

Light efficiency:

33 Lumen/Watt

Light quality:

CRI: 0.0

Color temperature:

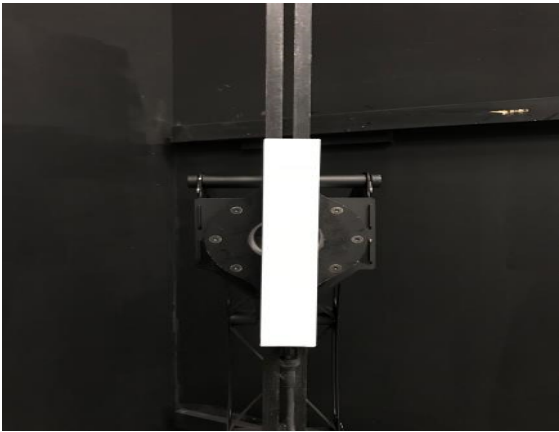
0 K

Output: 136 lm

Peak: 27.9 cd

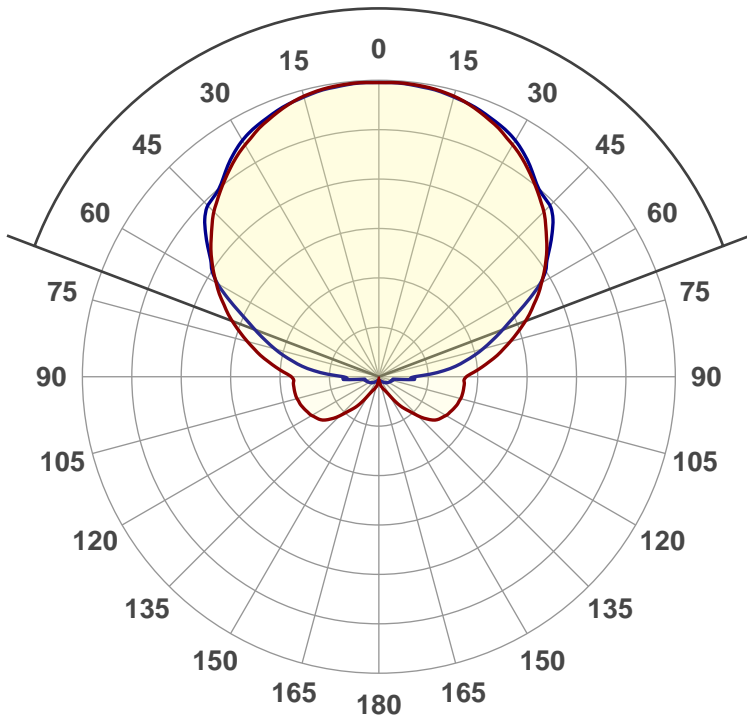
Power: 4.1 W

PF: 1.0



138.4°

Beam angle



Color



CIE 1931
x: 0.191
y: 0.726

Product name:

PH-HL-300-5W-RGBW40K-ELV-HO-CA-FLAT-GREEN

Date and time:

7/23/2018 10:11:52 AM

Additional Information:

LED: RGBW 40K

FIXTURE: HL GEN 3 300MM

LENS: YES

PROFILE: HL-DL

DIFFUSER: FLAT

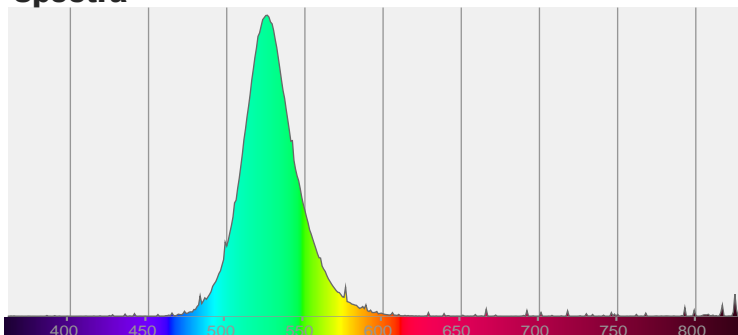
COLOR-AMP: ON

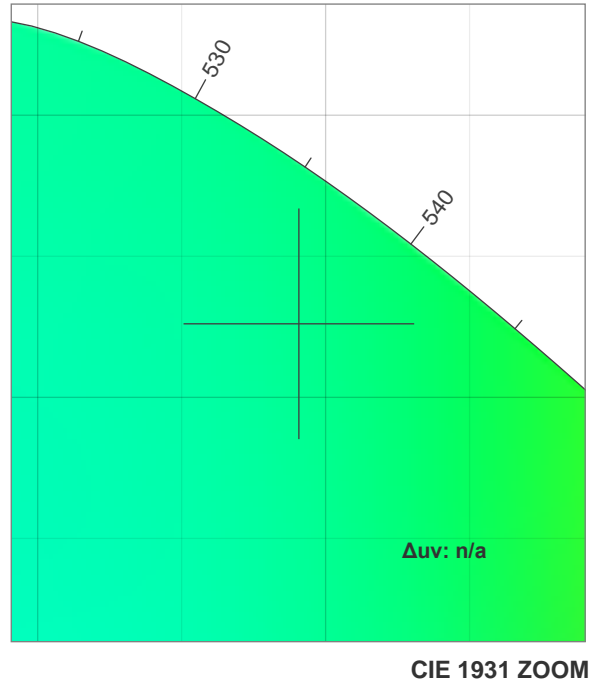
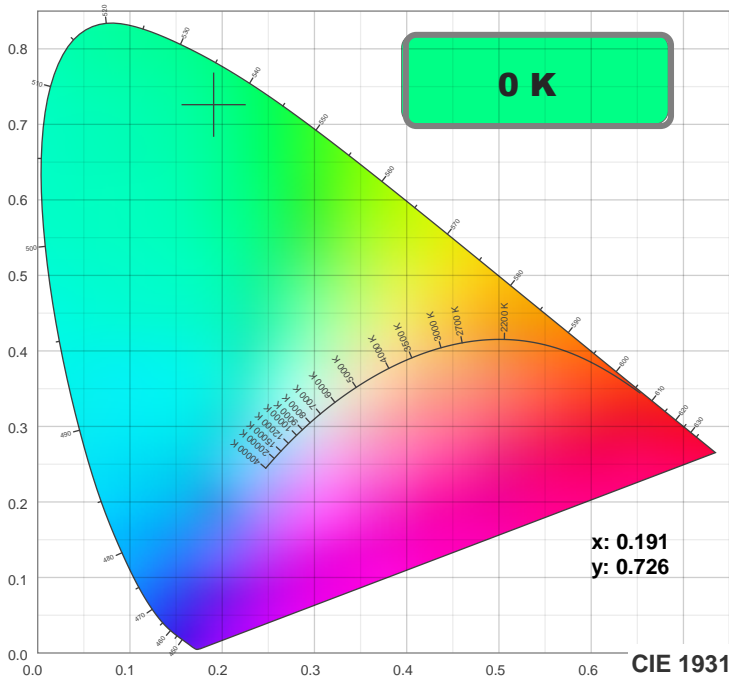
STABILIZED: YES

COLOR (RGBW): GREEN

LUMINANCE: 1850 cd/m2

Spectra





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 |

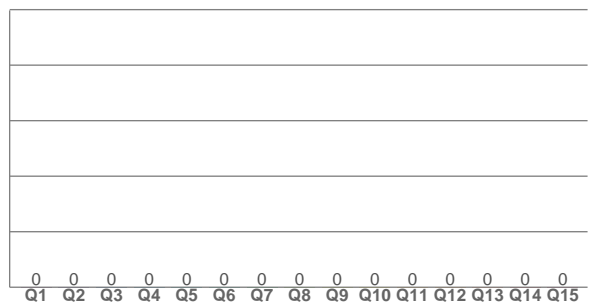
TM30 C values, 16 binned values out of total of 99 C values

| 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

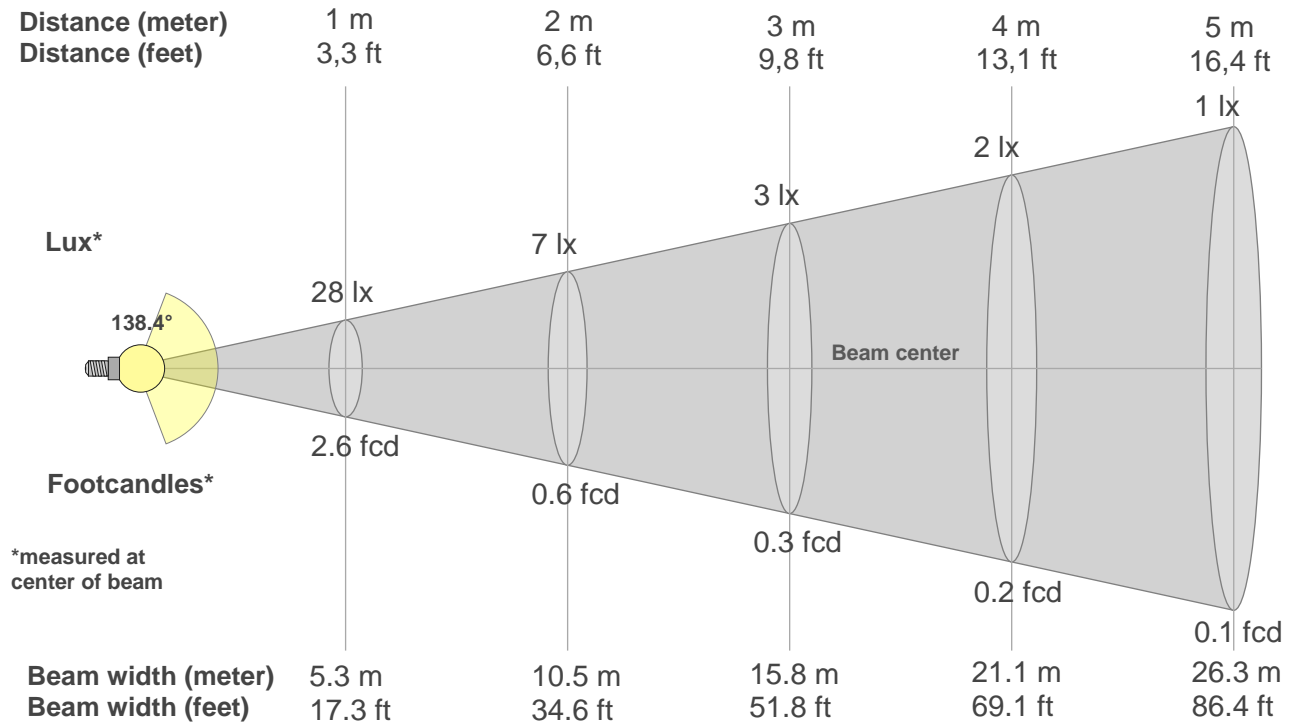
| Q1 | Q2 | Q3 | Q4 | Q5 | Q6 | Q7 | Q8 | Q9 | Q10 | Q11 | Q12 | Q13 | Q14 | Q15 |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

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 |
|-------------------|-----------------------|---------------|----------------|-------------|---------------------|---------------------------|---------------------------|------------------|------------------|---------------------------------|
| 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 | 0.191 | 0.726 | 0.067 | 0.384 | n/a |



Beam intensities from 1-20m

| 1m | 2m | 3m | 4m | 5m | 6m | 7m | 8m | 9m | 10m | 11m | 12m | 13m | 14m | 15m | 16m | 17m | 18m | 19m | 20m |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 3.3ft | 6.6ft | 9.8ft | 13.1ft | 16.4ft | 19.7ft | 23ft | 26.2ft | 29.5ft | 32.8ft | 36.1ft | 39.4ft | 42.7ft | 45.9ft | 49.2ft | 52.5ft | 55.8ft | 59.1ft | 62.3ft | 65.6ft |
| 28lx | 7lx | 3lx | 2lx | 1lx | 1lx | 1lx | 0lx | 0lx | 0lx | 0lx | 0lx | 0lx | 0lx | 0lx | 0lx | 0lx | 0lx | 0lx | 0lx |
| 2.6fcd | 0.6fcd | 0.3fcd | 0.2fcd | 0.1fcd | 0.1fcd | 0.1fcd | 0fcd | 0fcd | 0fcd | 0fcd | 0fcd | 0fcd | 0fcd | 0fcd | 0fcd | 0fcd | 0fcd | 0fcd | 0fcd |

Intensities in 0° c-plane

| 0° | 9° | 18° | 27° | 36° | 45° | 54° | 63° | 72° | 81° | 90° | 99° | 108° | 117° | 126° | 135° | 144° | 153° | 162° | 171° |
|------|------|------|------|------|------|------|------|------|------|-----|-----|------|------|------|------|------|------|------|------|
| 27.8 | 27.7 | 27.1 | 25.8 | 24.0 | 22.0 | 19.5 | 16.8 | 13.8 | 10.9 | 8.3 | 8.1 | 7.9 | 7.5 | 6.9 | 5.2 | 3.3 | 1.7 | 1.1 | 0.6 |
| 100% | 100% | 98% | 93% | 87% | 79% | 70% | 61% | 50% | 39% | 30% | 29% | 28% | 27% | 25% | 19% | 12% | 6% | 4% | 2% |

Intensities in 90° c-plane

| 0° | 9° | 18° | 27° | 36° | 45° | 54° | 63° | 72° | 81° | 90° | 99° | 108° | 117° | 126° | 135° | 144° | 153° | 162° | 171° |
|------|------|------|------|------|------|------|------|------|-----|-----|-----|------|------|------|------|------|------|------|------|
| 27.8 | 27.6 | 27.1 | 26.2 | 24.4 | 22.8 | 19.8 | 15.8 | 11.3 | 7.8 | 3.4 | 1.5 | 1.3 | 1.1 | 0.9 | 0.8 | 0.6 | 0.5 | 0.4 | 0.4 |
| 100% | 99% | 98% | 94% | 88% | 82% | 71% | 57% | 41% | 28% | 12% | 5% | 5% | 4% | 3% | 3% | 2% | 2% | 2% | 1% |

Intensities in 180° c-plane

| 0° | 9° | 18° | 27° | 36° | 45° | 54° | 63° | 72° | 81° | 90° | 99° | 108° | 117° | 126° | 135° | 144° | 153° | 162° | 171° |
|------|------|------|------|------|------|------|------|------|------|-----|-----|------|------|------|------|------|------|------|------|
| 27.8 | 27.7 | 27.1 | 25.8 | 24.0 | 22.0 | 19.5 | 16.8 | 13.8 | 10.9 | 8.3 | 8.1 | 7.9 | 7.5 | 6.9 | 5.2 | 3.3 | 1.7 | 1.1 | 0.6 |
| 100% | 100% | 98% | 93% | 87% | 79% | 70% | 61% | 50% | 39% | 30% | 29% | 28% | 27% | 25% | 19% | 12% | 6% | 4% | 2% |

Intensities in 270° c-plane

| 0° | 9° | 18° | 27° | 36° | 45° | 54° | 63° | 72° | 81° | 90° | 99° | 108° | 117° | 126° | 135° | 144° | 153° | 162° | 171° |
|------|------|------|------|------|------|------|------|------|-----|-----|-----|------|------|------|------|------|------|------|------|
| 27.8 | 27.6 | 27.1 | 26.2 | 24.4 | 22.8 | 19.8 | 15.8 | 11.3 | 7.8 | 3.4 | 1.5 | 1.3 | 1.1 | 0.9 | 0.8 | 0.6 | 0.5 | 0.4 | 0.4 |
| 100% | 99% | 98% | 94% | 88% | 82% | 71% | 57% | 41% | 28% | 12% | 5% | 5% | 4% | 3% | 3% | 2% | 2% | 2% | 1% |

| Beam angle 50% | Field angle 10% | Cutoff angle 2,5% | Intensity ratio in 120° cone | Intensity ratio in 90° cone |
|----------------|-----------------|-------------------|------------------------------|-----------------------------|
| 138.4° | 262.1° | 327° | 53.6% | 34.2% |