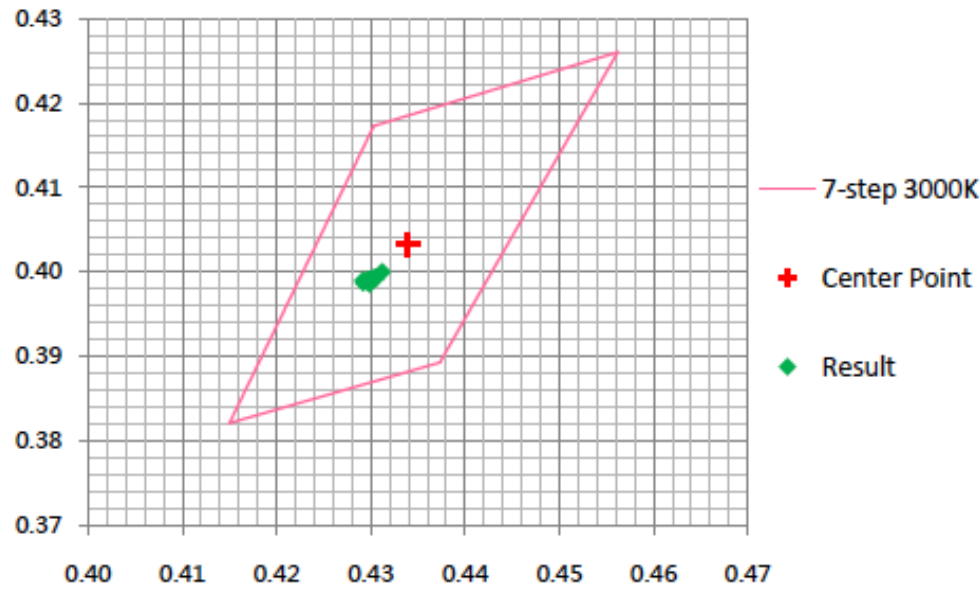


Company: RAB Lighting Inc.
Model Name: PAR38-26-930-25D-ND

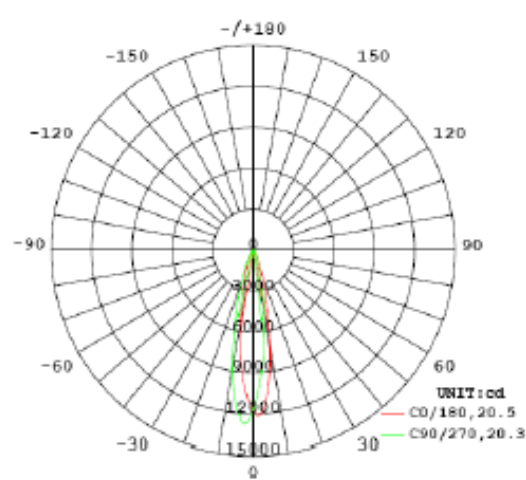
Initial Photometric and Electrical

Model Name	Voltage(V)	Current(A)	Power(W)	Power Factor	Luminous Flux(lm)	Efficacy(lm/W)	CCT(K)
PAR38-26-930-25D-ND	120	0.2177	25.99	0.9948	2626.1	101.03	3066
	Ra	R9	Rf	Rg	x	y	Duv
	93.8	62	91	99	0.4312	0.4	-0.000821

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



Luminous Intensity Distribution Diagram



Model Name	Orientation	Beam Angle (Deg)	CBCP (cd)
PAR38-26-930-25D-ND	VBU	20.4	13025

Zonal Lumen Density

Deg	Flux (lm)	%	Deg	Flux (lm)	%
0-5	261.8	9.49	0-95	2753.1	99.82
0-10	847.5	30.73	0-100	2753.1	99.82
0-15	1414.9	51.30	0-105	2753.2	99.82
0-20	1822.2	66.07	0-110	2753.2	99.82
0-25	2091.5	75.83	0-115	2753.2	99.82
0-30	2282.9	82.77	0-120	2753.2	99.82
0-35	2417.5	87.65	0-125	2753.3	99.82
0-40	2507.6	90.92	0-130	2753.3	99.82
0-45	2568.8	93.13	0-135	2753.5	99.83
0-50	2613.7	94.76	0-140	2753.7	99.84
0-55	2649.1	96.05	0-145	2754.2	99.86
0-60	2678.6	97.11	0-150	2755.0	99.88
0-65	2702.8	97.99	0-155	2755.9	99.92
0-70	2722.0	98.69	0-160	2756.8	99.95
0-75	2736.4	99.21	0-165	2757.5	99.97
0-80	2746.2	99.57	0-170	2757.9	99.99
0-85	2751.4	99.75	0-175	2758.1	100.00
0-90	2753.0	99.81	0-180	2758.2	100.00

θ \ Φ	0°	90°	180°	270°
0.0°	11723.2	11723.2	11723.2	11723.2
5.0°	11088.3	8220.7	9226.2	12128.2
10.0°	7273.3	4462.9	5430.0	8980.8
15.0°	3882.0	2079.2	2797.0	5142.5
20.0°	1828.9	1071.8	1408.1	2639.0
25.0°	1004.8	658.9	873.5	1344.7
30.0°	628.4	384.1	536.2	805.0
35.0°	375.9	225.0	314.9	480.9
40.0°	227.3	135.9	184.2	281.0
45.0°	142.9	97.8	118.9	167.2
50.0°	98.8	75.6	87.4	111.5
55.0°	78.9	59.6	68.6	85.6
60.0°	60.0	47.6	52.4	68.3
65.0°	45.8	36.7	40.8	52.1
70.0°	34.8	26.9	30.7	39.1
75.0°	24.8	17.6	20.7	28.8
80.0°	15.4	9.2	11.9	18.8
85.0°	7.3	1.7	3.8	10.0
90.0°	0.7	0.0	0.0	2.5
95.0°	0.0	0.0	0.0	0.0
100.0°	0.0	0.0	0.0	0.0
105.0°	0.0	0.1	0.0	0.0
110.0°	0.0	0.1	0.0	0.0
115.0°	0.1	0.1	0.1	0.0
120.0°	0.1	0.1	0.1	0.1
125.0°	0.1	0.2	0.1	0.1
130.0°	0.2	0.3	0.2	0.1
135.0°	0.5	0.7	0.4	0.3
140.0°	1.0	1.6	0.9	0.6
145.0°	2.2	3.2	1.5	1.1
150.0°	3.7	4.8	2.0	1.8
155.0°	5.0	5.8	2.3	2.5
160.0°	6.0	6.4	2.0	2.3
165.0°	6.0	5.8	1.7	1.9
170.0°	5.0	4.5	1.6	1.7
175.0°	3.8	3.2	1.8	1.7
180.0°	2.5	2.2	2.6	2.2

Average Weighted
 u' : 0.2473 v' :0.5200

$\gamma \backslash C0-180$	u'	v'	$Du'v'$
-15	0.2472	0.5198	0.0002
-10	0.2471	0.5202	0.0003
-5	0.2475	0.5207	0.0007
0	0.2477	0.5206	0.0007
5	0.2477	0.5206	0.0007
10	0.2467	0.5195	0.0008
15	0.2476	0.5193	0.0008

$\gamma \backslash C90-270$	u'	v'	$Du'v'$
-15	0.2462	0.5188	0.0016
-10	0.2472	0.5200	0.0001
-5	0.2472	0.5202	0.0002
0	0.2477	0.5206	0.0007
5	0.2477	0.5206	0.0007
10	0.2475	0.5200	0.0002
15	0.2490	0.5205	0.0018