

# Photometric Details

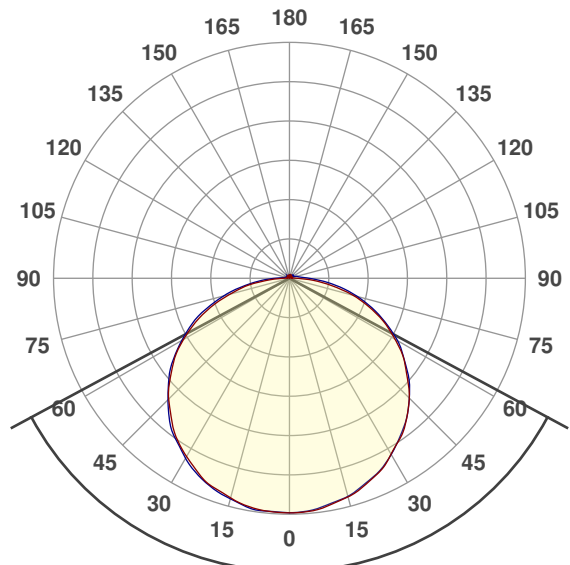
KURV-RGBW-WSC-DRY-RGBW-27-SO-ENC-TL-S1-BW-NA



<b>Product name:</b> KURV-RGBW-WSC-DRY-RGBW-27-SO-ENC-TL-S1-BW-NA
<b>Date:</b> 8/9/2018
<b>Powering product:</b> IQ-PH-80-120/24
<b>Output:</b> 86.9 lm/ft
<b>Peak:</b> 25.7 cd
<b>Power:</b> 1.7 W/ft
<b>PF:</b> 1.0



## Beam Angle



123.4°

CIE 1931  
x: 0.444  
y: 0.392



## Light efficiency:



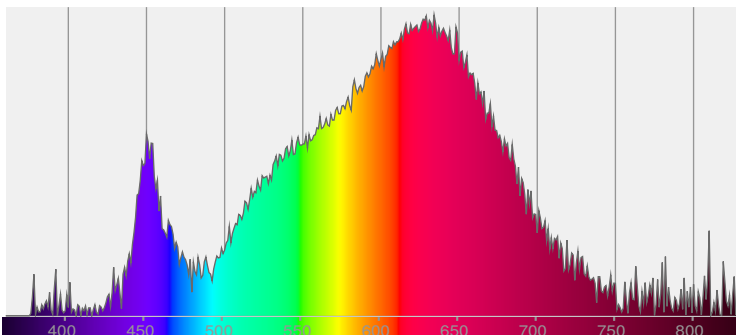
## Light quality:



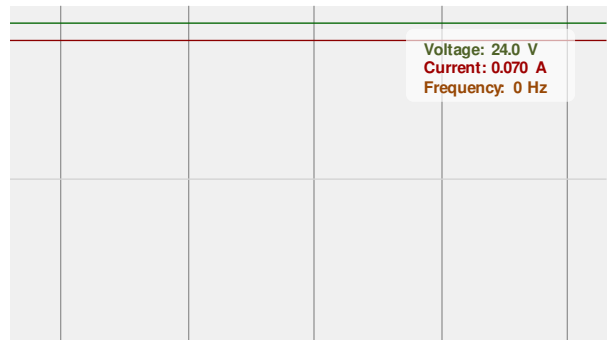
## Color temperature:



## Spectra

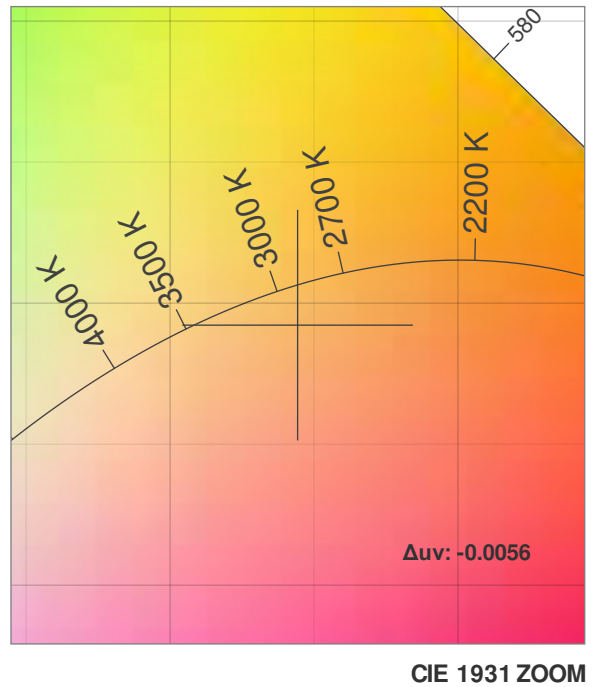
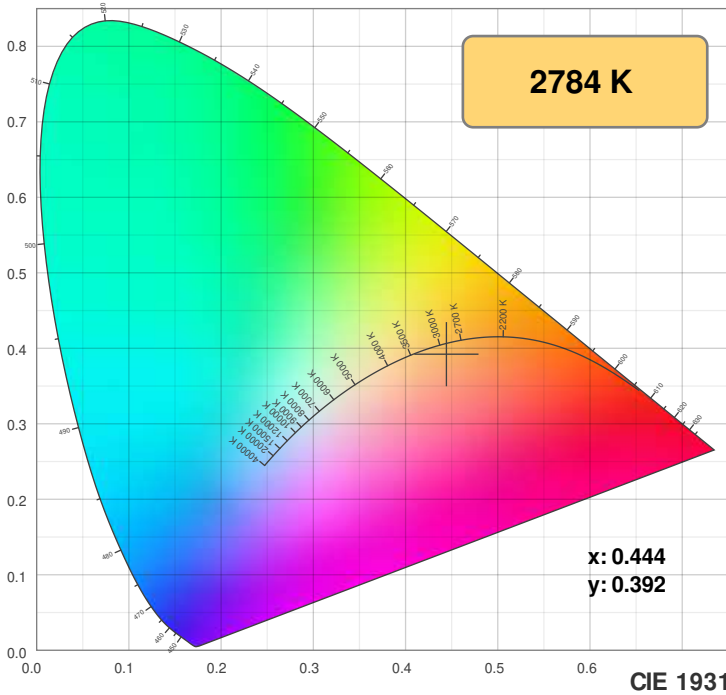


## Power



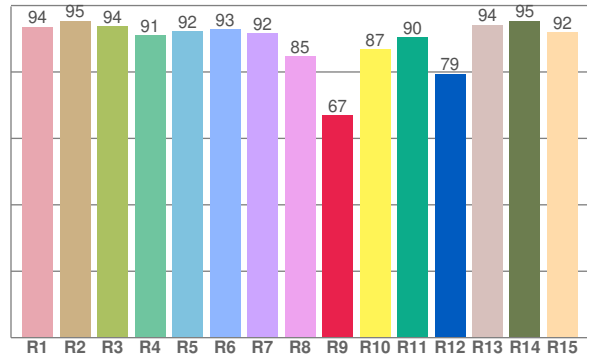
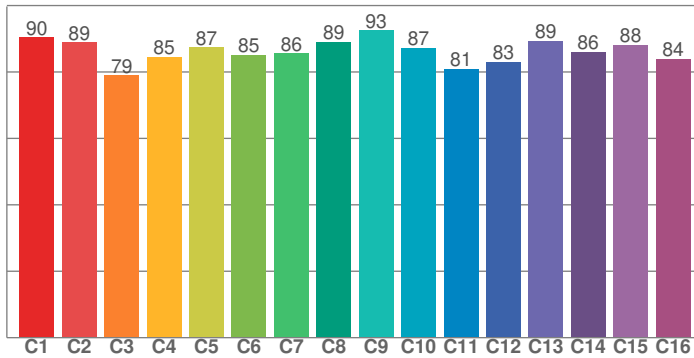
# Color Details

KURV-RGBW-WSC-DRY-RGBW-27-SO-ENC-TL-S1-BW-NA



**TM30: 86.4**

**CRI: 91.9 (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
93.6	95.4	93.8	91.1	92.3	92.9	91.5	84.8	67.0	86.8	90.5	79.5	94.2	95.4	91.9

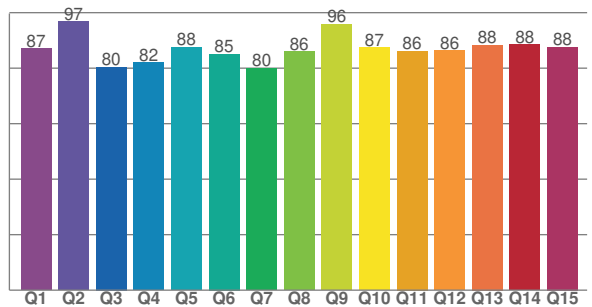
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
90.5	88.9	79.0	84.5	87.4	85.2	85.6	89.0	92.6	87.2	81.0	83.0	89.4	86.0	88.2	84.0

CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
87.1	96.8	80.4	82.0	87.5	85.1	79.9	86.0	95.8	87.5	86.2	86.4	88.4	88.5	87.7

**CQS: 86.1**



## 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	Δuv
2784 K	91.9	67.0	86.4	104.1	86.1	0.444	0.392	0.261	0.345	-0.0056

# TM30 Details

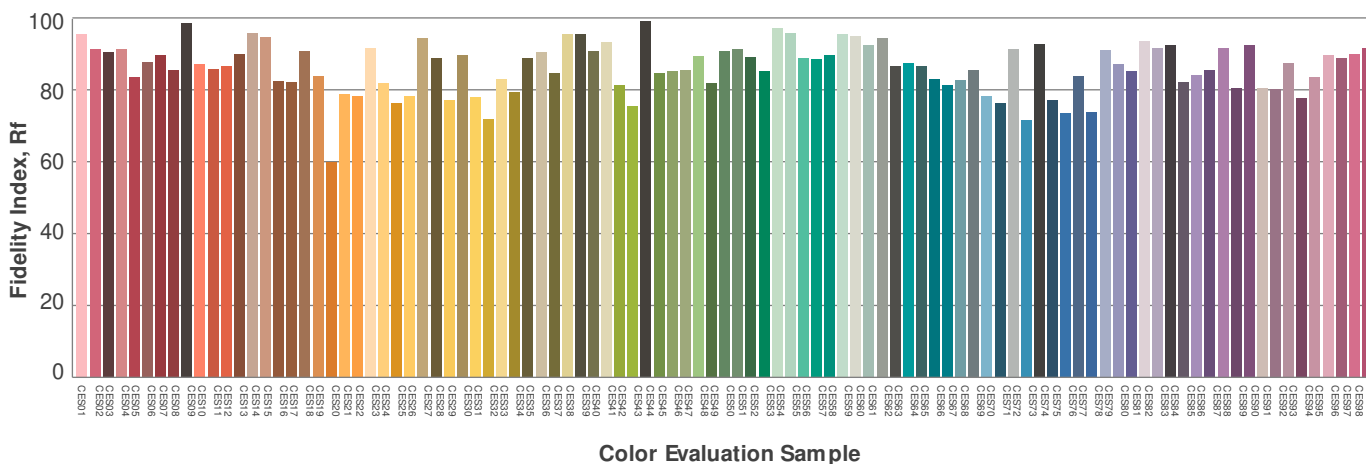
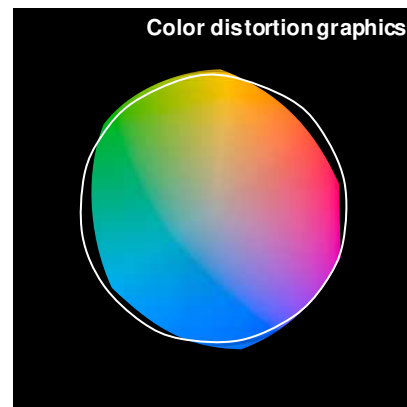
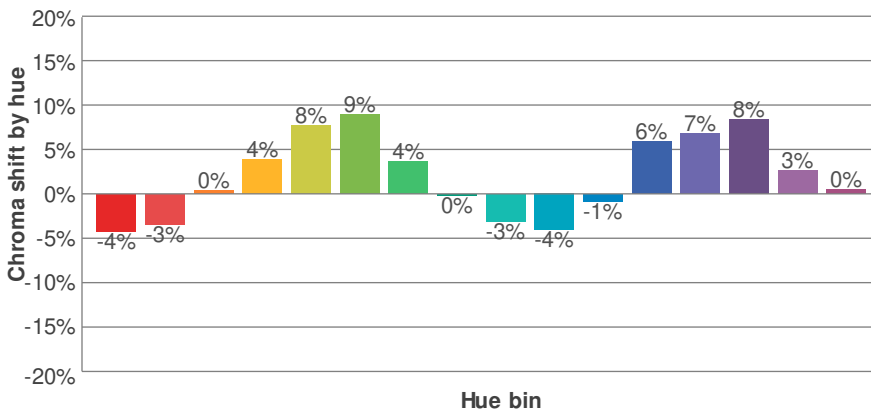
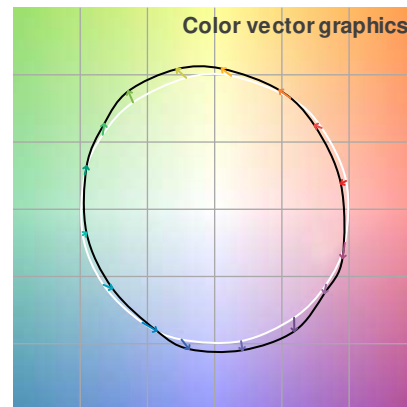
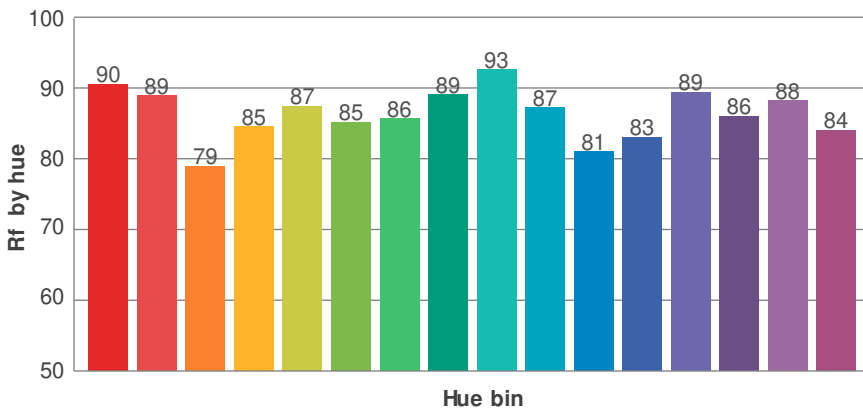
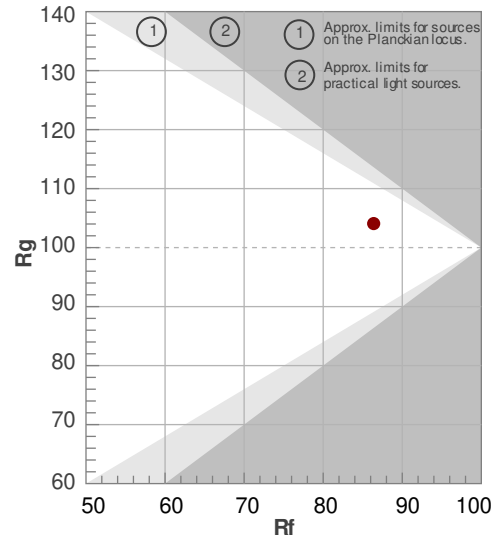
KURV-RGBW-WSC-DRY-RGBW-27-SO-ENC-TL-S1-BW-NA



**Rf 86.4**  
Fidelity index Rf

**Rg 104.1**  
Gammut index Rg

Hue Bin	R <sub>f</sub>	Graphic shifts (%)	
		Chroma	Hue
1	90	-4%	-1%
2	89	-3%	5%
3	79	0%	10%
4	85	4%	8%
5	87	8%	6%
6	85	9%	-2%
7	86	4%	-7%
8	89	0%	-6%
9	93	-3%	-1%
10	87	-4%	6%
11	81	-1%	12%
12	83	6%	7%
13	89	7%	0%
14	86	8%	-5%
15	88	3%	-6%
16	84	0%	-11%



# Photometric Details

KURV-RGBW-WSC-DRY-RGBW-RD-SO-ENC-TL-S1-BW-NA



**Product name:**

KURV-RGBW-WSC-DRY-RGBW-RD-SO-ENC-TL-S1-BW-NA

**Date:**

8/9/2018

**Powering product:**

IQ-PH-80-120/24

**Output:** 31.5 lm/ft

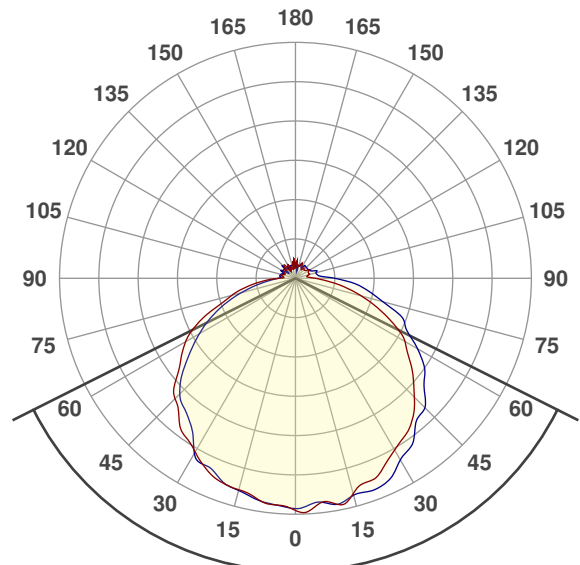
**Peak:** 8.43 cd

**Power:** 1.3 W/ft

**PF:** 1.0



### Beam Angle



126.7°

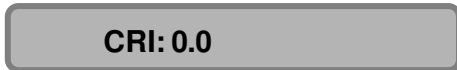
CIE 1931  
x: 0.605  
y: 0.286



**Light efficiency:**



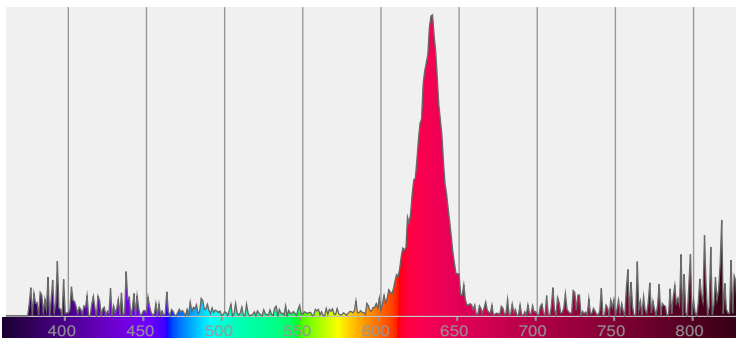
**Light quality:**



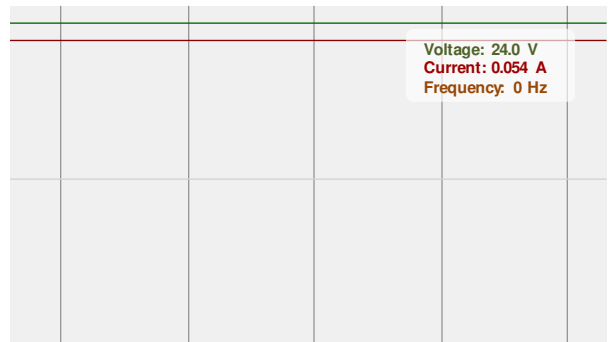
**Color temperature:**



### Spectra

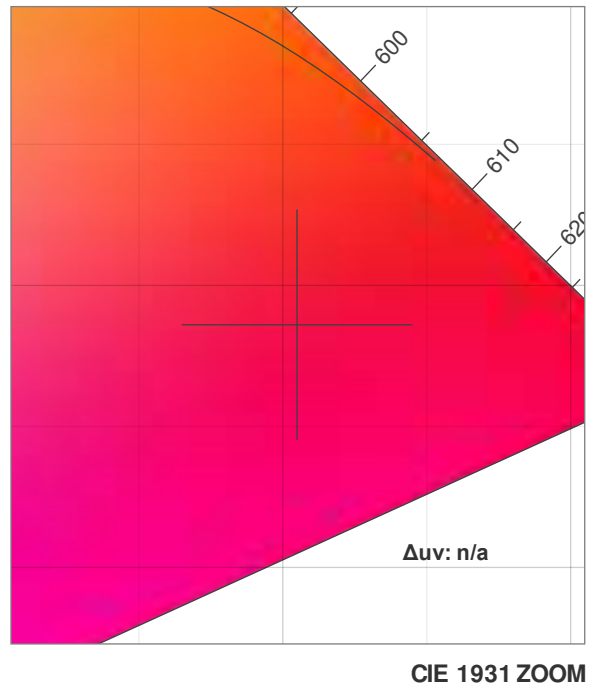
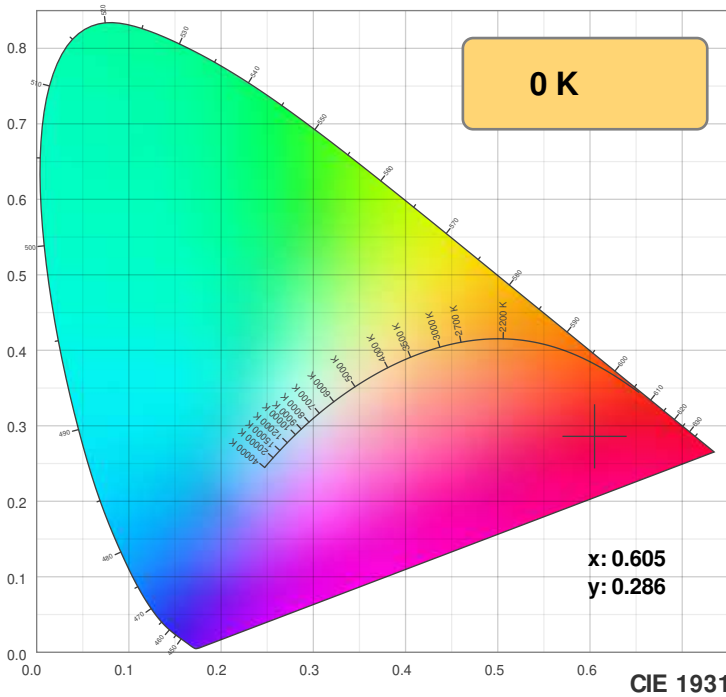


### Power



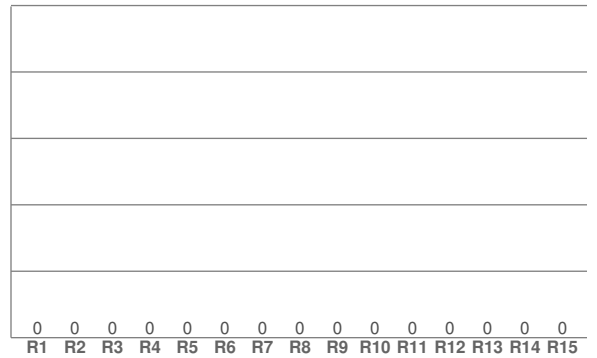
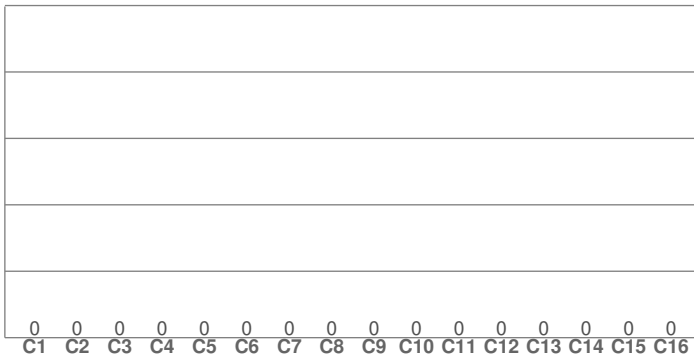
# Color Details

KURV-RGBW-WSC-DRY-RGBW-RD-SO-ENC-TL-S1-BW-NA



**TM30: 0.0**

**CRI: 0.0 (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
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

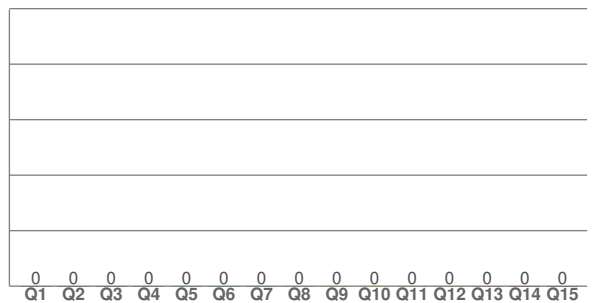
TM30 C v values, 16 binned values out of total of 99 C v values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

**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	$\Delta uv$
0 K	0.0	0.0	0.0	0.0	0.0	0.605	0.286	0.463	0.329	n/a

# TM30 Details

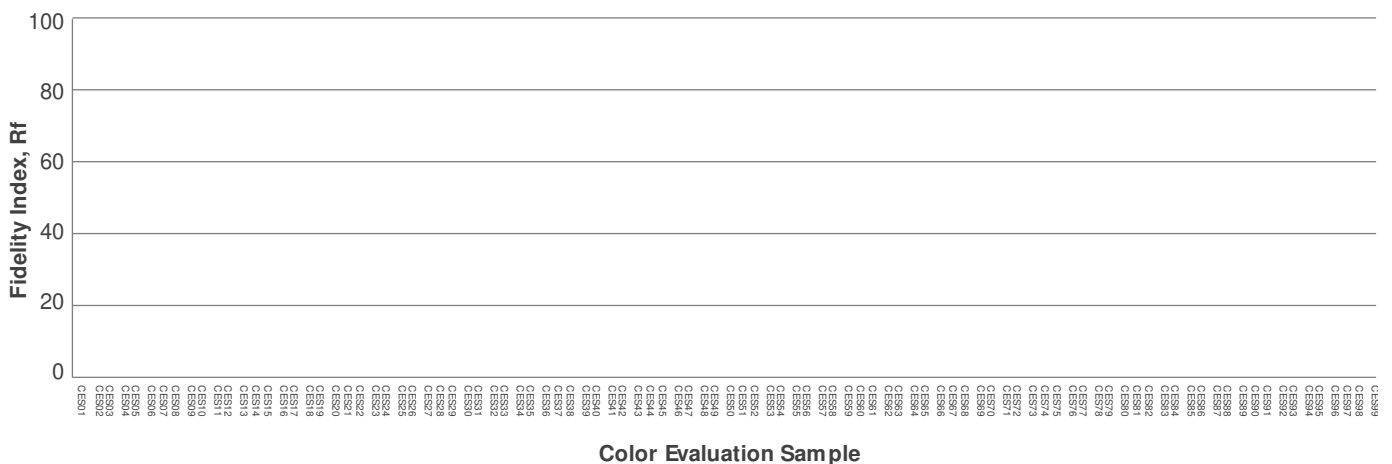
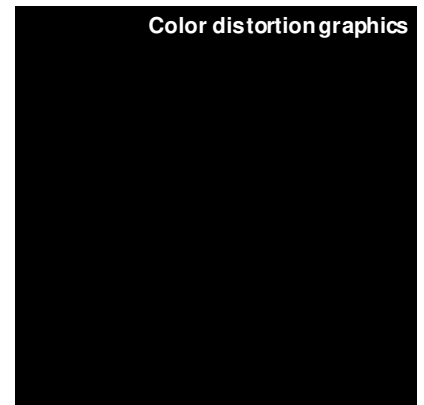
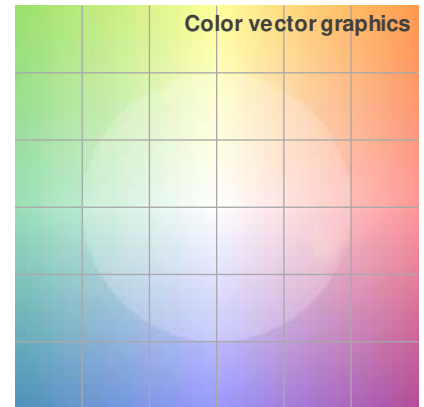
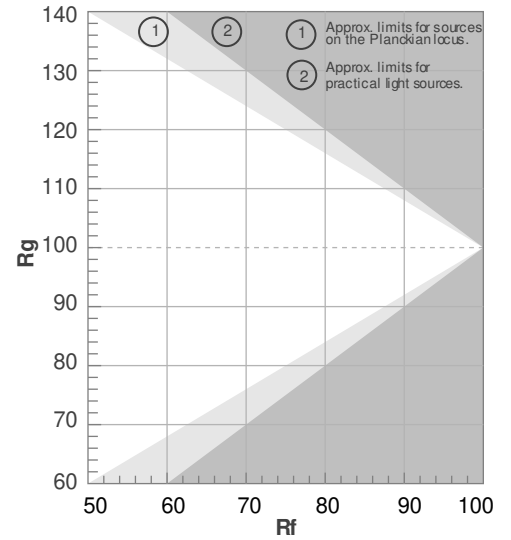
KURV-RGBW-WSC-DRY-RGBW-RD-SO-ENC-TL-S1-BW-NA



**Rf 0.0**  
Fidelity index Rf

**Rg 0.0**  
Gammut index Rg

Hue Bin	R <sub>f</sub>	Graphic shifts (%)	
		Chroma	Hue
1	0	0%	0%
2	0	0%	0%
3	0	0%	0%
4	0	0%	0%
5	0	0%	0%
6	0	0%	0%
7	0	0%	0%
8	0	0%	0%
9	0	0%	0%
10	0	0%	0%
11	0	0%	0%
12	0	0%	0%
13	0	0%	0%
14	0	0%	0%
15	0	0%	0%
16	0	0%	0%



# Photometric Details

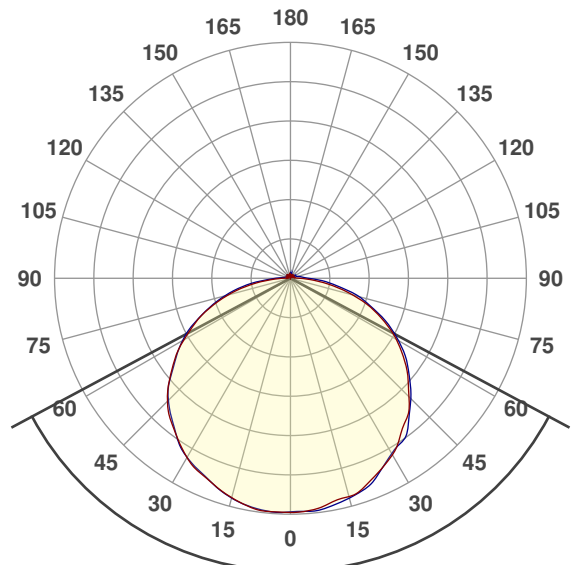
KURV-RGBW-WSC-DRY-RGBW-GR-SO-ENC-TL-S1-BW-NA



<b>Product name:</b> KURV-RGBW-WSC-DRY-RGBW-GR-SO-ENC-TL-S1-BW-NA
<b>Date:</b> 8/13/2018
<b>Powering product:</b> IQ-PH-80-120/24
<b>Output:</b> 95.4 lm/ft
<b>Peak:</b> 28.0 cd
<b>Power:</b> 1.5 W/ft
<b>PF:</b> 1.0



## Beam Angle



123.7°

CIE 1931  
x: 0.134  
y: 0.685



## Light efficiency:



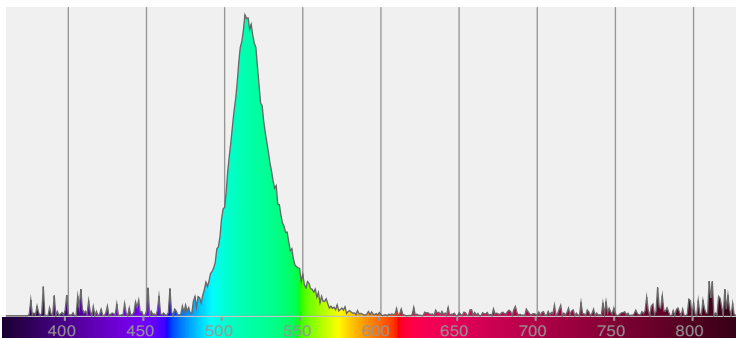
## Light quality:



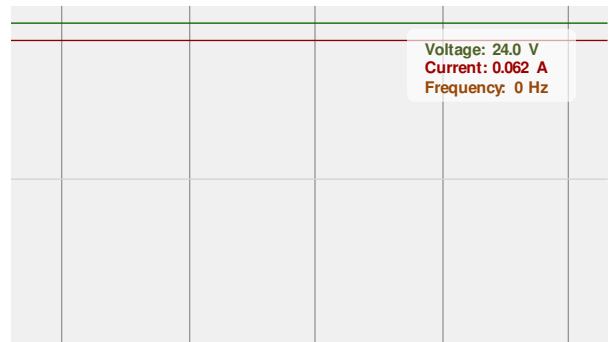
## Color temperature:



## Spectra



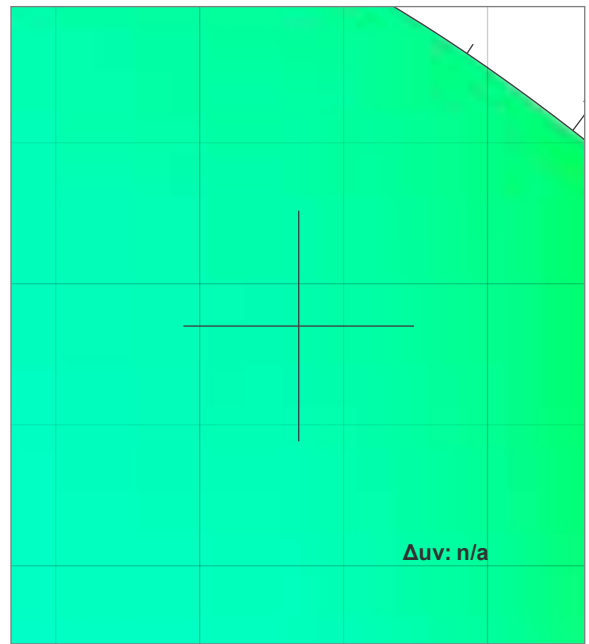
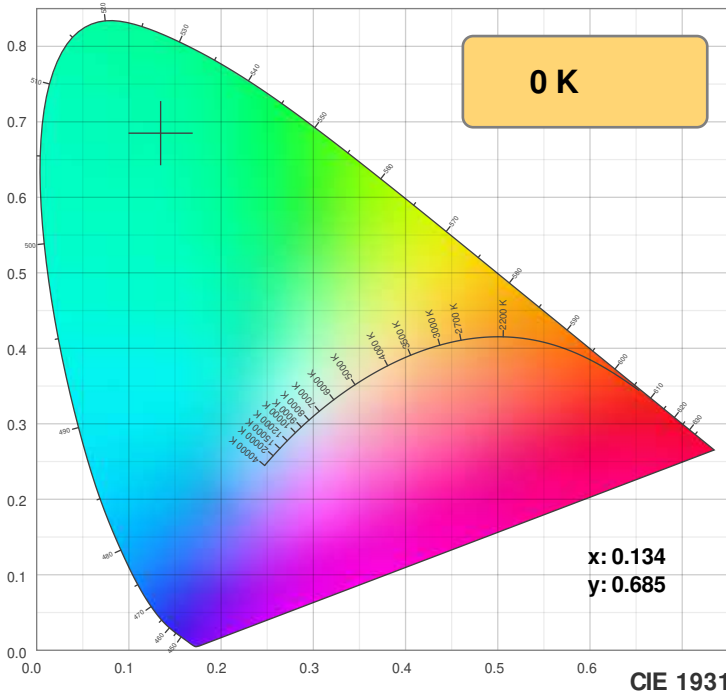
## Power



# Color Details

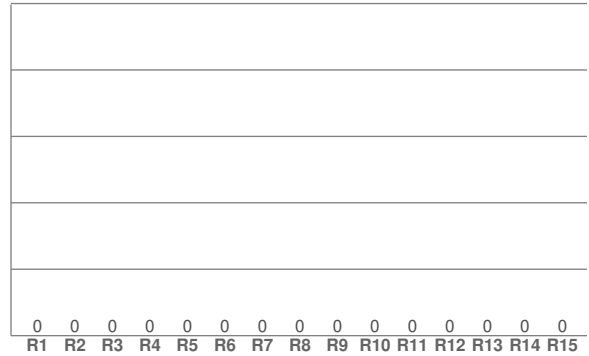
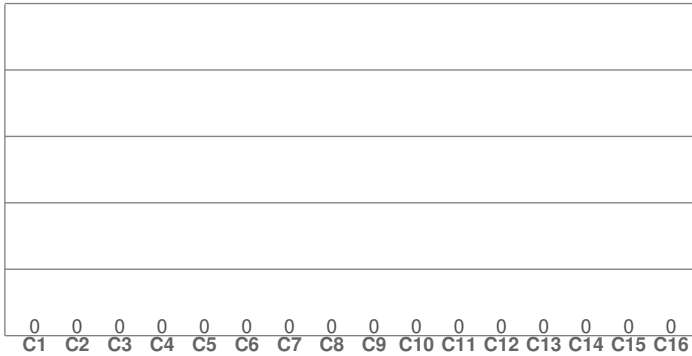


KURV-RGBW-WSC-DRY-RGBW-GR-SO-ENC-TL-S1-BW-NA



**TM30:0.0**

**CRI: 0.0 (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
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

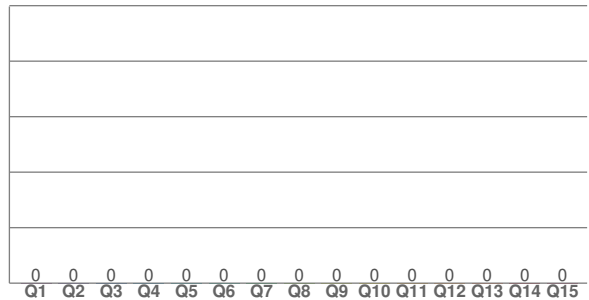
**TM30 C v values, 16 binned values out of total of 99 C values**

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

**CQS Q values**

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

**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
<b>CCT</b>	<b>CRI</b>	<b>CRI R9</b>	<b>TM30 Rf</b>	<b>TM30 Rg</b>	<b>CQS</b>	<b>x</b>	<b>y</b>	<b>u</b>	<b>v</b>	<b>Δuv</b>
<b>0 K</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.134</b>	<b>0.685</b>	<b>0.049</b>	<b>0.375</b>	<b>n/a</b>



# TM30 Details

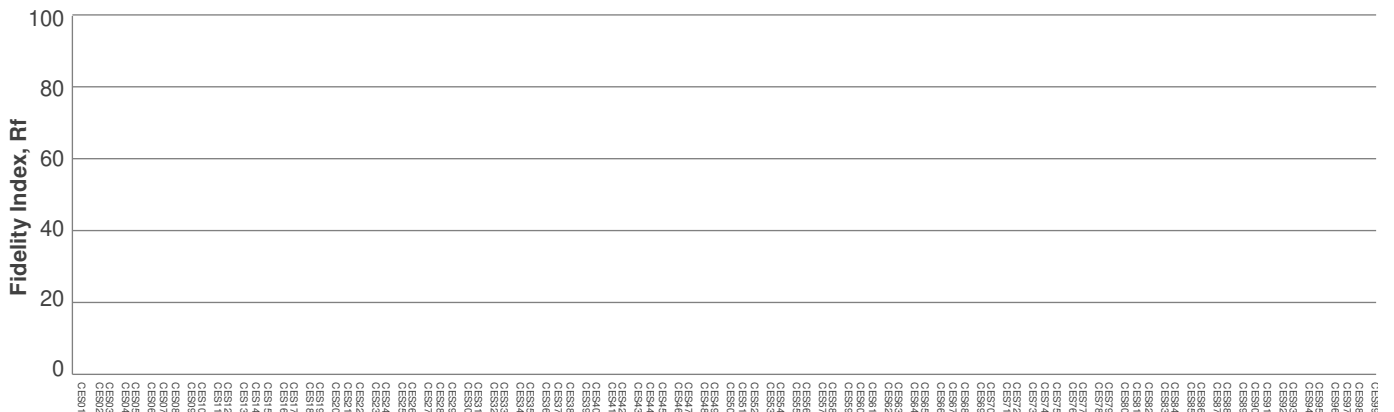
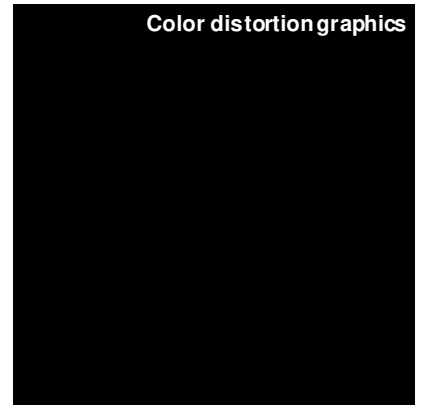
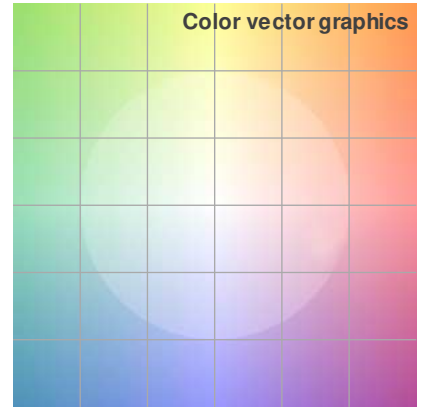
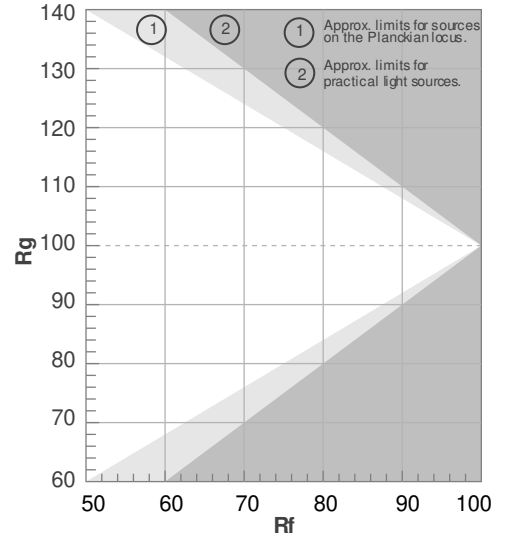
KURV-RGBW-WSC-DRY-RGBW-GR-SO-ENC-TL-S1-BW-NA



**Rf 0.0**  
Fidelity index Rf

**Rg 0.0**  
Gammut index Rg

Hue Bin	Rf	Graphic shifts (%)	
		Chroma	Hue
1	0	0%	0%
2	0	0%	0%
3	0	0%	0%
4	0	0%	0%
5	0	0%	0%
6	0	0%	0%
7	0	0%	0%
8	0	0%	0%
9	0	0%	0%
10	0	0%	0%
11	0	0%	0%
12	0	0%	0%
13	0	0%	0%
14	0	0%	0%
15	0	0%	0%
16	0	0%	0%



Color Evaluation Sample

# Photometric Details

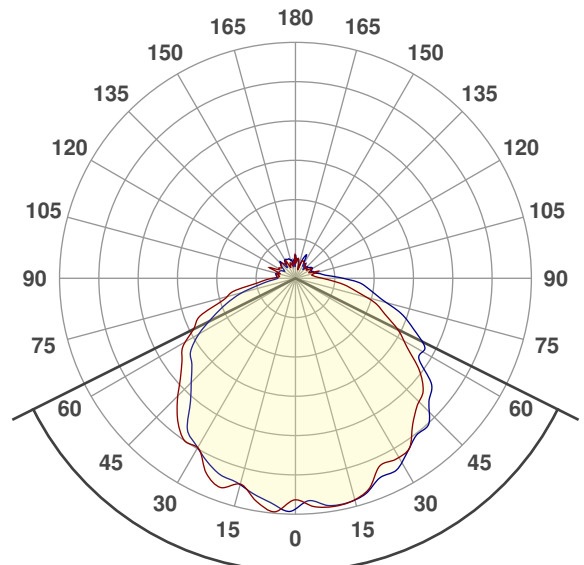
KURV-RGBW-WSC-DRY-RGBW-BL-SO-ENC-TL-S1-BW-NA



<b>Product name:</b> KURV-RGBW-WSC-DRY-RGBW-BL-SO-ENC-TL-S1-BW-NA
<b>Date:</b> 8/9/2018
<b>Powering product:</b> IQ-PH-80-120/24
<b>Output:</b> 27.1 lm/ft
<b>Peak:</b> 6.95 cd
<b>Power:</b> 1.5 W/ft
<b>PF:</b> 1.0



## Beam Angle



126.9°

CIE 1931  
x: 0.147  
y: 0.071



## Light efficiency:



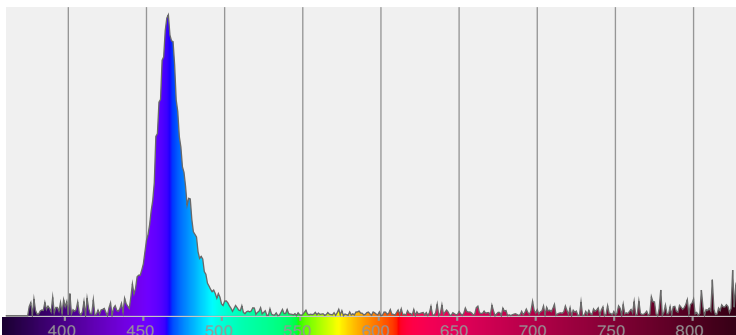
## Light quality:



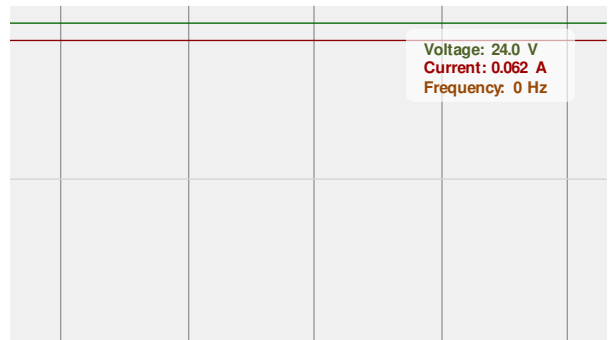
## Color temperature:



## Spectra

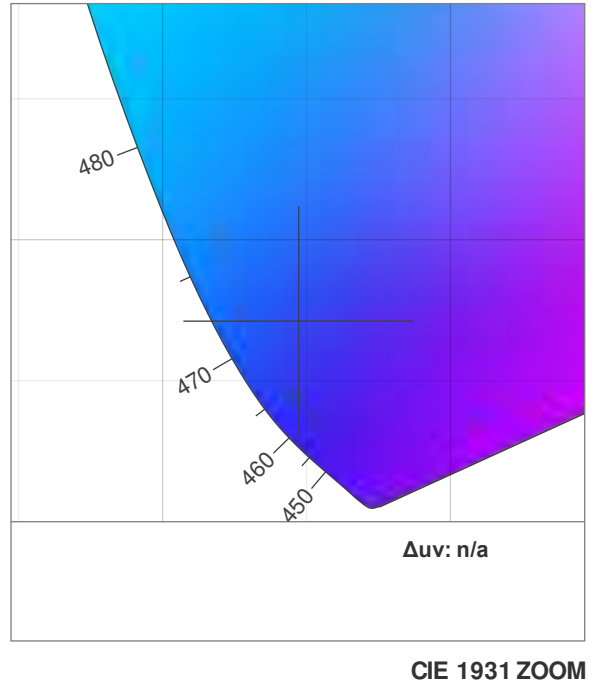
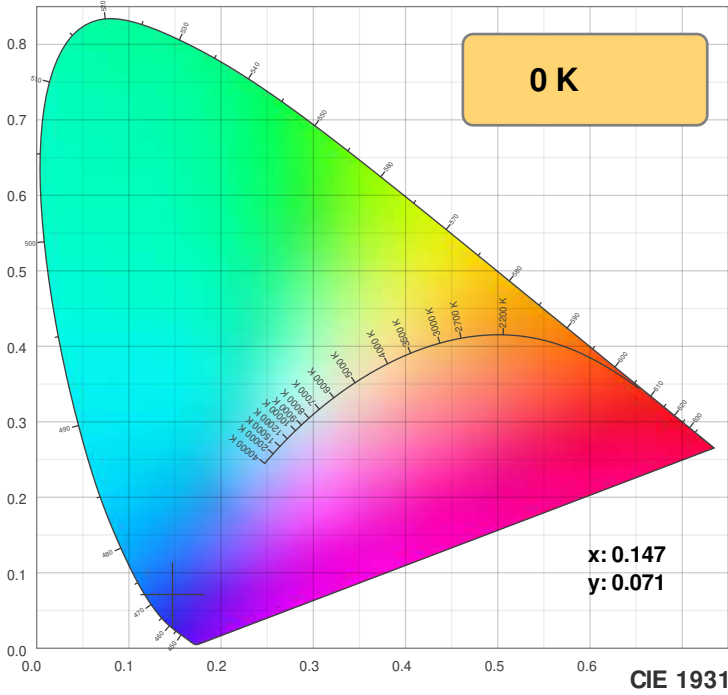


## Power



# Color Details

KURV-RGBW-WSC-DRY-RGBW-BL-SO-ENC-TL-S1-BW-NA



TM30:0.0

CRI: 0.0 (R1-R8)

0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16	

0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15		

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
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

CQS: 0.0

0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15		

## 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	Δuv
0 K	0.0	0.0	0.0	0.0	0.0	0.147	0.071	0.166	0.120	n/a

# TM30 Details

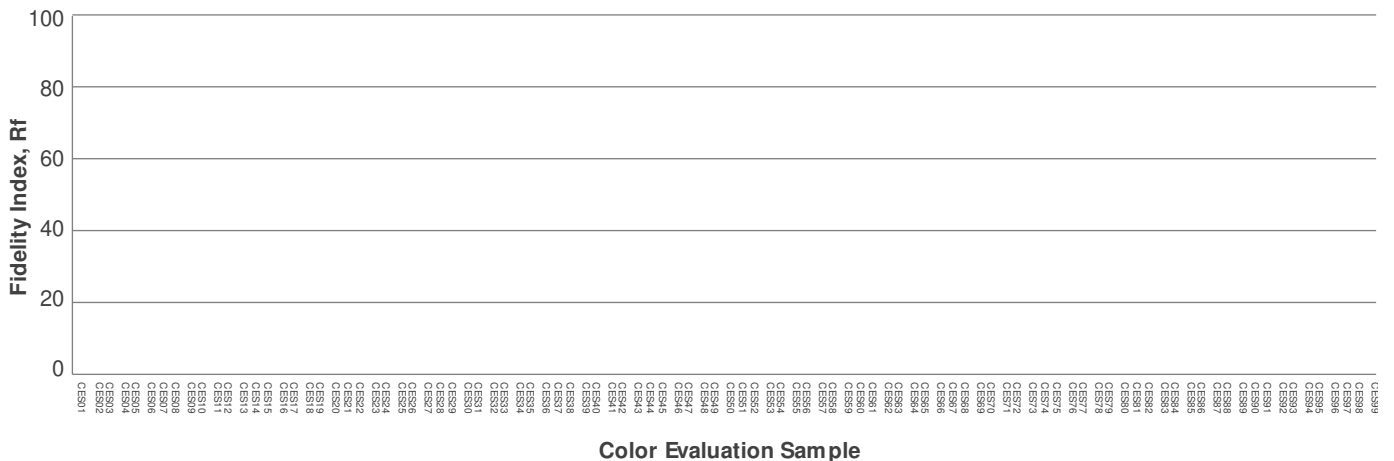
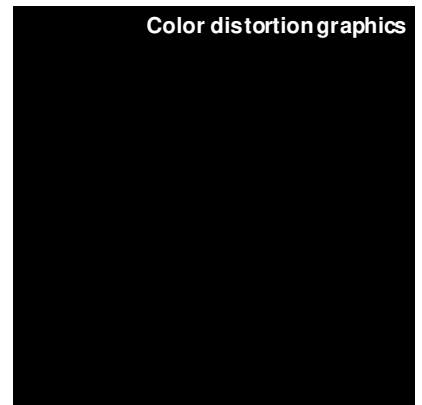
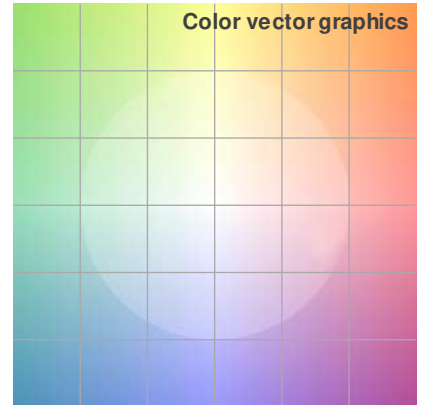
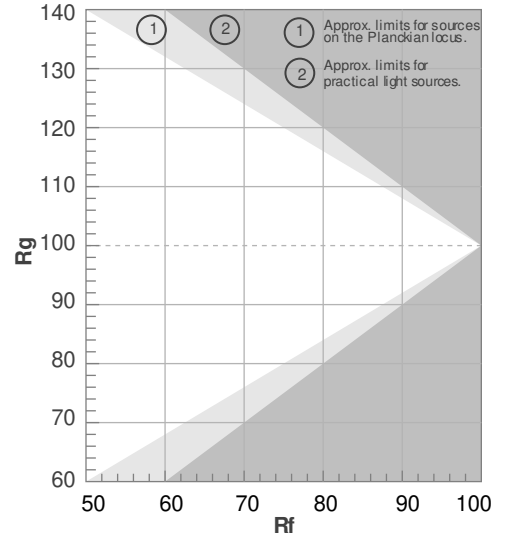
KURV-RGBW-WSC-DRY-RGBW-BL-SO-ENC-TL-S1-BW-NA



**Rf 0.0**  
Fidelity index Rf

**Rg 0.0**  
Gammut index Rg

Hue Bin	Rf	Graphic shifts (%)	
		Chroma	Hue
1	0	0%	0%
2	0	0%	0%
3	0	0%	0%
4	0	0%	0%
5	0	0%	0%
6	0	0%	0%
7	0	0%	0%
8	0	0%	0%
9	0	0%	0%
10	0	0%	0%
11	0	0%	0%
12	0	0%	0%
13	0	0%	0%
14	0	0%	0%
15	0	0%	0%
16	0	0%	0%



Color Evaluation Sample