

## SPECIFICATION



36W-RGB-W-40



36W-RGB-B-40



36W-RGB-W-40-IP65



36W-RGB-B-40-IP65



<b>Power</b>	36 Watts
<b>Color Temperature</b>	RGB
<b>Total Luminous Flux</b>	At full 255/255/255: 2042 Lumens
<b>LED CRI</b>	RGB not applicable
<b>Beam Angle</b>	40D
<b>LED</b>	COB
<b>LM Rating</b>	LM-80
<b>Bulb Dimension</b>	3" x Ø 4 1/6"
<b>Certifications</b>	cULus E476753
<b>Compatible Driver</b>	DRV-D-200-Z4 DMX Power Driver (cULus E478463) DMX-SR2112 /DMX Driver, 12 channels, 200-350mA
<b>Power Supply</b>	PS-SR2112-96 /Power supply 96W (Only If Use DMX-SR2112)
<b>Working Temperature</b>	-30C to 60C
<b>IP Grade</b>	IP20 Standard (Special order IP65)
<b>Life Span</b>	50,000 Hours
<b>Warranty</b>	5 Year Limited Warranty

**36W LED FIXTURE**



**COLOR VARIATION TEST: 36W**

36 WATTS			COLOR VARIATION TESTS							
TEST No.	R/G/B/	REPORT #	X	Y	TRUE CCT	TARGET CCT	ANSI TOLERANCE CCT	LUMENS	WATTS	EFFICACY
1	255/097/000	L1604269	0.5563	0.4123	1774	1800		581	22.28	26.1
2	247/124/005	L1604267	0.5062	0.4179	2212	2200		649	23.62	27.5
3	222/138/013	L1604265	0.4508	0.4012	2756	2700	2725 ± 145	661	23.76	27.8
4	221/149/014	L1604264	0.4408	0.4103	2986	3000	3045 ± 175	680	24.33	27.9
5	255/204/018	L16042510	0.4181	0.4192	3457	3500	3465 ± 245	868	28.05	30.9
6	235/204/033	L1604255	0.3735	0.3805	4218	4000	3985 ± 275	838	28.16	29.8
7	230/205/040	L1604263	0.3597	0.3662	4550	4500	4503 ± 243	844	28.38	29.7
8	175/212/028	L1604259	0.3475	0.4126	5090	5000	5028 ± 283	790	26.24	30.1
9	228/199/063	L1604258	0.3291	0.313	5969	5700	5665 ± 510	850	29.1	29.2
10	187/187/056	L1604223	0.3143	0.318	6500	6500	6530 ± 510	753	26.62	28.3

**Colometric Reports 36W-40D /** Consult folder Colorimetric Reports

**Files:** L1603297-C1, L1604223-C1, L1604255-C1, L1604258-C1, L1604259-C1, L1604263-C1, L1604264-C1, L1604265-C1, L1604267-C1, L1604269-C1

**From 0%-100%, no Flicker as per industry standard**

Consult folder **Flicker Reports Files:** R1604251-R1

[www.colorbeamlighting.com](http://www.colorbeamlighting.com)

## 36W RGB 40 DEG Specifications

### PHOTOMETRIC 36W-40 DEGREES

Photometric Report: S1603301-R1

Prepared for: Colorbeam · Test Date: 30 March 2016

Floodlight: CBNA · Lumcat: CBNA 36W 40D

#### Downlight Beam

Distance (feet)	FootCandles at Edge Beam		FootCandles at Center Beam	Field Width	
	H	V		H	V
6.0ft	21.5 fc	21.3 fc	51.2 fc	4.2ft	4.4ft
8.0ft	12.1 fc	12.0 fc	28.8 fc	5.7ft	5.8ft
10.0ft	7.7 fc	7.7 fc	18.4 fc	7.1ft	7.3ft
12.0ft	5.4 fc	5.3 fc	12.8 fc	8.5ft	8.7ft
14.0ft	3.9 fc	3.9 fc	9.4 fc	9.9ft	10.2ft
16.0ft	3.0 fc	3.0 fc	7.2 fc	11.3ft	11.6ft
18.0ft	2.4 fc	2.4 fc	5.7 fc	12.7ft	13.1ft
20.0ft	1.9 fc	1.9 fc	4.6 fc	14.2ft	14.6ft

— Horizontal (39.0 °) — Vertical (40.0 °)

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## 36W RGB 40 DEG Specifications

### PHOTOMETRIC 36W-40 DEGREES

#### Photometric Report: S1603301-R1

Prepared for: Colorbeam · Test Date: 30 March 2016

Floodlight: CBNA · Lumcat: CBNA 36W 40D

#### Uplight Beam

Distance (feet)	FootCandles at Edge Beam		FootCandles at Center Beam	Field Width	
	H	V		H	V
20.0ft	1.9 fc	1.9 fc	4.6 fc	14.2ft	14.6ft
18.0ft	2.4 fc	2.4 fc	5.7 fc	12.7ft	13.1ft
16.0ft	3.0 fc	3.0 fc	7.2 fc	11.3ft	11.6ft
14.0ft	3.9 fc	3.9 fc	9.4 fc	9.9ft	10.2ft
12.0ft	5.4 fc	5.3 fc	12.8 fc	8.5ft	8.7ft
10.0ft	7.7 fc	7.7 fc	18.4 fc	7.1ft	7.3ft
8.0ft	12.1 fc	12.0 fc	28.8 fc	5.7ft	5.8ft
6.0ft	21.5 fc	21.3 fc	51.2 fc	4.2ft	4.4ft

— Horizontal (39.0°) — Vertical (40.0°)