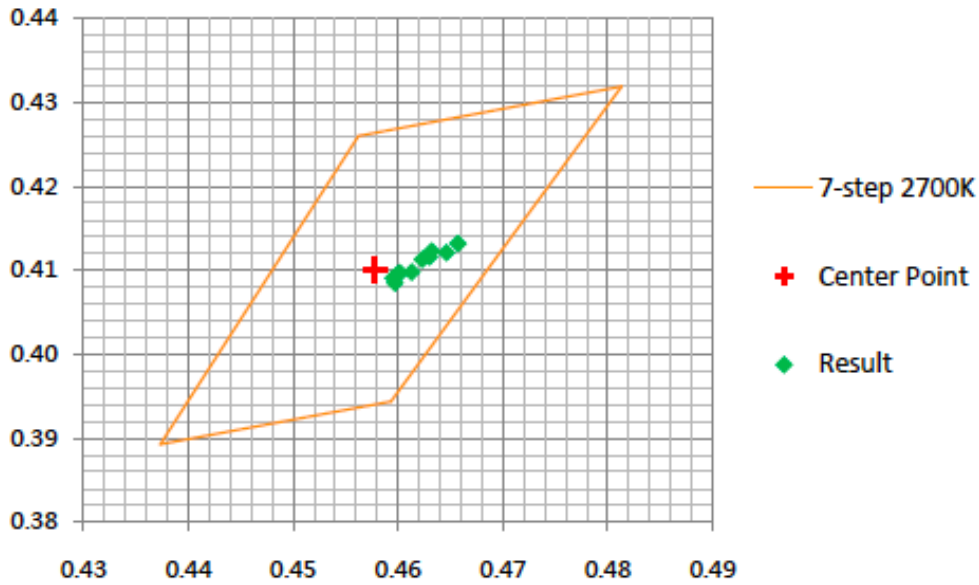


Company: RAB Lighting Inc.
 Model Name: PAR20-7-927-25D-DIM

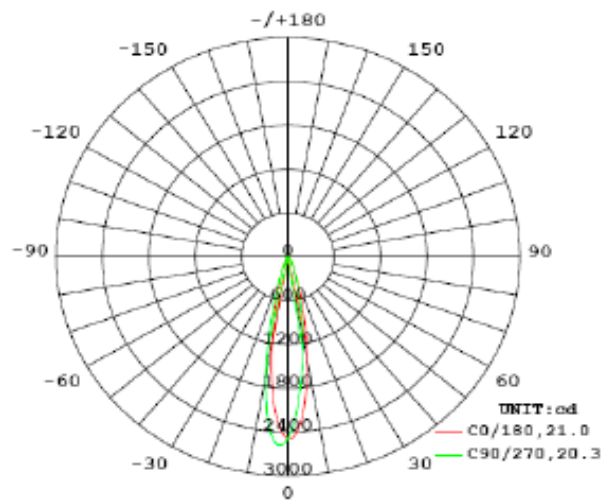
Initial Photometric and Electrical

Model Name	Voltage(V)	Current(A)	Power(W)	Power Factor	Luminous Flux(lm)	Efficacy(lm/W)	CCT(K)
PAR20-7-927-25D-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)
PAR20-7-927-25D-DIM	VBU	20.7	2584

Zonal Lumen Density

Deg	Flux (lm)	%	Deg	Flux (lm)	%
0-5	55.1	9.74	0-95	565.4	99.94
0-10	177.0	31.28	0-100	565.5	99.96
0-15	290.6	51.37	0-105	565.6	99.97
0-20	365.0	64.51	0-110	565.6	99.98
0-25	410.3	72.54	0-115	565.7	99.99
0-30	442.3	78.18	0-120	565.7	100.00
0-35	467.6	82.65	0-125	565.7	100.00
0-40	488.6	86.36	0-130	565.7	100.00
0-45	505.9	89.43	0-135	565.7	100.00
0-50	520.2	91.96	0-140	565.7	100.00
0-55	531.9	94.02	0-145	565.7	100.00
0-60	541.3	95.69	0-150	565.7	100.00
0-65	548.9	97.02	0-155	565.7	100.00
0-70	554.8	98.07	0-160	565.7	100.00
0-75	559.3	98.86	0-165	565.7	100.00
0-80	562.4	99.41	0-170	565.7	100.00
0-85	564.2	99.74	0-175	565.7	100.00
0-90	565.1	99.88	0-180	565.7	100.00

θ	0°	90°	180°	270°
0.0°	2494.0	2494.0	2494.0	2494.0
5.0°	2050.7	2453.5	2178.8	1821.4
10.0°	1211.8	1651.9	1417.7	1082.2
15.0°	574.6	759.8	758.9	568.6
20.0°	250.6	287.2	360.9	305.2
25.0°	134.3	129.2	186.3	186.0
30.0°	88.9	80.9	112.8	127.4
35.0°	65.3	59.5	77.6	90.7
40.0°	49.1	45.9	56.0	65.2
45.0°	36.4	35.8	41.9	47.6
50.0°	28.0	28.4	31.8	35.4
55.0°	21.1	21.2	24.3	26.5
60.0°	16.2	16.2	18.8	20.1
65.0°	12.5	12.7	14.3	14.7
70.0°	9.4	9.9	10.6	10.5
75.0°	6.6	7.4	7.5	7.0
80.0°	4.1	5.1	4.8	4.2
85.0°	2.0	3.1	2.6	1.8
90.0°	0.6	1.3	0.9	0.9
95.0°	0.3	0.0	0.3	0.6
100.0°	0.1	0.0	0.1	0.5
105.0°	0.1	0.0	0.0	0.4
110.0°	0.0	0.0	0.0	0.4
115.0°	0.0	0.0	0.0	0.3
120.0°	0.0	0.0	0.0	0.1
125.0°	0.0	0.0	0.0	0.1
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': 0.2634 v':0.5305

γ_{C0-180}	u'	v'	Du'v'
-15	0.2650	0.5307	0.0016
-10	0.2631	0.5304	0.0003
-5	0.2622	0.5303	0.0012
0	0.2617	0.5303	0.0017
5	0.2624	0.5304	0.0010
10	0.2633	0.5306	0.0001
15	0.2635	0.5303	0.0002

$\gamma_{C90-270}$	u'	v'	Du'v'
-15	0.2640	0.5301	0.0007
-10	0.2629	0.5300	0.0007
-5	0.2622	0.5302	0.0012
0	0.2617	0.5303	0.0017
5	0.2625	0.5304	0.0009
10	0.2640	0.5308	0.0007
15	0.2661	0.5314	0.0028