



# DOMINO WASH ST

PHOTOMETRY



**AYRTON**  
Digital Lighting





|                   |                                              |
|-------------------|----------------------------------------------|
| <b>Total Flux</b> | 45000 lm (@zoom 128, fan mode STAGE, Sphere) |
|-------------------|----------------------------------------------|

|                       |                   |
|-----------------------|-------------------|
| <b>CCT @LED engin</b> | 6000 (±400K)      |
| <b>CCT @open</b>      | 6000 (±400K)      |
| <b>Ra @open</b>       | 80 (±2)           |
| <b>TLCI</b>           | 64                |
| <b>TM-30</b>          | Rf: 81.3 Rg: 93.0 |

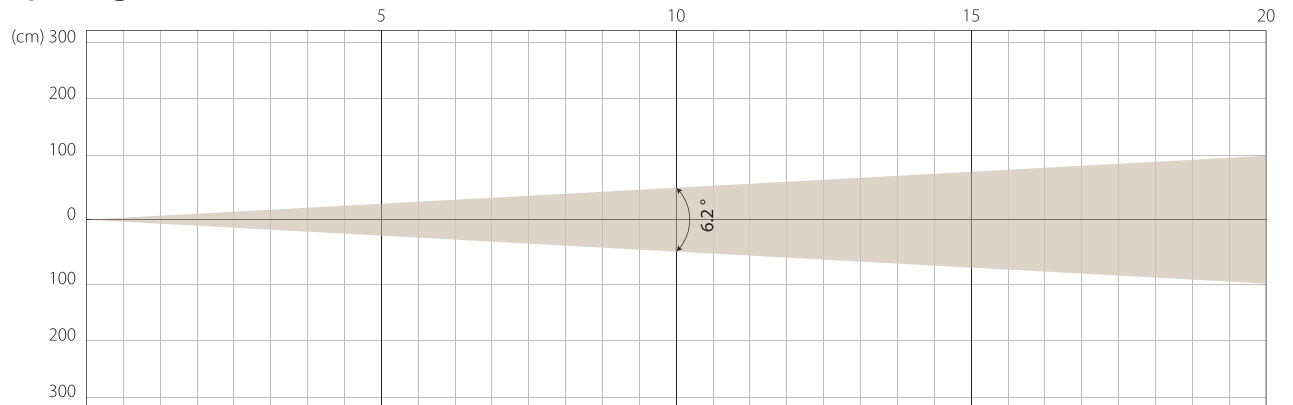
| <b>Fan Mode</b>      | <b>Noise Level (dBA)</b> | <b>by Goniometer (lm)</b> | <b>by Sphere (lm)</b> |
|----------------------|--------------------------|---------------------------|-----------------------|
| <b>Auto</b>          | 47,8                     | 33917                     | 43414                 |
| <b>Stage</b>         | 50,3                     | 34738                     | 44465                 |
| <b>Silence</b>       | 39,3                     | 24331                     | 31144                 |
| <b>Super Silence</b> | 34,2                     | 14556                     | 18632                 |

Note: noise measured @1m distance, static status, ambient 31 dBA.

|                                   |                    |        |
|-----------------------------------|--------------------|--------|
| <b>Voltage / Power</b>            | 100-240V, 50-60Hz  | 1600 W |
| <b>Fixture Dimension / Weight</b> | 490 x 821 x 330 mm | 52 kg  |
| <b>Packing Dimension / Weight</b> | 730 x 570 x 765 mm | 71 kg  |

MIN ZOOM

### Beam Opening

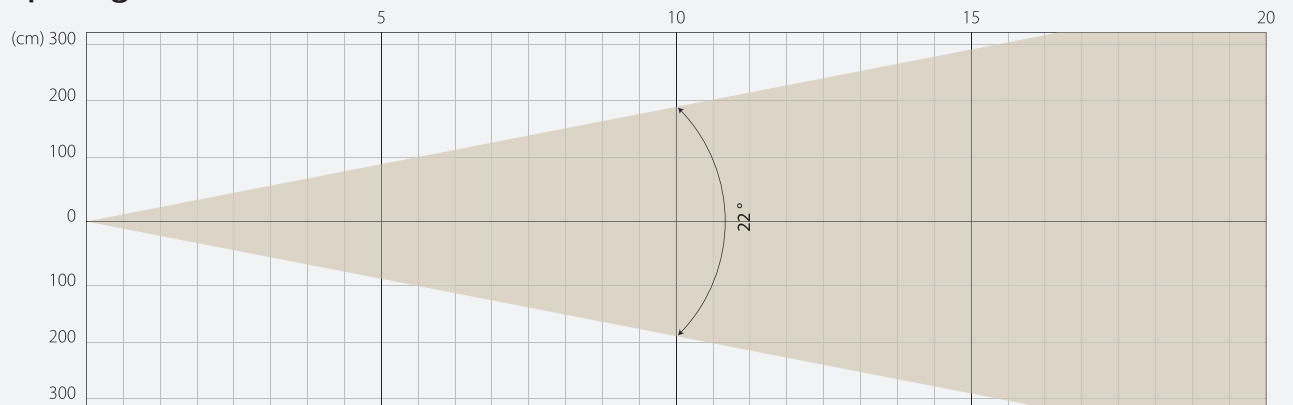


### Intensity

| Distance (m) | 5     |          | 10    |          | 15   |          | 20   |          |
|--------------|-------|----------|-------|----------|------|----------|------|----------|
| unit         | lux   | diameter | lux   | diameter | lux  | diameter | lux  | diameter |
| White        | 86994 | 0,54     | 21748 | 1,08     | 9666 | 1,62     | 5437 | 2,17     |

MIDDLE ZOOM

### Beam Opening

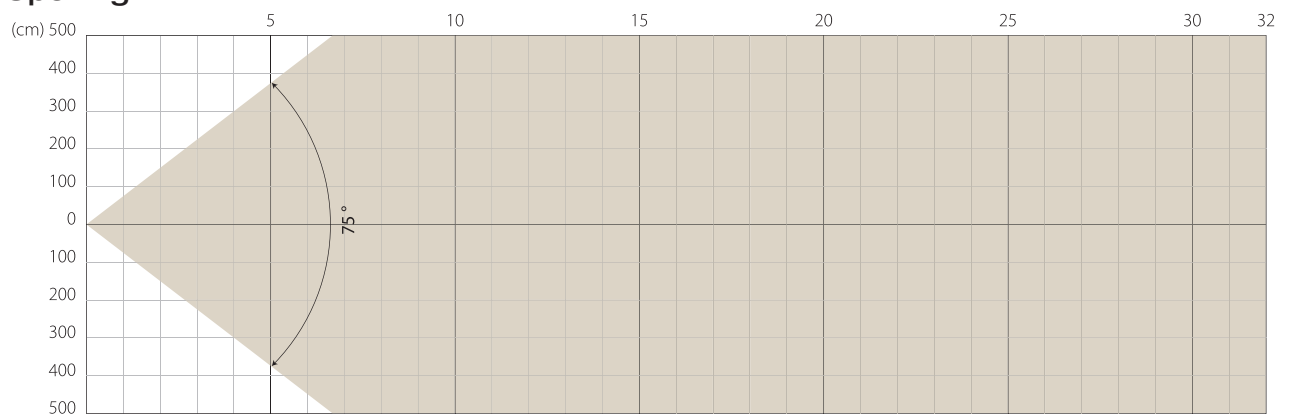


### Intensity

| Distance (m) | 5     |          | 10   |          | 15   |          | 20  |          |
|--------------|-------|----------|------|----------|------|----------|-----|----------|
| unit         | lux   | diameter | lux  | diameter | lux  | diameter | lux | diameter |
| White        | 10809 | 1,94     | 2702 | 3,89     | 1201 | 5,83     | 676 | 7,78     |

MAX ZOOM

### Beam Opening



### Intensity

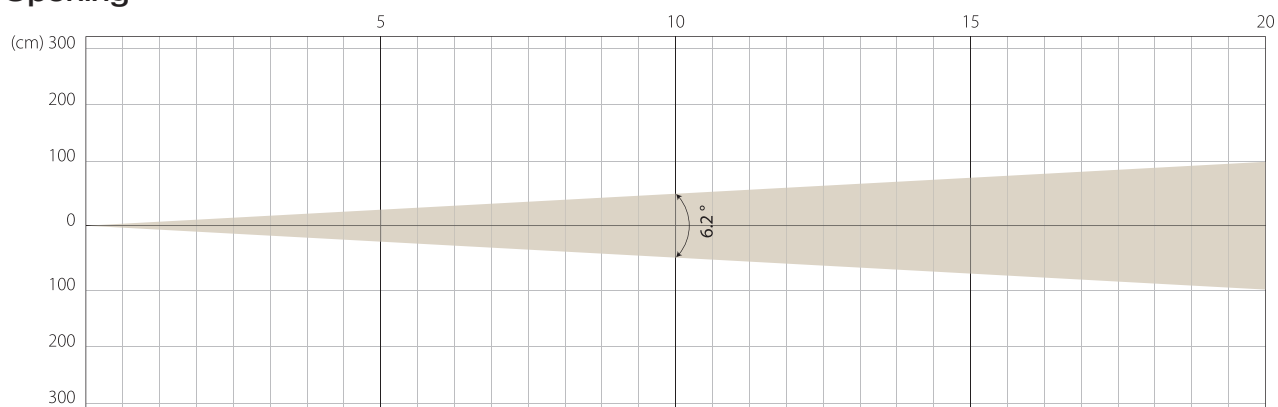
| Distance (m) | 5    |          | 10  |          | 15  |          | 20  |          |
|--------------|------|----------|-----|----------|-----|----------|-----|----------|
| unit         | lux  | diameter | lux | diameter | lux | diameter | lux | diameter |
| White        | 1740 | 7,67     | 435 | 15,35    | 193 | 23,02    | 109 | 30,69    |

# STAGE MODE

NATIVE CRI GREATER THAN 80

MIN ZOOM

## Beam Opening

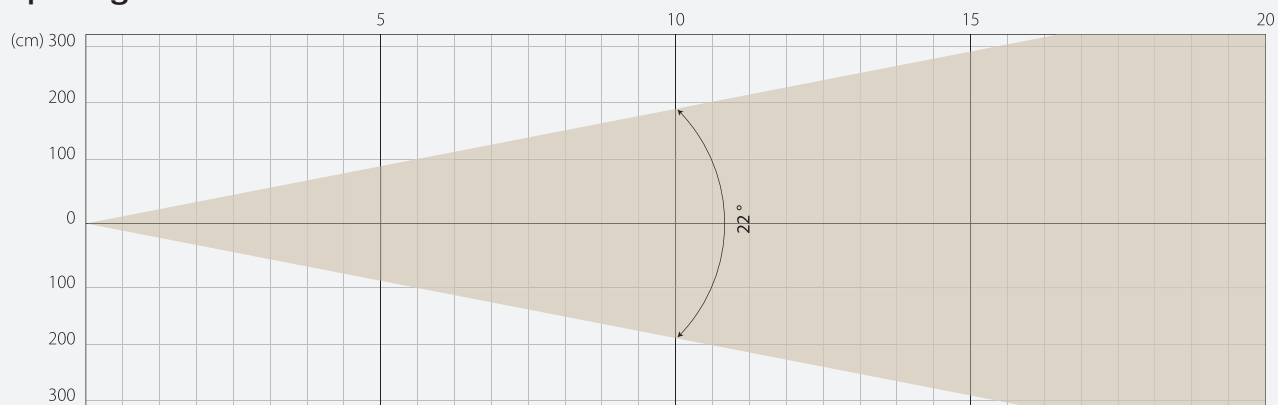


## Intensity

| Distance (m) | 5     |          | 10    |          | 15    |          | 20   |          |
|--------------|-------|----------|-------|----------|-------|----------|------|----------|
| unit         | lux   | diameter | lux   | diameter | lux   | diameter | lux  | diameter |
| White        | 90401 | 0,54     | 22600 | 1,08     | 10045 | 1,62     | 5650 | 2,17     |

MIDDLE ZOOM

## Beam Opening

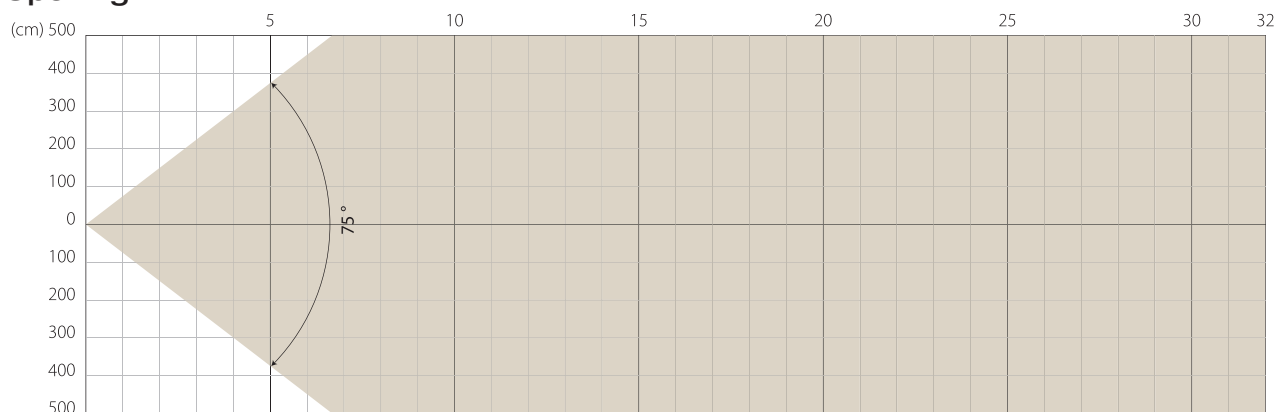


## Intensity

| Distance (m) | 5     |          | 10   |          | 15   |          | 20  |          |
|--------------|-------|----------|------|----------|------|----------|-----|----------|
| unit         | lux   | diameter | lux  | diameter | lux  | diameter | lux | diameter |
| White        | 11047 | 1,94     | 2762 | 3,89     | 1227 | 5,83     | 690 | 7,78     |

MAX ZOOM

## Beam Opening

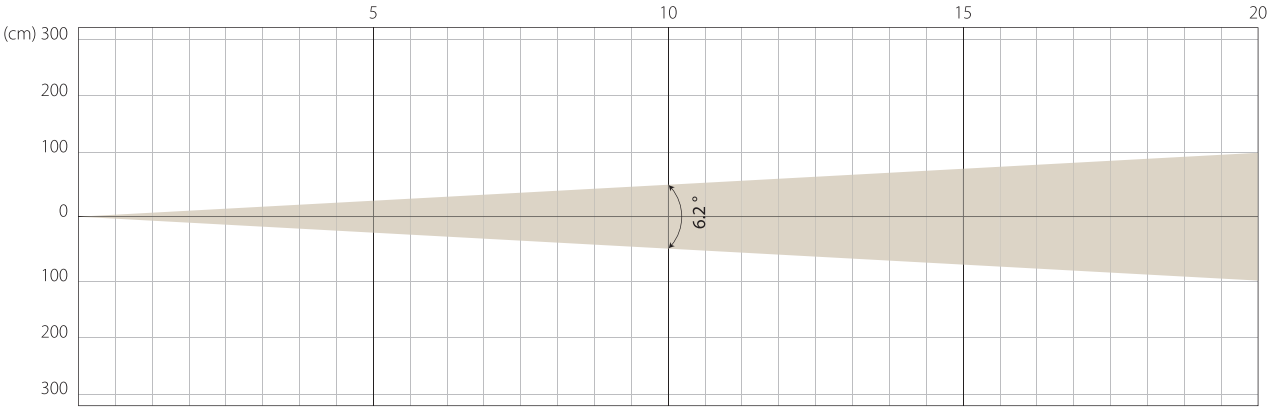


## Intensity

| Distance (m) | 5    |          | 10  |          | 15  |          | 20  |          |
|--------------|------|----------|-----|----------|-----|----------|-----|----------|
| unit         | lux  | diameter | lux | diameter | lux | diameter | lux | diameter |
| White        | 1822 | 7,67     | 455 | 15,35    | 202 | 23,02    | 114 | 30,69    |

MIN ZOOM

Beam Opening

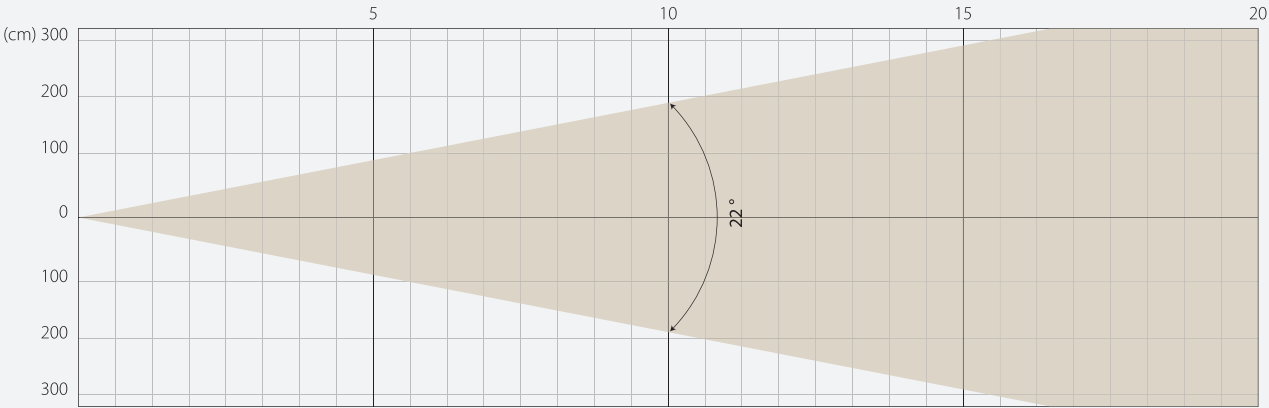


Intensity

| Distance (m) | 5     |          | 10    |          | 15   |          | 20   |          |
|--------------|-------|----------|-------|----------|------|----------|------|----------|
| unit         | lux   | diameter | lux   | diameter | lux  | diameter | lux  | diameter |
| White        | 62312 | 0,54     | 15578 | 1,08     | 6924 | 1,62     | 3894 | 2,17     |

MIDDLE ZOOM

Beam Opening

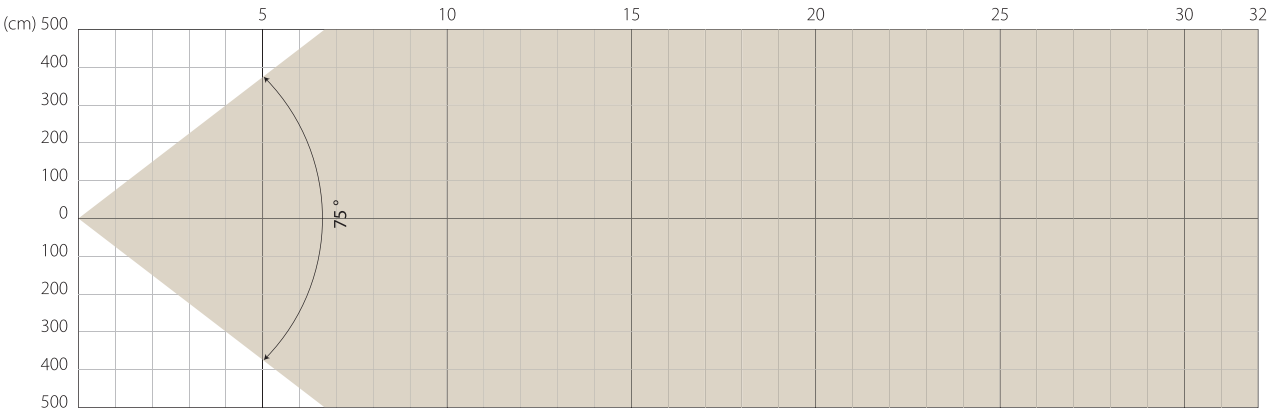


Intensity

| Distance (m) | 5    |          | 10   |          | 15  |          | 20  |          |
|--------------|------|----------|------|----------|-----|----------|-----|----------|
| unit         | lux  | diameter | lux  | diameter | lux | diameter | lux | diameter |
| White        | 7523 | 1,94     | 1881 | 3,89     | 836 | 5,83     | 470 | 7,78     |

MAX ZOOM

Beam Opening



Intensity

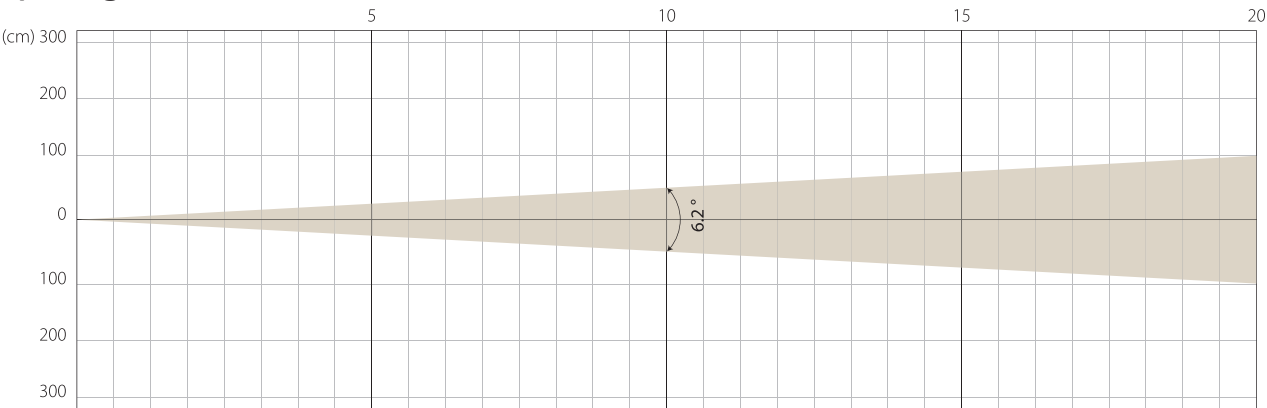
| Distance (m) | 5    |          | 10  |          | 15  |          | 20  |          |
|--------------|------|----------|-----|----------|-----|----------|-----|----------|
| unit         | lux  | diameter | lux | diameter | lux | diameter | lux | diameter |
| White        | 1265 | 7,67     | 316 | 15,35    | 141 | 23,02    | 79  | 30,69    |

# SUPER SILENCE MODE

NATIVE CRI GREATER THAN 80

MIN ZOOM

## Beam Opening

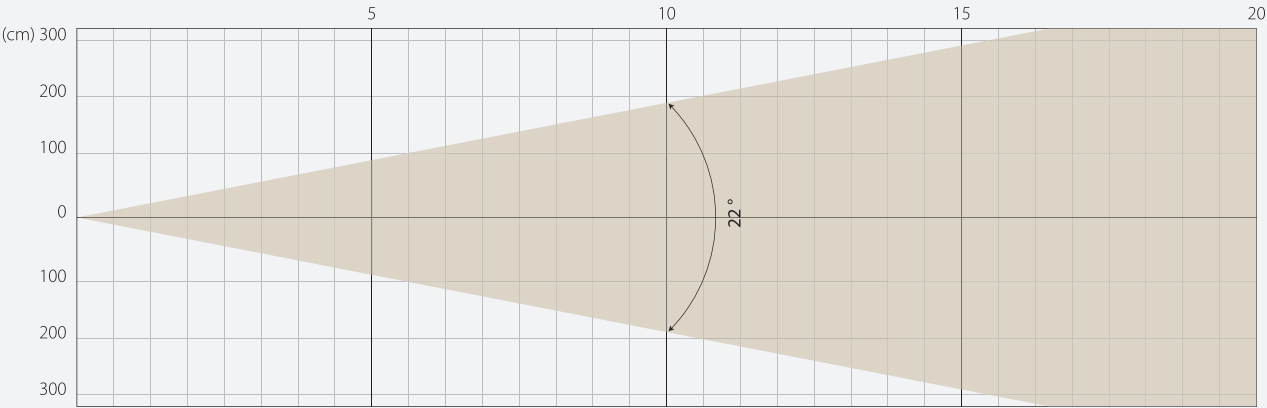


## Intensity

| Distance (m) | 5     |          | 10   |          | 15   |          | 20   |          |
|--------------|-------|----------|------|----------|------|----------|------|----------|
| unit         | lux   | diameter | lux  | diameter | lux  | diameter | lux  | diameter |
| White        | 36289 | 0,54     | 9072 | 1,08     | 4032 | 1,62     | 2268 | 2,17     |

MIDDLE ZOOM

## Beam Opening

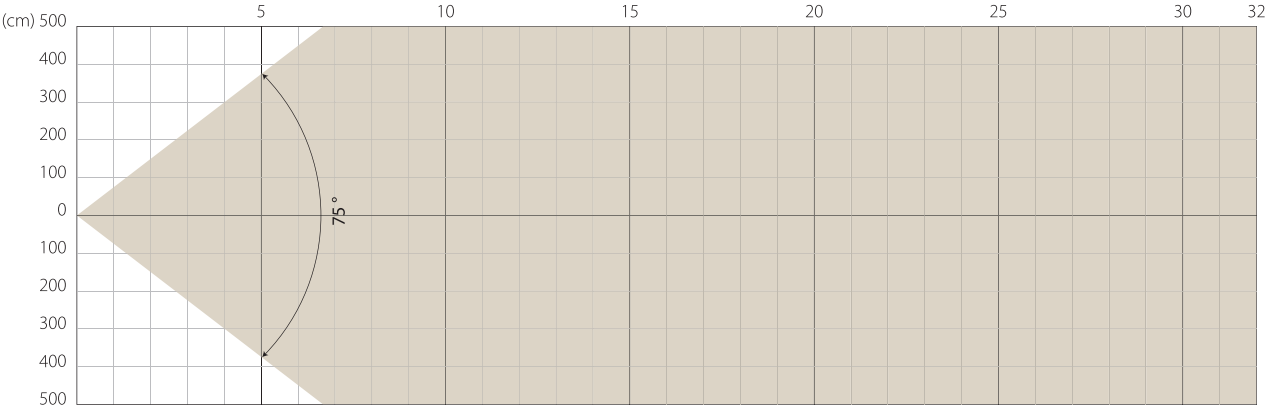


## Intensity

| Distance (m) | 5    |          | 10   |          | 15  |          | 20  |          |
|--------------|------|----------|------|----------|-----|----------|-----|----------|
| unit         | lux  | diameter | lux  | diameter | lux | diameter | lux | diameter |
| White        | 4484 | 1,94     | 1121 | 3,89     | 498 | 5,83     | 280 | 7,78     |

MAX ZOOM

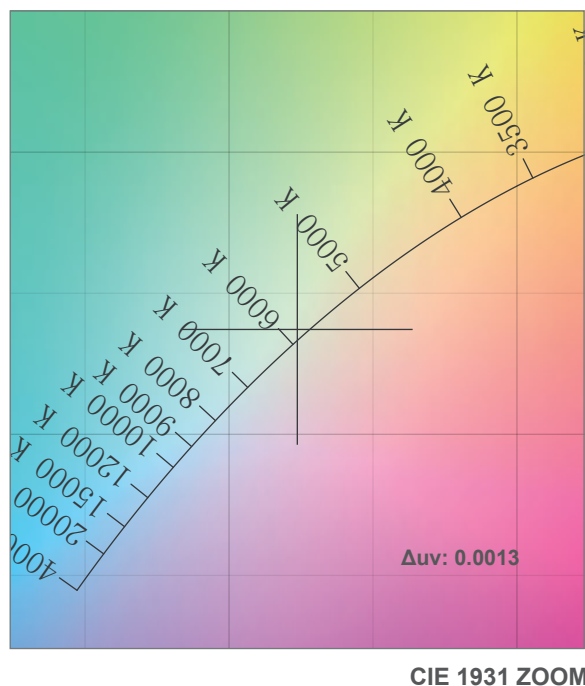
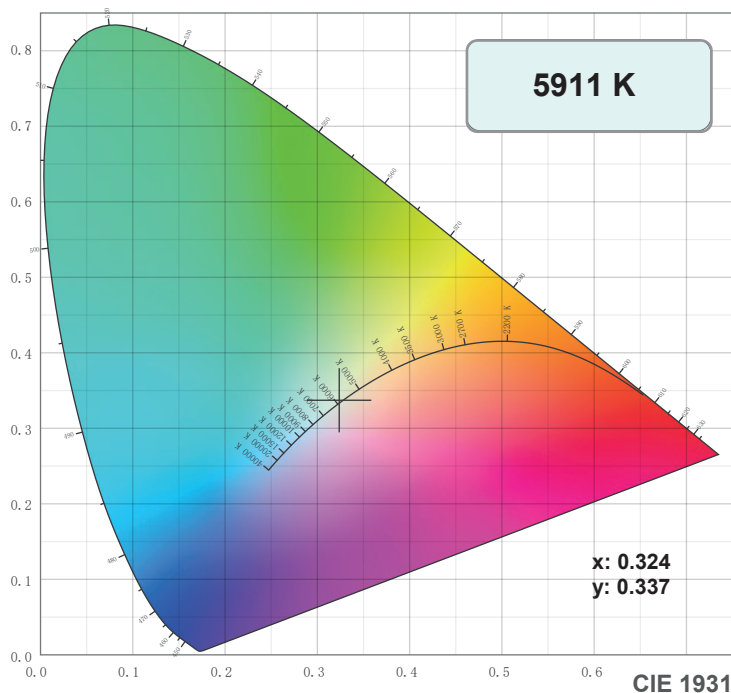
## Beam Opening



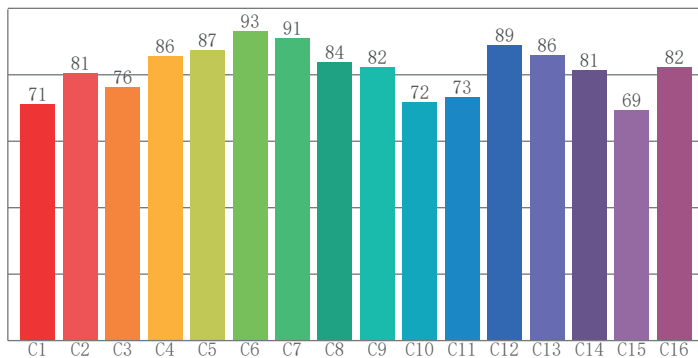
## Intensity

| Distance (m) | 5   |          | 10  |          | 15  |          | 20  |          |
|--------------|-----|----------|-----|----------|-----|----------|-----|----------|
| unit         | lux | diameter | lux | diameter | lux | diameter | lux | diameter |
| White        | 730 | 7,67     | 182 | 15,35    | 81  | 23,02    | 46  | 30,69    |

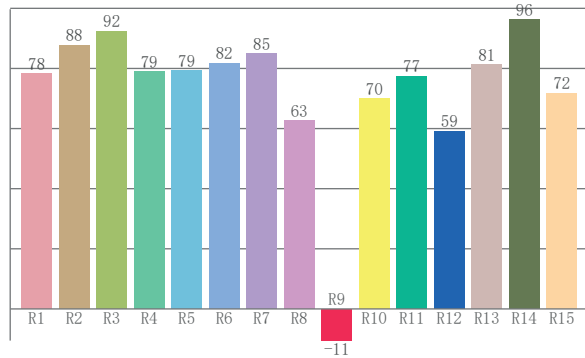
# COLOR DETAILS



TM-30: 81.3



CRI: 80.8 (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  |
|------|------|------|------|------|------|------|------|-------|------|------|------|------|------|------|
| 78.3 | 87.8 | 92.4 | 79.0 | 79.2 | 81.8 | 85.0 | 62.6 | -10.5 | 70.0 | 77.4 | 59.1 | 81.2 | 96.2 | 71.8 |

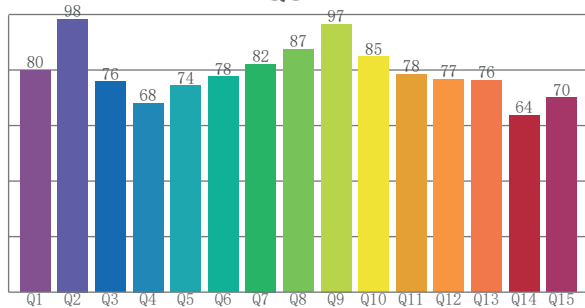
TM30 C values, 16 binned values out of total of 99 C values

| C1   | C2   | C3   | C4   | C5   | C6   | C7   | C8   | C9   | C10  | C11  | C12  | C13  | C14  | C15  | C16  |
|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 71.2 | 80.6 | 76.4 | 85.6 | 87.4 | 93.2 | 90.9 | 83.9 | 82.4 | 71.7 | 73.3 | 88.8 | 85.8 | 81.3 | 69.4 | 82.3 |

CQS Q values

| Q1   | Q2   | Q3   | Q4   | Q5   | Q6   | Q7   | Q8   | Q9   | Q10  | Q11  | Q12  | Q13  | Q14  | Q15  |
|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 79.9 | 98.4 | 75.8 | 68.2 | 74.3 | 77.6 | 82.2 | 87.4 | 96.6 | 84.8 | 78.5 | 76.5 | 76.3 | 63.6 | 70.0 |

CQS: 77.4



## 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                | $\Delta uv$                     |
| 5911 K            | 80.8                  | -10.5         | 81.3           | 93.0        | 77.4                | 0.324                     | 0.337                     | 0.202            | 0.316            | 0.0013                          |



# TM-30 DETAILS

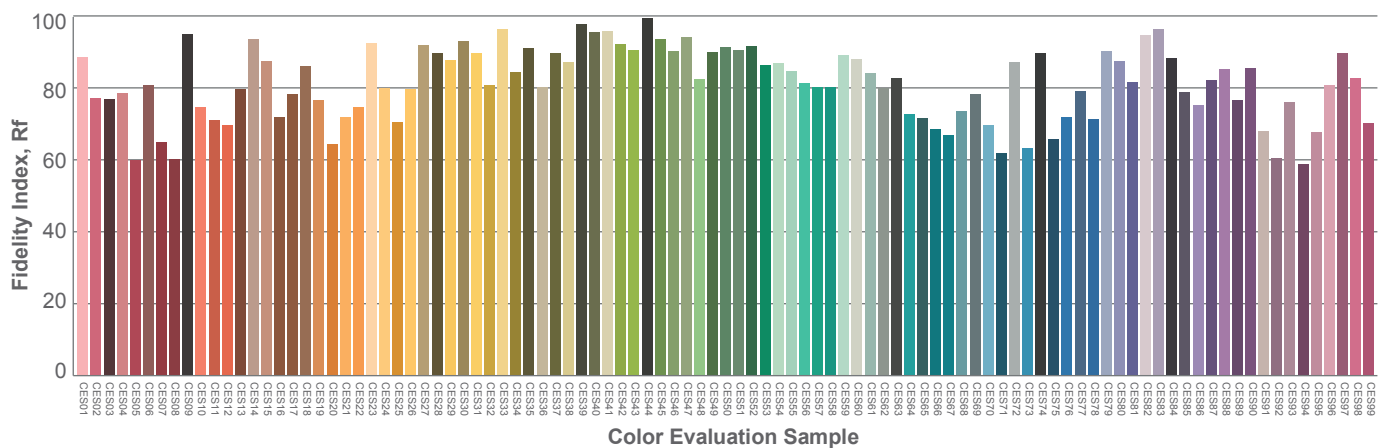
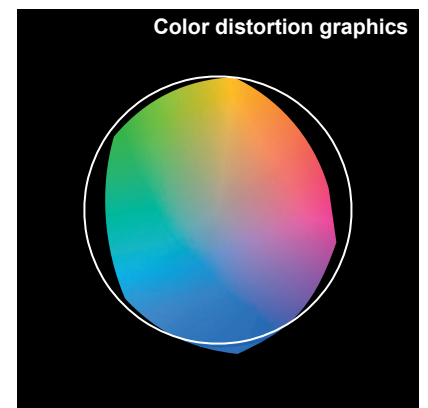
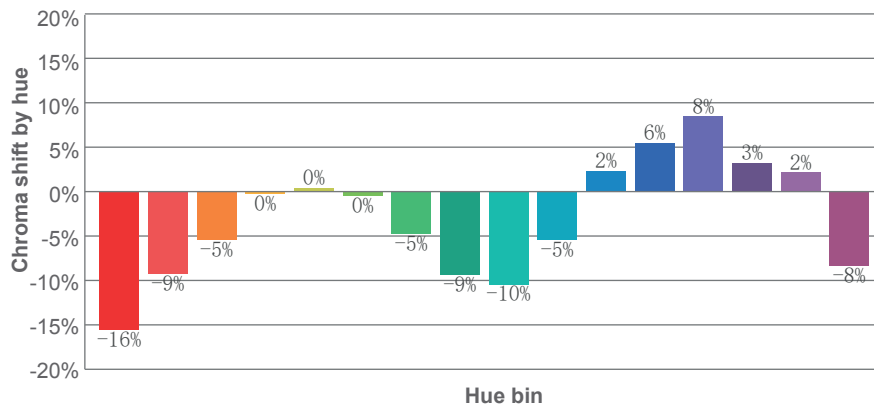
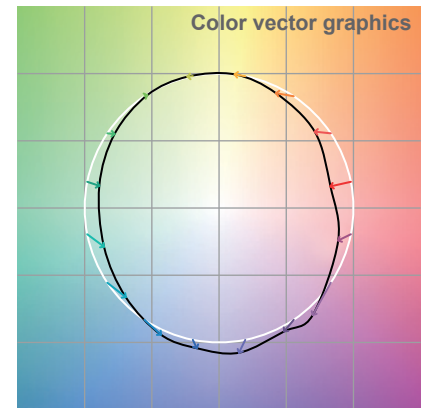
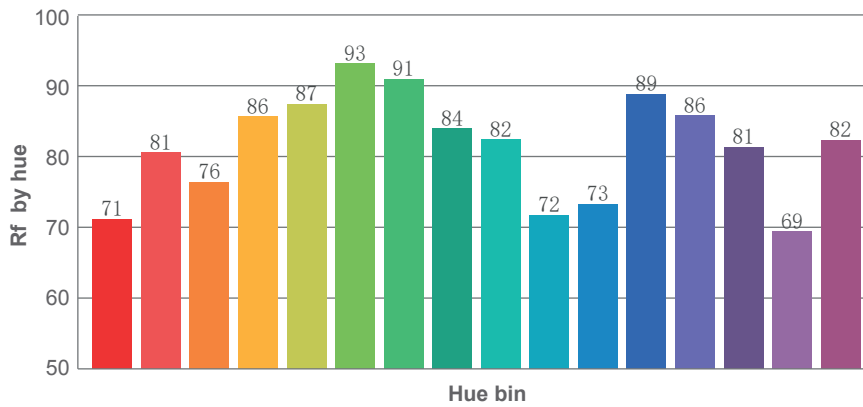
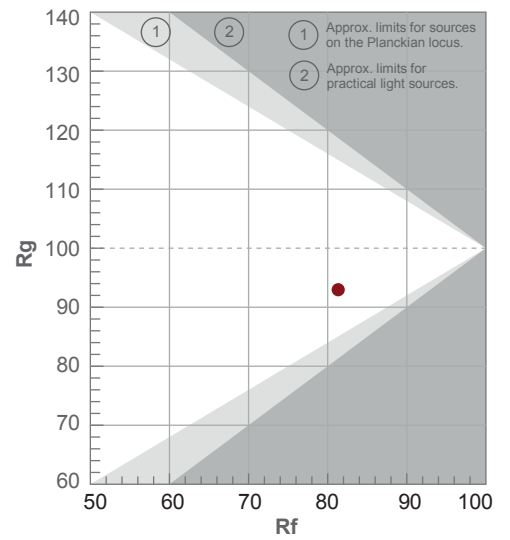
**Rf 81.3**

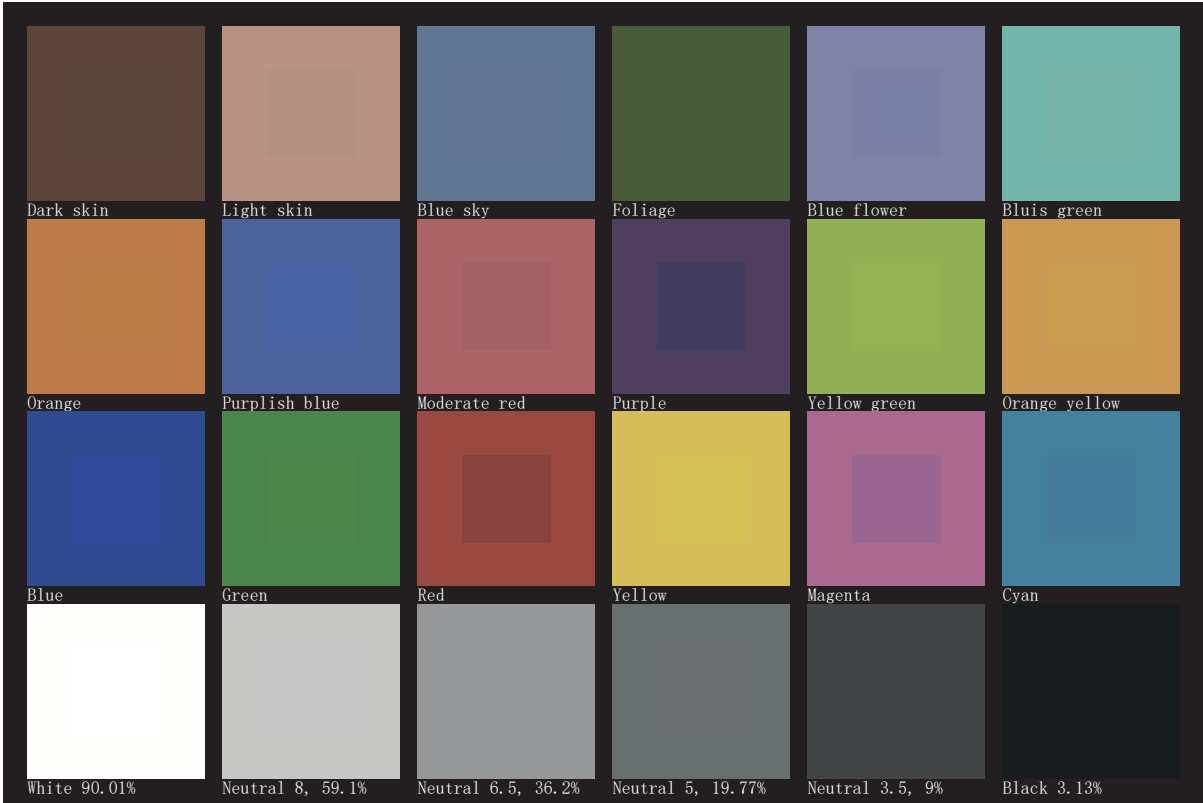
Fidelity index Rf

**Rg 93.0**

Gamut index Rg

| Hue Bin | R <sub>f</sub> | Shifts (%) |      |
|---------|----------------|------------|------|
|         |                | Chroma     | Hue  |
| 1       | 71             | -16%       | 0%   |
| 2       | 81             | -9%        | 8%   |
| 3       | 76             | -5%        | 12%  |
| 4       | 86             | 0%         | 8%   |
| 5       | 87             | 0%         | 4%   |
| 6       | 93             | 0%         | -2%  |
| 7       | 91             | -5%        | -3%  |
| 8       | 84             | -9%        | 1%   |
| 9       | 82             | -10%       | 12%  |
| 10      | 72             | -5%        | 17%  |
| 11      | 73             | 2%         | 16%  |
| 12      | 89             | 6%         | 4%   |
| 13      | 86             | 8%         | -6%  |
| 14      | 81             | 3%         | -11% |
| 15      | 69             | 2%         | -27% |
| 16      | 82             | -8%        | -6%  |









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