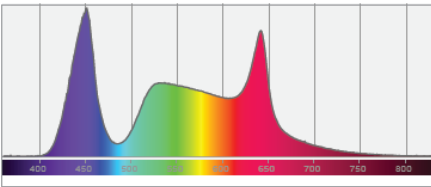
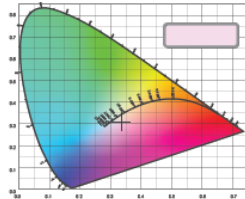


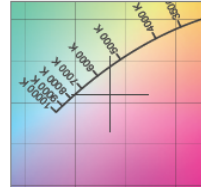
**Spectral distribution**



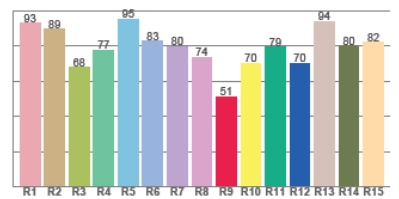
**Color coordinates**



**Zoom color point**



**CRI R values**



# Photometric Test Report

\*Due to additional product enhancements, an updated version of this report may be available online. Please check [www.adj.com](http://www.adj.com) for the latest revision/update of this report.

# Jolt 300



Light Efficiency:



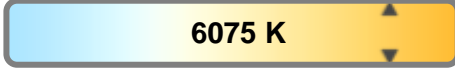
Output: 7200 lm

Light Quality:



Peak: 2448 cd

Color Temperature:



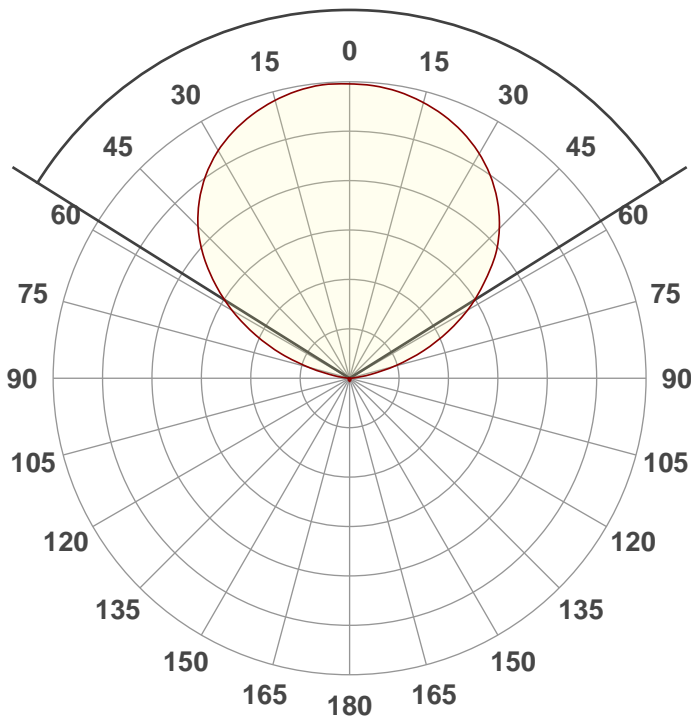
Power: 76.2 W

PF: 0.98



Beam Angle

# 115.9°



Test:

White

Date:

2/11/2020

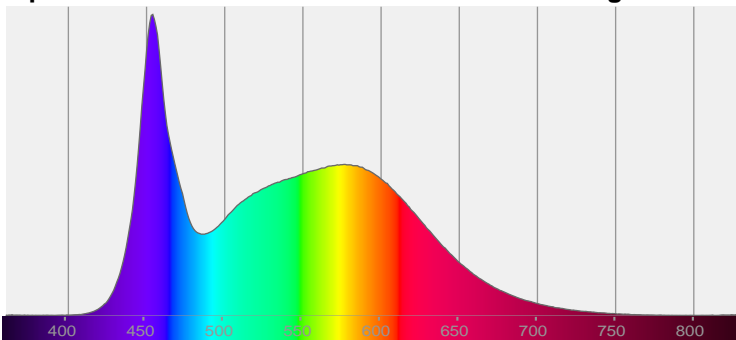
Note:



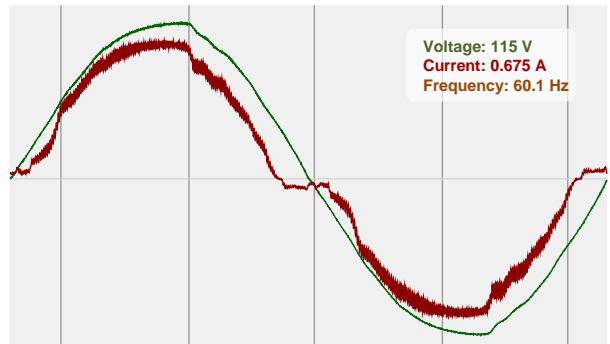
CIE 1931  
x: 0.320  
y: 0.335

Spectra

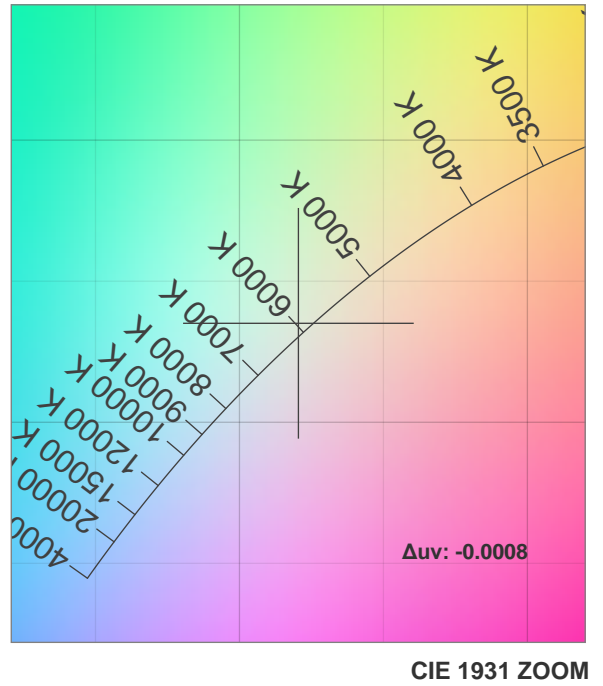
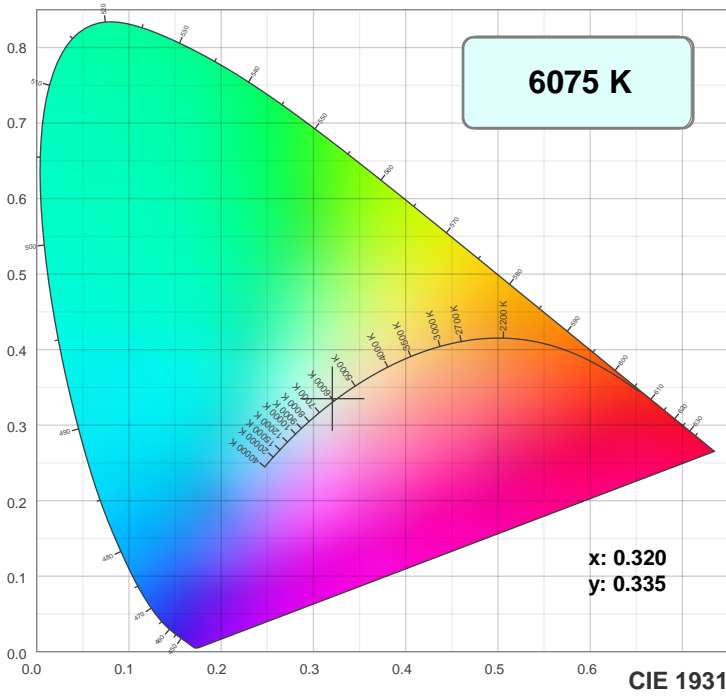
Dominant Wavelength: 580nm



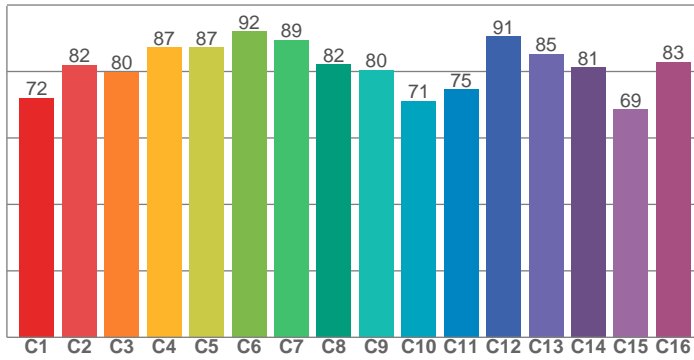
Power



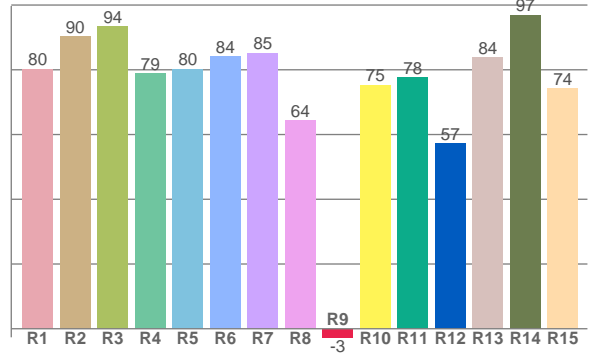
# Color Details



**TM30: 81.6**



**CRI: 82.1 (R1-R8)**



CRI R values, only R1-R8 are used to calculate final CRI value

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
80.3	90.3	93.5	78.8	80.3	84.1	85.2	64.4	-2.6	75.3	77.5	57.3	83.8	97.0	74.2

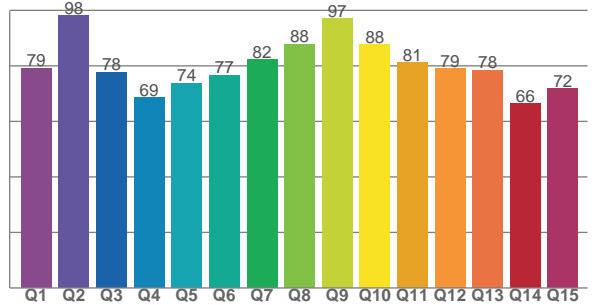
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
72.0	82.0	79.8	87.3	87.3	92.1	89.4	82.1	80.4	71.2	74.7	90.6	85.3	81.2	68.6	82.8

CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
79.2	98.0	77.7	68.6	73.8	76.7	82.2	87.8	97.1	87.5	81.1	79.0	78.4	66.4	71.8

**CQS: 78.4**



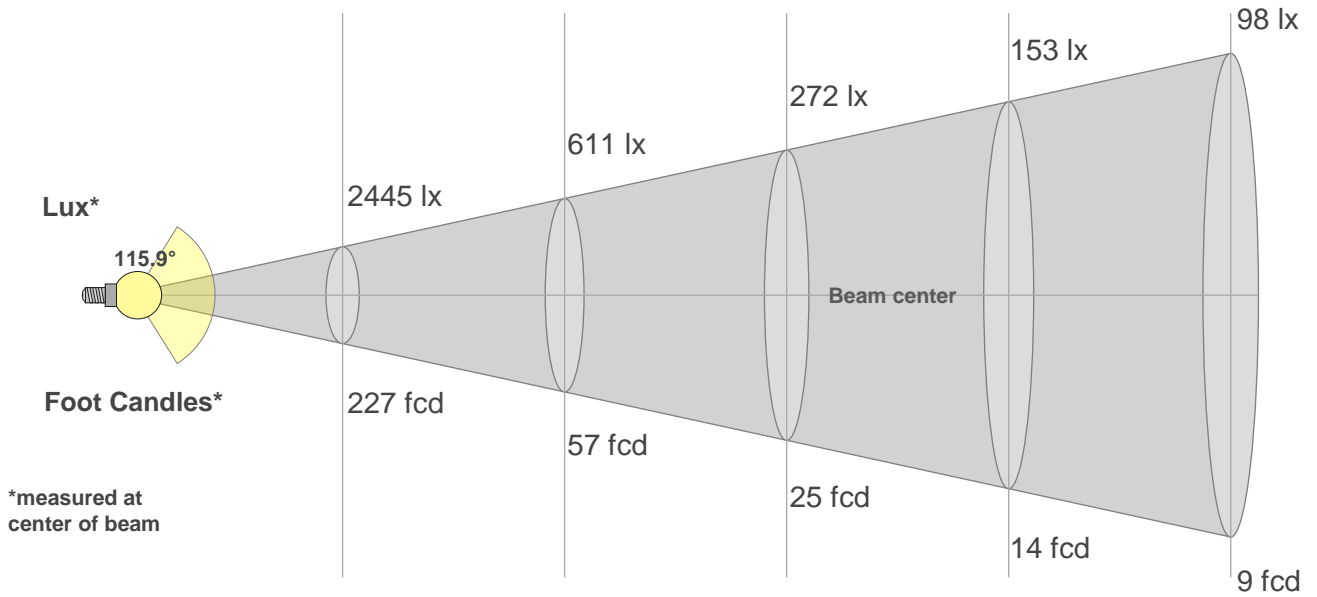
## Color Parameters

Color Temperature	Color Rendering Index	Red Component	Color Fidelity	Color Gamut	Color Quality Scale	Color Coordinate CIE 1931	Color Coordinate CIE 1931	Color Coordinate	Color Coordinate	Color Deviation from Black Body
CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	x	y	u	v	$\Delta uv$
6075 K	82.1	-2.6	81.6	92.1	78.4	0.320	0.335	0.201	0.315	-0.0008

# Beam Details

Distance (meter)  
Distance (feet)

1 2 3 4 5  
3.3 6.6 9.8 13.1 16.4



Beam Width (meter)  
Beam Width (feet)

3.2 6.4 9.6 12.8 16  
10.5 21.1 31.3 41.8 52.4

## Beam Intensities from 1-20m

m	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
ft	3.3	6.6	9.8	13.1	16.4	19.7	23	26.2	29.5	32.8	36.1	39.4	42.7	45.9	49.2	52.5	55.8	59.1	62.3	65.6
lx	2445	611	272	153	98	68	50	38	30	24	20	17	14	12	11	10	8	8	7	6
fcd	227.2	56.8	25.2	14.2	9.1	6.3	4.6	3.5	2.8	2.3	1.9	1.6	1.3	1.2	1	0.9	0.8	0.7	0.6	0.6

## Intensities in 0° C-plane

0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°	55°	60°	65°	70°	75°	80°	85°	90°	95°
2445	2448	2428	2390	2337	2269	2183	2074	1939	1780	1585	1362	1127	875	619	357	147	29	4	3
100%	100%	99%	98%	96%	93%	89%	85%	79%	73%	65%	56%	46%	36%	25%	15%	6%	1%	0%	0%

## Intensities in 90° C-plane

0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°	55°	60°	65°	70°	75°	80°	85°	90°	95°
2445	2448	2428	2390	2337	2269	2183	2074	1939	1780	1585	1362	1127	875	619	357	147	29	4	3
100%	100%	99%	98%	96%	93%	89%	85%	79%	73%	65%	56%	46%	36%	25%	15%	6%	1%	0%	0%

## Intensities in 180° C-plane

0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°	55°	60°	65°	70°	75°	80°	85°	90°	95°
2445	2437	2412	2370	2315	2244	2154	2044	1912	1758	1576	1354	1131	885	635	385	170	38	3	3
100%	100%	99%	97%	95%	92%	88%	84%	78%	72%	64%	55%	46%	36%	26%	16%	7%	2%	0%	0%

## Intensities in 270° C-plane

0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°	55°	60°	65°	70°	75°	80°	85°	90°	95°
2445	2437	2412	2370	2315	2244	2154	2044	1912	1758	1576	1354	1131	885	635	385	170	38	3	3
100%	100%	99%	97%	95%	92%	88%	84%	78%	72%	64%	55%	46%	36%	26%	16%	7%	2%	0%	0%

Beam Angle 50%	Field Angle 10%	Cutoff Angle 2,5%	Intensity Ratio in 120° Cone	Intensity Ratio in 90° Cone
115.9°	155.8°	167.4°	80.6%	54.4%