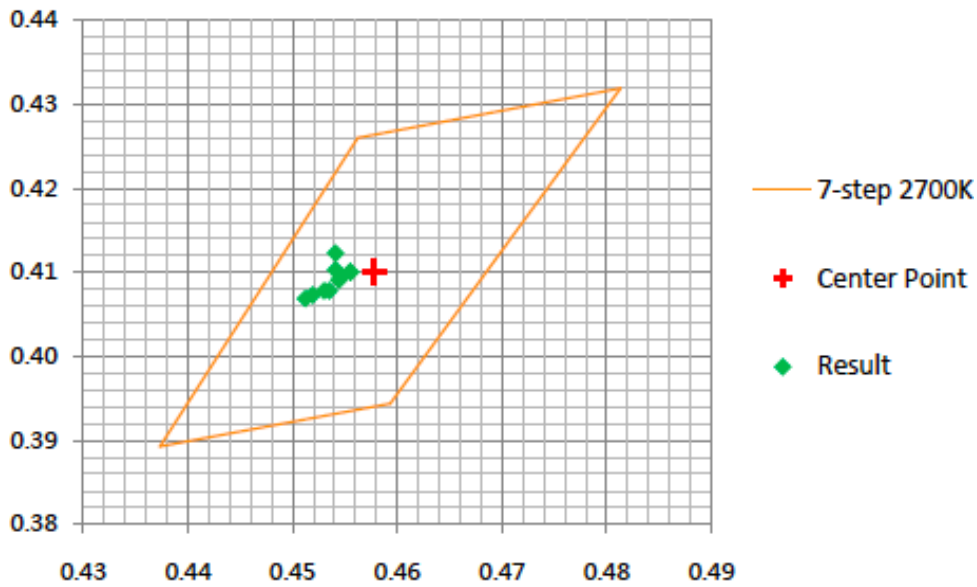


Company: RAB Lighting Inc.
 Model Name: PAR38-12-927-25D-DIM

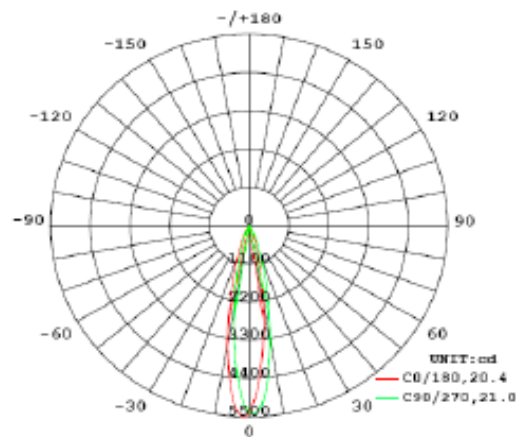
Initial Photometric and Electrical

Model Name	Voltage(V)	Current(A)	Power(W)	Power Factor	Luminous Flux(lm)	Efficacy(lm/W)	CCT(K)
PAR38-12-927-25D-DIM	120	0.1015	11.23	0.9216	1118.5	99.61	2796
	Ra	R9	Rf	Rg	x	y	Duv
	92.5	57	91	100	0.4512	0.4069	-0.000579

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



Luminous Intensity Distribution Diagram



Model Name	Orientation	Beam Angle (Deg)	CBCP (cd)
PAR38-12-927-25D-DIM	VBU	20.7	5570

Zonal Lumen Density

Deg	Flux (lm)	%	Deg	Flux (lm)	%
0-5	117.9	11.28	0-95	1045.3	100.00
0-10	377.0	36.07	0-100	1045.3	100.00
0-15	624.6	59.75	0-105	1045.3	100.00
0-20	792.9	75.85	0-110	1045.3	100.00
0-25	892.8	85.41	0-115	1045.3	100.00
0-30	947.7	90.66	0-120	1045.3	100.00
0-35	976.7	93.44	0-125	1045.3	100.00
0-40	993.8	95.07	0-130	1045.3	100.00
0-45	1005.1	96.15	0-135	1045.3	100.00
0-50	1013.4	96.95	0-140	1045.3	100.00
0-55	1020.2	97.60	0-145	1045.3	100.00
0-60	1026.4	98.19	0-150	1045.3	100.00
0-65	1032.1	98.74	0-155	1045.3	100.00
0-70	1037.0	99.21	0-160	1045.3	100.00
0-75	1040.9	99.58	0-165	1045.3	100.00
0-80	1043.5	99.83	0-170	1045.3	100.00
0-85	1044.9	99.96	0-175	1045.3	100.00
0-90	1045.3	100.00	0-180	1045.3	100.00

Φ θ	0°	90°	180°	270°
0.0°	5373.8	5373.8	5373.8	5373.8
5.0°	5062.4	4107.7	3969.3	4921.2
10.0°	3444.1	2368.5	2227.8	3375.0
15.0°	1884.1	1137.0	1064.2	1877.9
20.0°	897.6	514.1	472.7	906.5
25.0°	424.8	226.0	207.1	418.8
30.0°	186.6	102.6	91.0	189.5
35.0°	86.7	52.3	48.5	85.9
40.0°	47.2	30.6	29.9	45.7
45.0°	28.4	21.1	20.4	27.7
50.0°	19.5	16.1	15.7	19.1
55.0°	15.1	13.6	13.3	14.9
60.0°	13.0	12.2	11.9	12.8
65.0°	11.6	10.5	10.0	11.1
70.0°	9.6	8.1	7.6	9.1
75.0°	7.1	5.5	5.2	6.7
80.0°	4.5	3.0	2.8	4.2
85.0°	2.1	1.0	0.9	1.9
90.0°	0.4	0.0	0.0	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°	0.0	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	0.1	0.0	0.0
170.0°	0.1	0.1	0.0	0.0
175.0°	0.1	0.1	0.0	0.0
180.0°	0.0	0.0	0.0	0.0

Average Weighted
 $u': 0.2582$ $v': 0.5229$

$\gamma C0-180$	u'	v'	$Du'v'$
-15	0.2577	0.5229	0.0005
-10	0.2578	0.5231	0.0004
-5	0.2574	0.5232	0.0009
0	0.2573	0.5231	0.0009
5	0.2581	0.5229	0.0001
10	0.2585	0.5225	0.0005
15	0.2601	0.5225	0.0019

$\gamma C90-270$	u'	v'	$Du'v'$
-15	0.2577	0.5222	0.0009
-10	0.2579	0.5229	0.0003
-5	0.2578	0.5231	0.0004
0	0.2573	0.5231	0.0009
5	0.2581	0.5232	0.0003
10	0.2586	0.5230	0.0004
15	0.2601	0.5232	0.0019