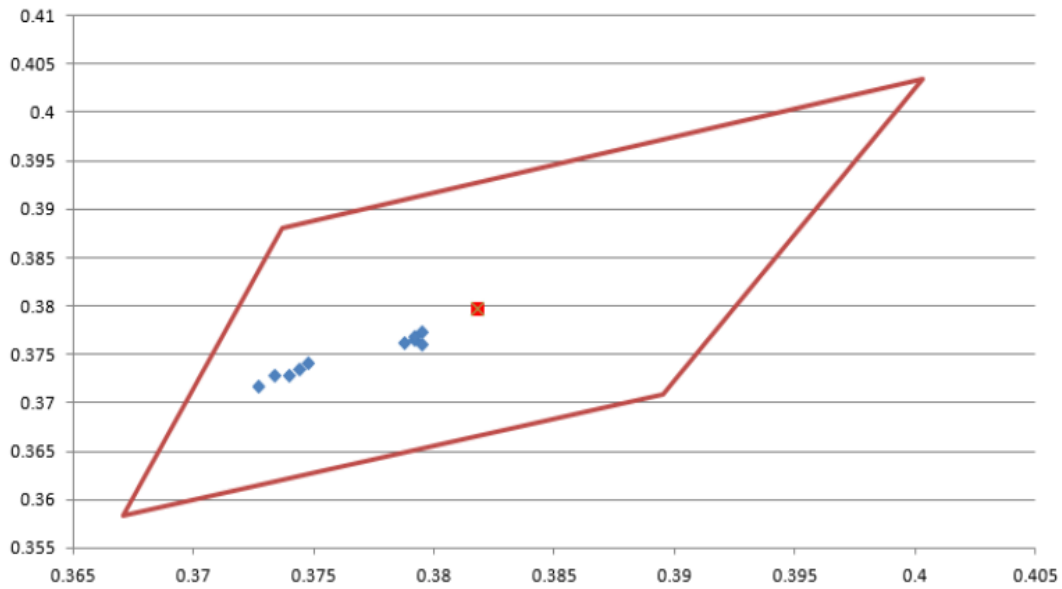


Company: RAB Lighting Inc.  
 Model Name: PAR16-6-827-40D-DIM

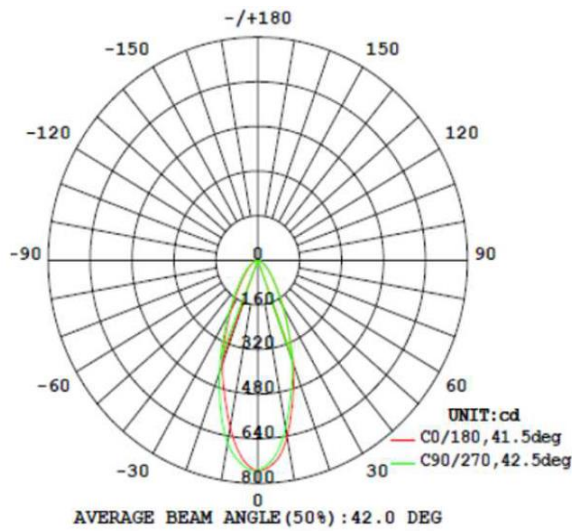
**Initial Photometric and Electrical**

Model Name	Voltage(V)	Current(A)	Power(W)	Power Factor	Luminous Flux(lm)	Efficacy(lm/W)	CCT(K)
PAR16-6-827-40D-DIM	120	0.05774	5.88	0.8486	572.96	97.46	2696
	Ra	R9	Rf	Rg	x	y	Duv
	84.2	13	83	92	0.3806	0.3773	0.0002

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



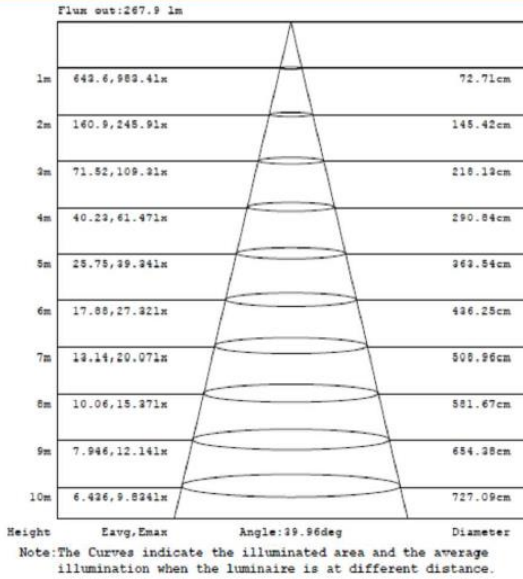
**Luminous Intensity Distribution Diagram**



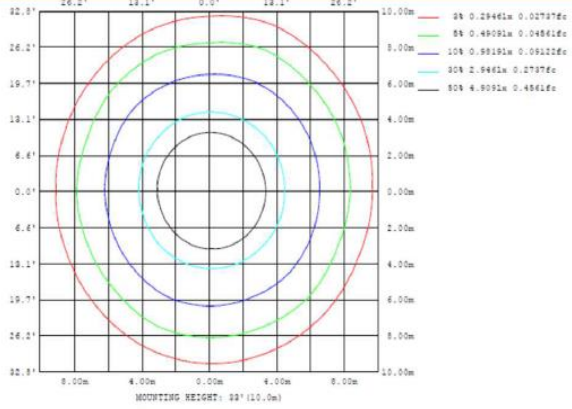
Model Name	Orientation	Beam Angle (Deg)	CBCP (cd)
PAR16-6-827-40D-DIM	VBU	40.3	977

**Zonal Lumen Density**

**ILLUMINANCE - CONE OF LIGHT**



**ISOILLUMINATION PLOT**



ZONE	LUMENS	% LUMINAIRE
0-30	419.79	67.51
0-40	508.88	81.83
0-60	596.24	95.88
0-135	621.86	100.00
0-180	621.86	100.00

VERTICAL	HORIZONTAL				
	Angle	0	22.5	45	67.5
0	977	977	977	977	977
5	941	950	958	964	966
10	814	826	837	847	848
15	672	675	680	687	689
20	512	514	516	520	518
25	346	351	361	361	355
30	213	221	229	223	216
35	143	155	153	152	147
40	103	114	110	110	108
45	76	83	79	78	74
50	57	58	58	55	51
55	41	41	41	39	38
60	26	28	25	27	26
65	16	19	16	18	17
70	11	13	11	12	11
75	7	8	7	8	8
80	4	5	4	5	5
85	2	2	2	2	2
90	1	1	1	1	1