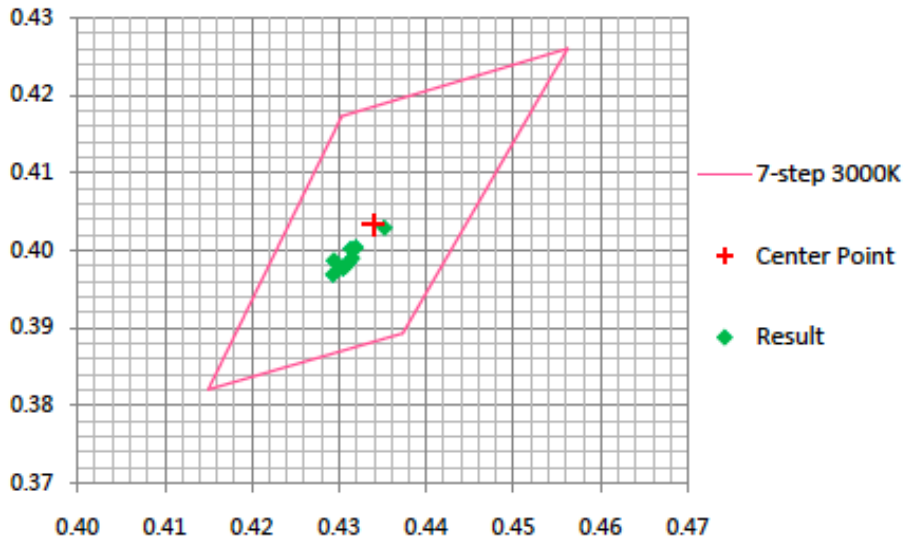


Company: RAB Lighting Inc.
 Model Name: PAR20-7-930-25D-DIM

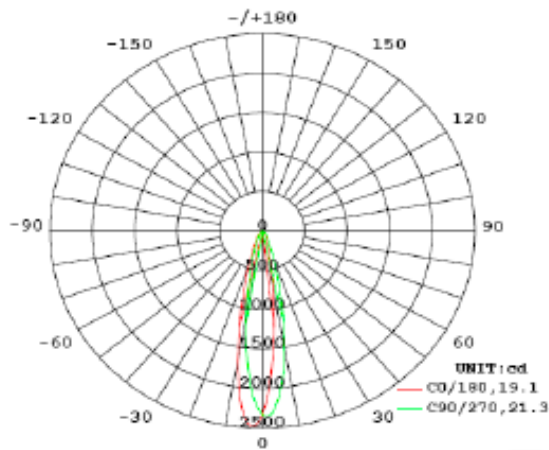
Initial Photometric and Electrical

Model Name	Voltage(V)	Current(A)	Power(W)	Power Factor	Luminous Flux(lm)	Efficacy(lm/W)	CCT(K)
PAR20-7-930-25D-DIM	120	0.05947	6.789	0.9509	579.97	85.43	3057
	Ra	R9	Rf	Rg	x	y	Duv
	93.9	71	90	99	0.4319	0.4004	-0.000772

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



Luminous Intensity Distribution Diagram



Model Name	Orientation	Beam Angle (Deg)	CBCP (cd)
PAR20-7-930-25D-DIM	VBU	202	2545

Zonal Lumen Density

Deg	Flux (lm)	%	Deg	Flux (lm)	%
0-5	51.1	8.77	0-95	582.9	100.00
0-10	163.6	28.07	0-100	582.9	100.00
0-15	272.1	46.69	0-105	582.9	100.00
0-20	350.0	60.05	0-110	582.9	100.00
0-25	401.7	68.92	0-115	582.9	100.00
0-30	439.0	75.32	0-120	582.9	100.00
0-35	468.8	80.42	0-125	582.9	100.00
0-40	493.4	84.64	0-130	582.9	100.00
0-45	513.7	88.14	0-135	582.9	100.00
0-50	530.5	91.01	0-140	582.9	100.00
0-55	544.2	93.37	0-145	582.9	100.00
0-60	555.4	95.28	0-150	582.9	100.00
0-65	564.4	96.82	0-155	582.9	100.00
0-70	571.4	98.02	0-160	582.9	100.00
0-75	576.5	98.91	0-165	582.9	100.00
0-80	580.0	99.50	0-170	582.9	100.00
0-85	581.9	99.83	0-175	582.9	100.00
0-90	582.7	99.97	0-180	582.9	100.00

Φ θ	0°	90°	180°	270°
0.0°	2331.0	2331.0	2331.0	2331.0
5.0°	2384.4	1824.9	1492.6	2149.3
10.0°	1655.6	1068.0	742.3	1478.9
15.0°	910.7	549.1	342.4	816.6
20.0°	455.8	272.6	180.8	413.8
25.0°	229.8	155.7	117.3	224.6
30.0°	144.2	104.3	85.4	141.3
35.0°	102.6	75.2	65.0	97.2
40.0°	78.5	58.0	49.2	71.4
45.0°	57.0	42.5	37.7	52.7
50.0°	42.5	32.7	28.7	39.7
55.0°	32.2	25.1	22.2	30.1
60.0°	24.4	19.3	17.2	23.1
65.0°	18.7	14.6	13.1	17.5
70.0°	13.9	10.6	9.3	13.0
75.0°	9.8	7.1	6.1	9.0
80.0°	6.3	4.2	3.4	5.8
85.0°	3.4	1.8	1.3	3.1
90.0°	1.2	0.3	0.1	1.0
95.0°	0.1	0.0	0.0	0.1
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': 0.5211

$\gamma \setminus C0-180$	u'	v'	Du'v'
-15	0.2493	0.5214	0.0004
-10	0.2487	0.5211	0.0003
-5	0.2480	0.5210	0.0010
0	0.2483	0.5211	0.0007
5	0.2494	0.5213	0.0004
10	0.2505	0.5217	0.0016
15	0.2505	0.5215	0.0016

$\gamma \setminus C90-270$	u'	v'	Du'v'
-15	0.2495	0.5210	0.0005
-10	0.2490	0.5208	0.0003
-5	0.2488	0.5209	0.0004
0	0.2483	0.5211	0.0007
5	0.2485	0.5209	0.0005
10	0.2489	0.5209	0.0002
15	0.2492	0.5208	0.0004