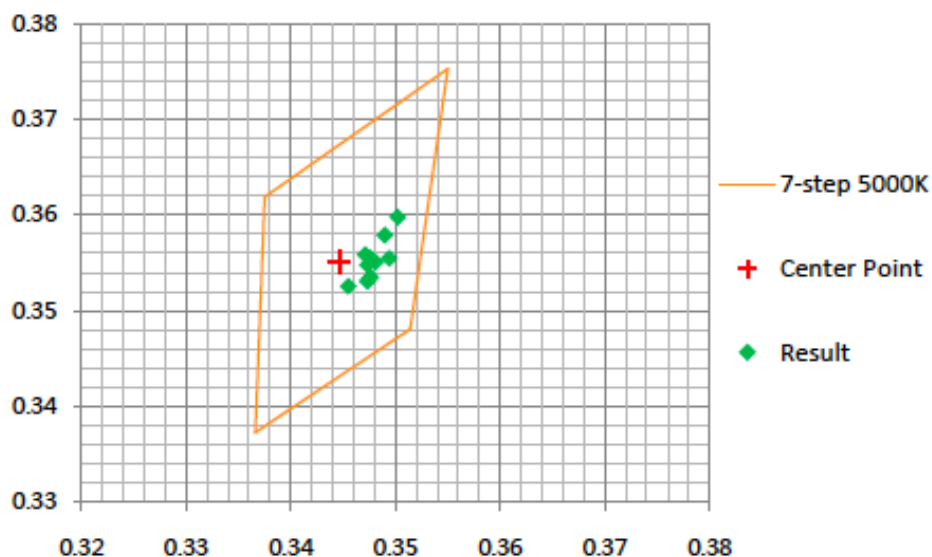


Company: RAB Lighting Inc.
Model Name: PAR20-7-950-25D-DIM

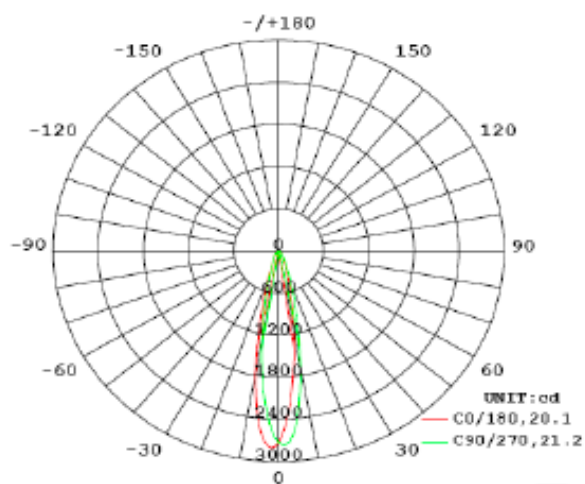
Initial Photometric and Electrical

Model Name	Voltage(V)	Current(A)	Power(W)	Power Factor	Luminous Flux(lm)	Efficacy(lm/W)	CCT(K)
PAR20-7-950-25D-DIM	120	0.05979	6.828	0.9512	642.48	94.1	4853
	Ra	R9	Rf	Rg	x	y	Duv
	94.2	80	90	99	0.3494	0.3555	0.000219

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



Luminous Intensity Distribution Diagram



Model Name	Orientation	Beam Angle (Deg)	CBCP (cd)
PAR20-7-950-25D-DIM	VBU	20.6	2849

Zonal Lumen Density

Deg	Flux (lm)	%	Deg	Flux (lm)	%
0-5	60.3	9.34	0-95	645.5	100.00
0-10	193.7	30.00	0-100	645.5	100.00
0-15	320.3	49.61	0-105	645.5	100.00
0-20	408.1	63.22	0-110	645.5	100.00
0-25	464.8	72.00	0-115	645.5	100.00
0-30	504.8	78.19	0-120	645.5	100.00
0-35	536.1	83.04	0-125	645.5	100.00
0-40	561.6	87.00	0-130	645.5	100.00
0-45	582.3	90.20	0-135	645.5	100.00
0-50	598.7	92.75	0-140	645.5	100.00
0-55	611.8	94.77	0-145	645.5	100.00
0-60	622.1	96.36	0-150	645.5	100.00
0-65	630.1	97.61	0-155	645.5	100.00
0-70	636.2	98.55	0-160	645.5	100.00
0-75	640.5	99.22	0-165	645.5	100.00
0-80	643.4	99.66	0-170	645.5	100.00
0-85	644.9	99.90	0-175	645.5	100.00
0-90	645.5	99.99	0-180	645.5	100.00

Φ θ	0°	90°	180°	270°
0.0°	2727.4	2727.4	2727.4	2727.4
5.0°	2629.8	2150.3	1979.5	2528.5
10.0°	1765.5	1304.2	1142.2	1666.2
15.0°	885.6	675.6	577.5	876.5
20.0°	407.7	340.2	297.6	429.4
25.0°	204.0	188.5	176.3	226.0
30.0°	123.7	122.0	118.7	142.5
35.0°	86.9	86.9	85.6	98.7
40.0°	63.6	63.6	62.2	71.6
45.0°	45.9	46.0	44.8	51.9
50.0°	34.2	33.9	32.7	38.1
55.0°	25.2	24.9	24.3	28.5
60.0°	18.8	18.5	18.0	21.2
65.0°	14.2	13.7	13.0	15.6
70.0°	10.5	9.7	8.9	11.2
75.0°	7.3	6.4	5.6	7.5
80.0°	4.6	3.6	3.0	4.5
85.0°	2.4	1.5	1.1	2.2
90.0°	0.8	0.2	0.1	0.5
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	0.1	0.0	0.0
175.0°	0.0	0.1	0.0	0.0
180.0°	0.0	0.0	0.0	0.0

Average Weighted
 u' : 0.2121 v' : 0.4871

$\gamma C0-180$	u'	v'	$Du'v'$
-15	0.2133	0.4893	0.0025
-10	0.2126	0.4874	0.0006
-5	0.2121	0.4867	0.0004
0	0.2114	0.4857	0.0016
5	0.2115	0.4859	0.0013
10	0.2121	0.4870	0.0001
15	0.2129	0.4893	0.0023

$\gamma C90-270$	u'	v'	$Du'v'$
-15	0.2122	0.4873	0.0002
-10	0.2116	0.4858	0.0014
-5	0.2114	0.4854	0.0018
0	0.2114	0.4857	0.0016
5	0.2118	0.4865	0.0007
10	0.2117	0.4867	0.0006
15	0.2124	0.4885	0.0014