

# 7P Hex IP



Light Efficiency:

28 Lumen/Watt

Light Quality:

CRI: -28.2

Color Temperature:

1618 K

Output: 260 lm

Peak: 1177 cd

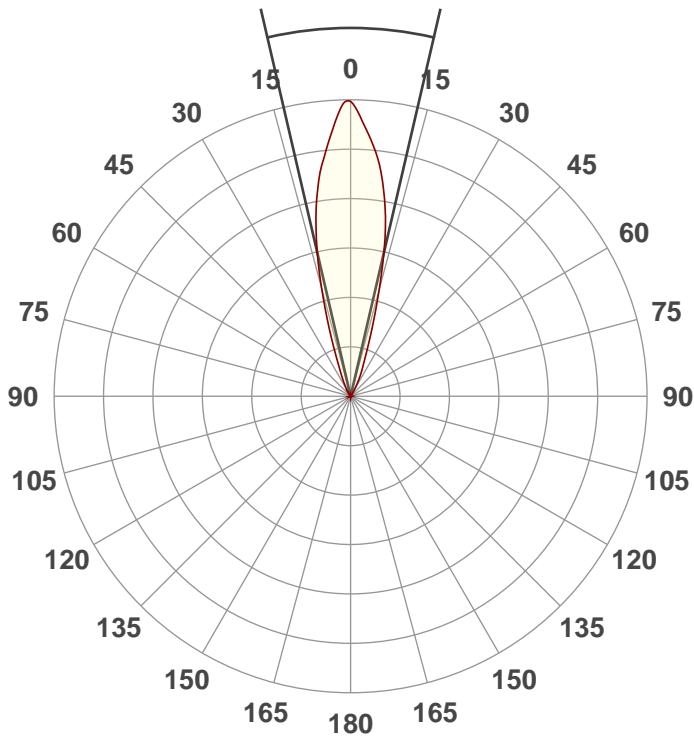
Power: 9.2 W

PF: 0.93



Beam Angle

26.1°



Test:

Amber

Date:

6/20/2018

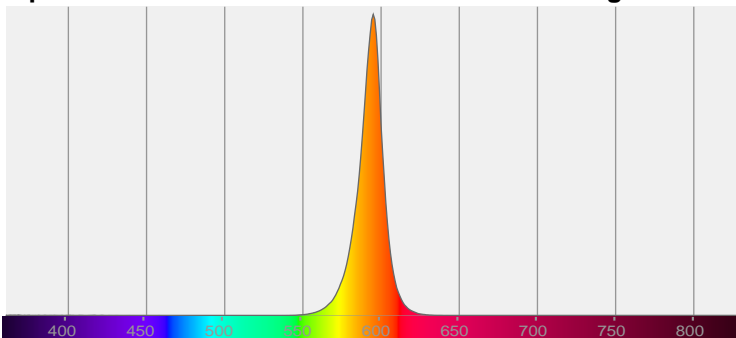
Note:



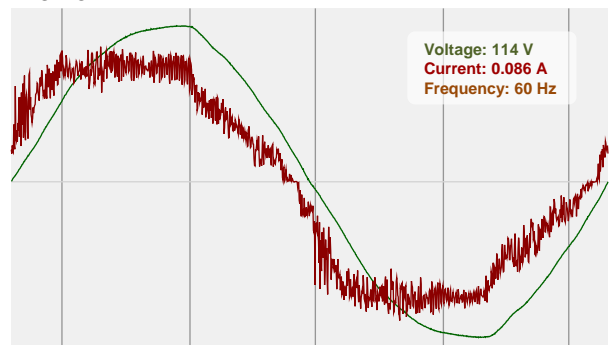
CIE 1931  
x: 0.584  
y: 0.415

Spectra

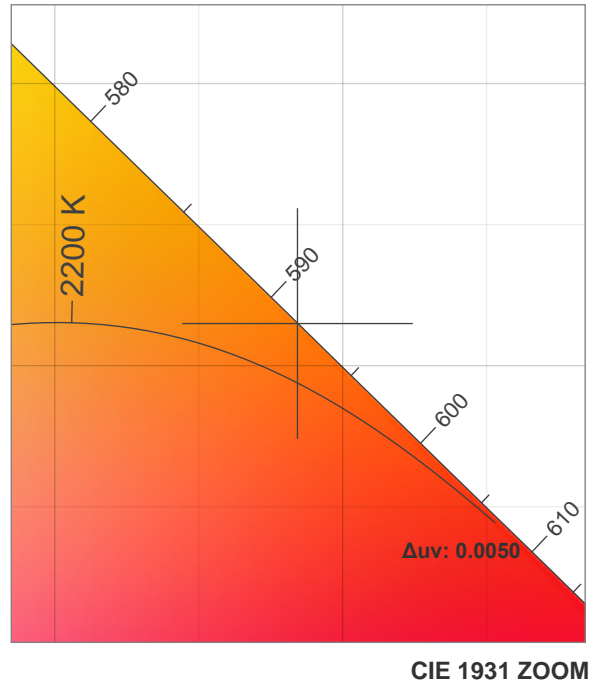
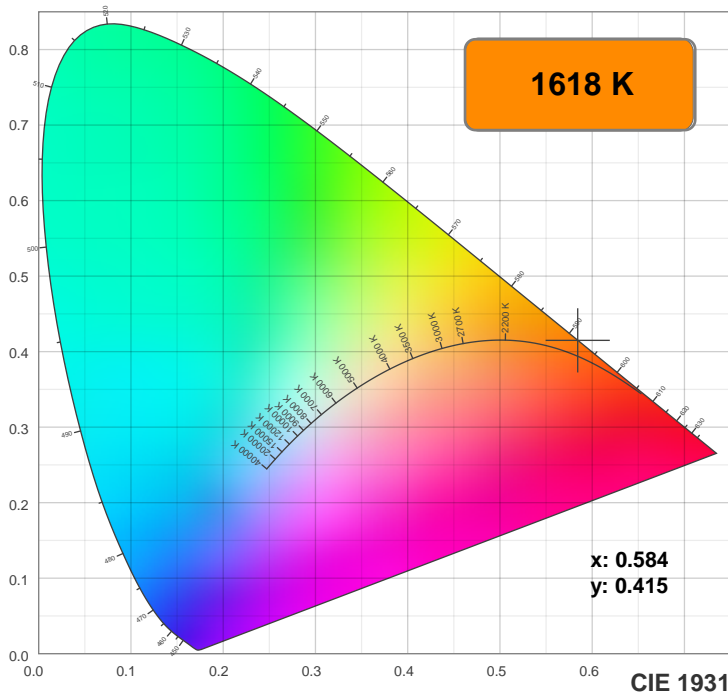
Dominant Wavelength: 592nm



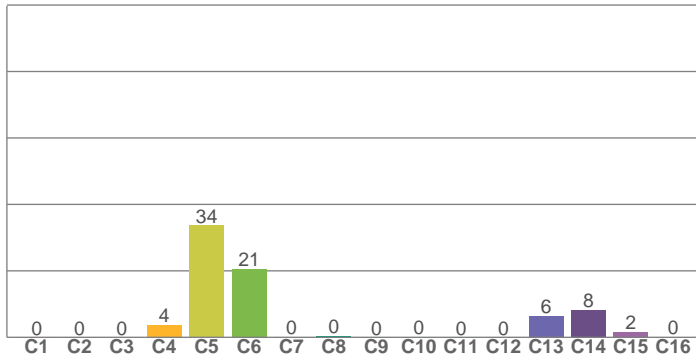
Power



## Color Details



TM30: 0.2



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
-43.7	48.4	14.1	-77.1	-50.3	34.8	-10.1	-142.0	-415.3	23.6	-107.5	-21.1	-23.4	43.2	-76.1

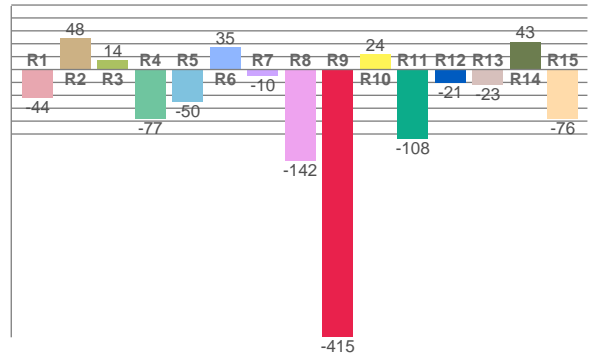
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
0.0	0.0	0.0	3.7	33.6	20.5	0.0	0.4	0.0	0.1	0.0	0.0	6.5	8.3	1.6	0.2

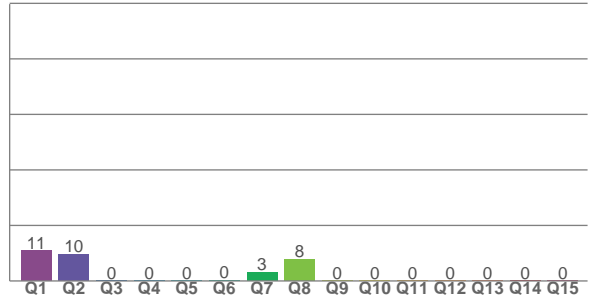
CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
10.9	9.6	0.0	0.0	0.1	0.3	3.2	7.9	0.0	0.0	0.0	0.0	0.0	0.0	0.1

CRI: -28.2 (R1-R8)



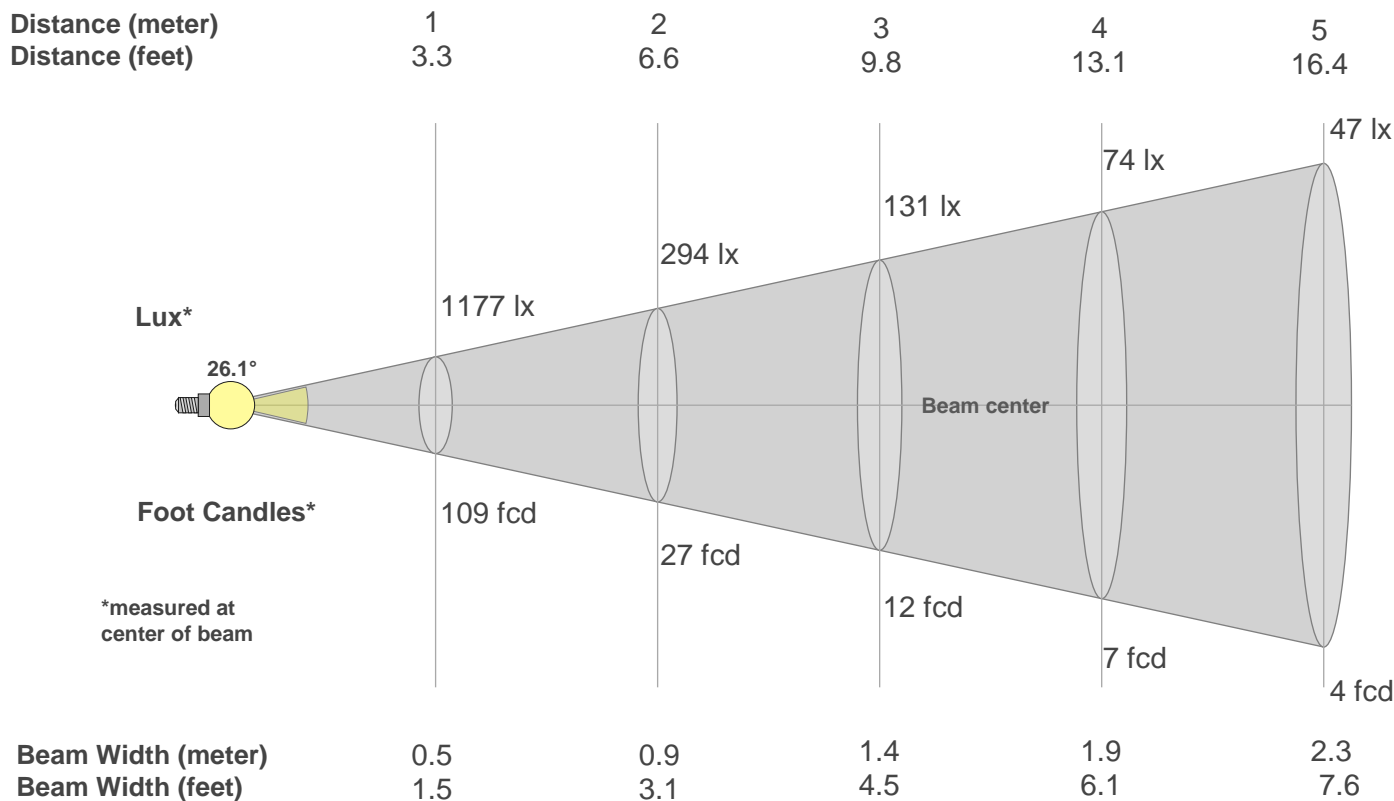
CQS: 0.0



## 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	$\Delta uv$
1618 K	-28.2	-415.3	0.2	1.2	0.0	0.584	0.415	0.343	0.366	0.0050

## Beam Details



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	1177	294	131	74	47	33	24	18	15	12	10	8	7	6	5	5	4	4	3	3
fcd	109.3	27.3	12.1	6.8	4.4	3	2.2	1.7	1.3	1.1	0.9	0.8	0.6	0.6	0.5	0.4	0.4	0.3	0.3	0.3

Intensities in 0° C-plane

0°	2°	4°	6°	8°	10°	12°	14°	16°	18°	20°	22°	24°	26°	28°	30°	32°	34°	36°	38°
1177	1147	1061	974	890	784	660	522	378	257	168	115	84	62	43	29	19	13	10	8
100%	97%	90%	83%	76%	67%	56%	44%	32%	22%	14%	10%	7%	5%	4%	2%	2%	1%	1%	1%

Intensities in 90° C-plane

0°	2°	4°	6°	8°	10°	12°	14°	16°	18°	20°	22°	24°	26°	28°	30°	32°	34°	36°	38°
1177	1147	1061	974	890	784	660	522	378	257	168	115	84	62	43	29	19	13	10	8
100%	97%	90%	83%	76%	67%	56%	44%	32%	22%	14%	10%	7%	5%	4%	2%	2%	1%	1%	1%

Intensities in 180° C-plane

0°	2°	4°	6°	8°	10°	12°	14°	16°	18°	20°	22°	24°	26°	28°	30°	32°	34°	36°	38°
1177	1116	1046	975	889	785	664	516	374	262	184	136	105	77	51	33	20	13	10	7
100%	95%	89%	83%	76%	67%	56%	44%	32%	22%	16%	12%	9%	7%	4%	3%	2%	1%	1%	1%

Intensities in 270° C-plane

0°	2°	4°	6°	8°	10°	12°	14°	16°	18°	20°	22°	24°	26°	28°	30°	32°	34°	36°	38°
1177	1116	1046	975	889	785	664	516	374	262	184	136	105	77	51	33	20	13	10	7
100%	95%	89%	83%	76%	67%	56%	44%	32%	22%	16%	12%	9%	7%	4%	3%	2%	1%	1%	1%

Beam Angle 50%	Field Angle 10%	Cutoff Angle 2,5%	Intensity Ratio in 120° Cone	Intensity Ratio in 90° Cone
26.1°	45°	60.4°	99.7%	99.1%