

# VI2600 Spot&Profile(spot mode)

## ▶ Photometric Data(Minimum zoom)

### Luminaire specifications

Optical system: Zoom range from 7 to 48 degree @10%

Beam angle(50%): 6 degree

Field angle(10%): 7 degree

CRI: 82

CCT: 7000K

Tm30: Rf/80 Rg/94

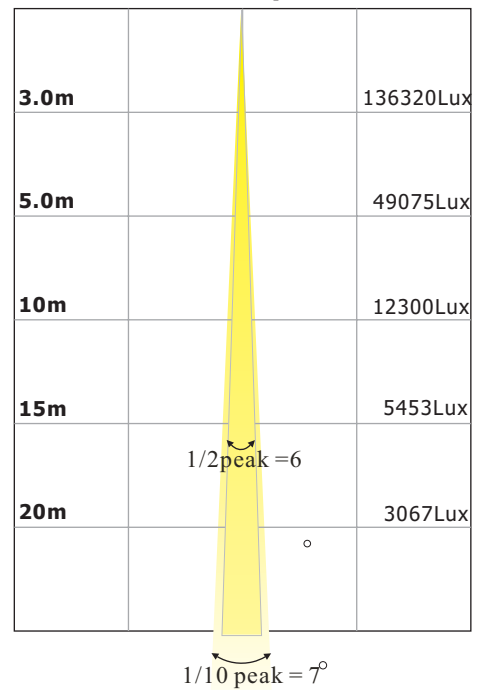
### Illuminance

| DISTANCE              | 3m         | 5m         | 10m        | 15m        |
|-----------------------|------------|------------|------------|------------|
| <b>COLOR</b>          | <b>Lux</b> | <b>Lux</b> | <b>Lux</b> | <b>Lux</b> |
| <b>7000K(Full on)</b> | 136320     | 49075      | 12300      | 5453       |

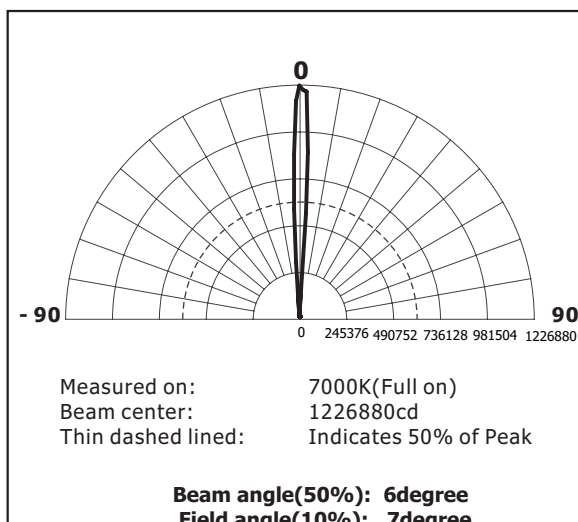
### Light output

| COLOR          | Total (lumens) | Power(watts) | Efficacy(lm/W) |
|----------------|----------------|--------------|----------------|
| 7000K(Full on) | 14200          | 685          | 21             |

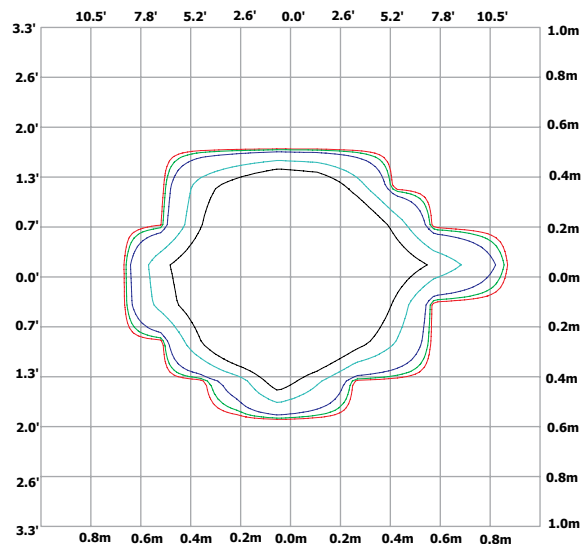
### Full intensity in 7000K



### Light distribution



### Isolux diagram



# VI2600 Spot&Profile(spot mode)

## ▶ Photometric Data(Medium zoom)

### Luminaire specifications

Optical system: Zoom range from 7 to 48 degree @10%  
 Beam angle(50%): 20 degree  
 Field angle(10%): 22 degree  
 CRI: 82  
 CCT: 7000K  
 Tm30: Rf/80 Rg/94

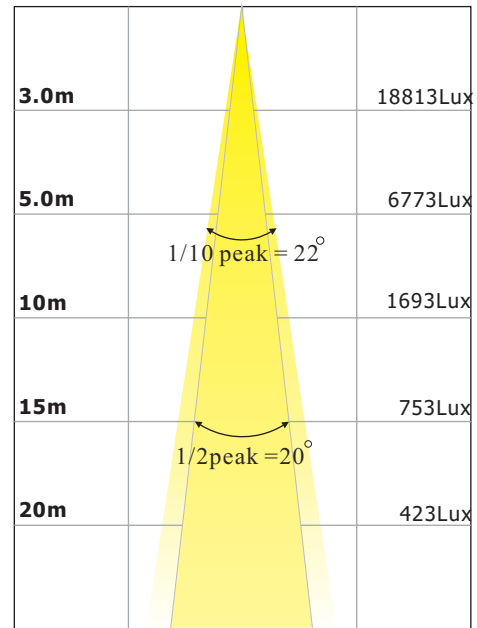
### Illuminance

| DISTANCE       | 3m    | 5m   | 10m  | 15m |
|----------------|-------|------|------|-----|
| COLOR          | Lux   | Lux  | Lux  | Lux |
| 7000K(Full on) | 18813 | 6773 | 1693 | 753 |

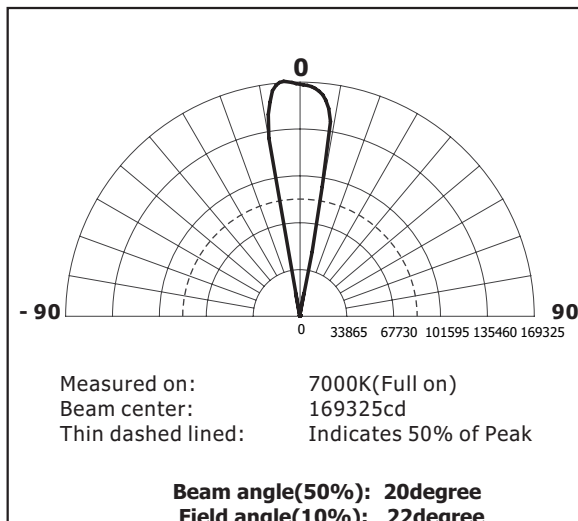
### Light output

| COLOR          | Total (lumens) | Power(watts) | Efficacy(lm/W) |
|----------------|----------------|--------------|----------------|
| 7000K(Full on) | 19102          | 685          | 28             |

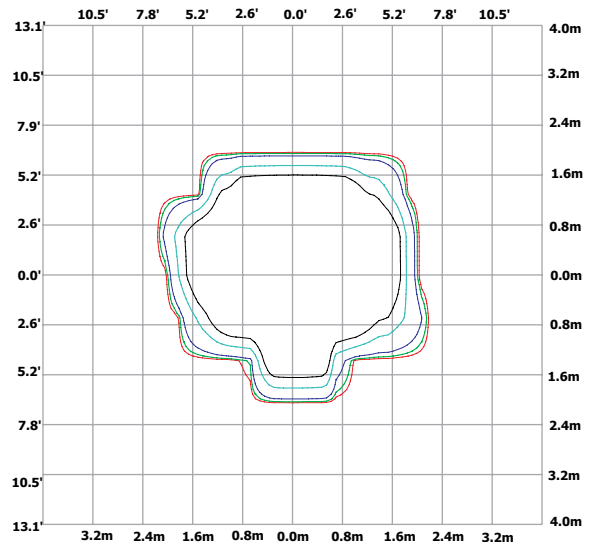
### Full intensity in 7000K



### Light distribution



### Isolux diagram



At 10m distance

|         |           |
|---------|-----------|
| 3% 51lx | 10% 169lx |
| 5% 85lx | 30% 508lx |
|         | 50% 847lx |

# VI2600 Spot&Profile(spot mode)

## ▶ Photometric Data(Maximum zoom)

### Luminaire specifications

Optical system: Zoom range from 7 to 48 degree @10%

Beam angle(50%): 45 degree

Field angle(10%): 48 degree

CRI: 82

CCT: 7000K

Tm30: Rf/80 Rg/94

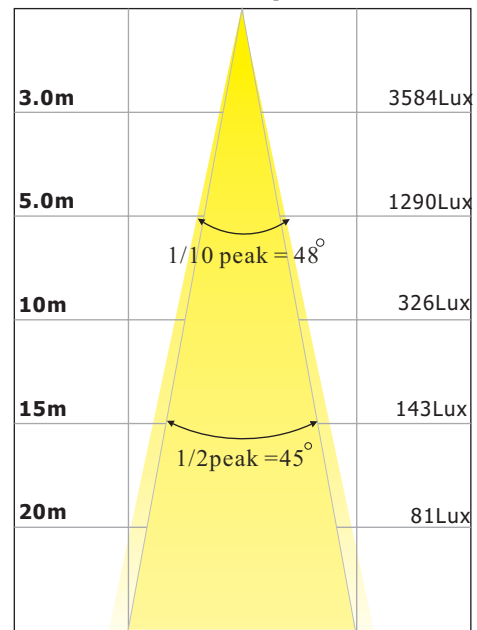
### Illuminance

| DISTANCE              | 3m         | 5m         | 10m        | 15m        |
|-----------------------|------------|------------|------------|------------|
| <b>COLOR</b>          | <b>Lux</b> | <b>Lux</b> | <b>Lux</b> | <b>Lux</b> |
| <b>7000K(Full on)</b> | 3584       | 1290       | 326        | 143        |

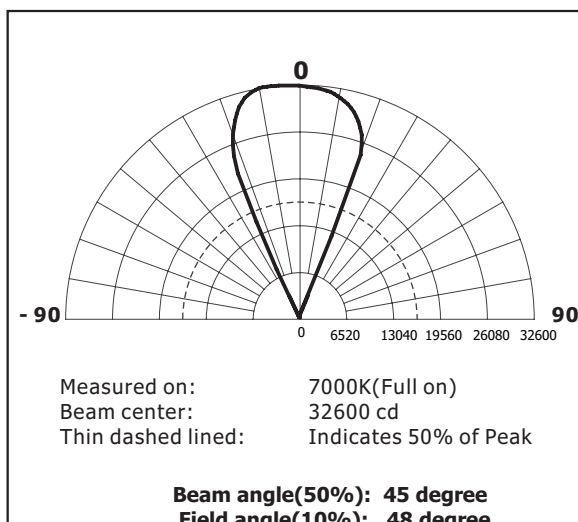
### Light output

| COLOR          | Total (lumens) | Power(watts) | Efficacy(lm/W) |
|----------------|----------------|--------------|----------------|
| 7000K(Full on) | 16476          | 685          | 24             |

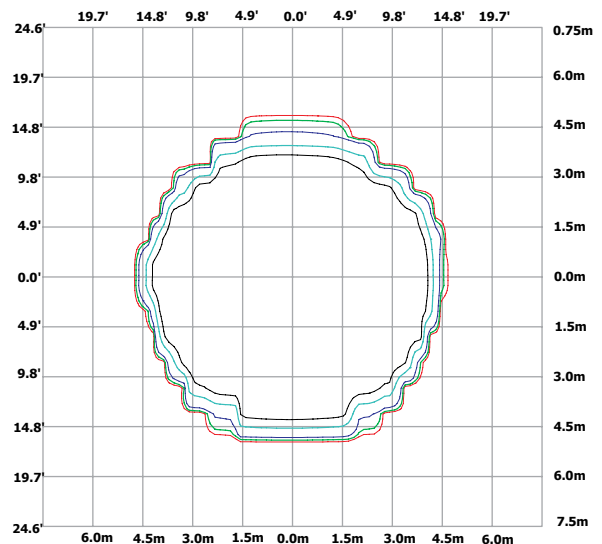
### Full intensity in 7000K



### Light distribution



### Isolux diagram



At 10m distance

- 3% 10 lx
- 5% 16 lx
- 10% 33 lx
- 30% 98 lx
- 50% 163lx

# VI2600 Spot&Profile(Frost)

## ▶ Photometric Data(Minimum zoom)

### Luminaire specifications

Optical system: Zoom lens system from 7degree to 48degree(10%)  
 Beam angle(50%): 5 degree  
 Field angle(10%): 8 degree  
 CRI: 82  
 CCT: 7000K  
 Tm30: Rf/80 Rg/94

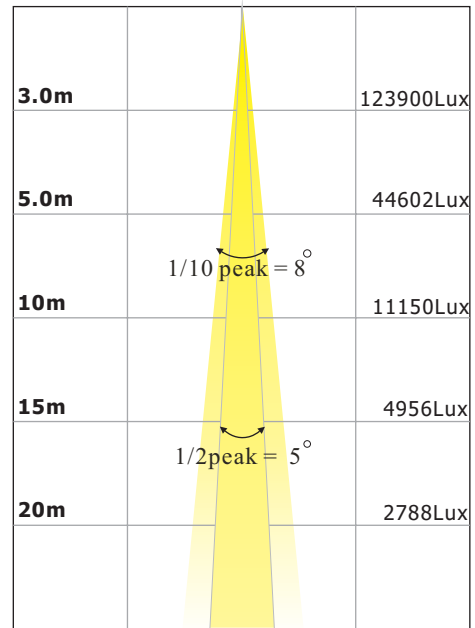
### Illuminance

| DISTANCE       | 3m     | 5m    | 10m   | 15m  |
|----------------|--------|-------|-------|------|
| COLOR          | Lux    | Lux   | Lux   | Lux  |
| 7000K(Full on) | 123900 | 44602 | 11150 | 4956 |

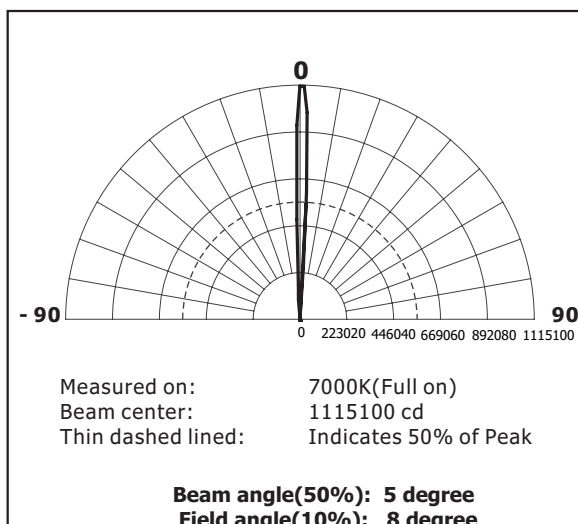
### Light output

| COLOR          | Total (lumens) | Power(watts) | Efficacy(lm/W) |
|----------------|----------------|--------------|----------------|
| 7000K(Full on) | 12310          | 685          | 18             |

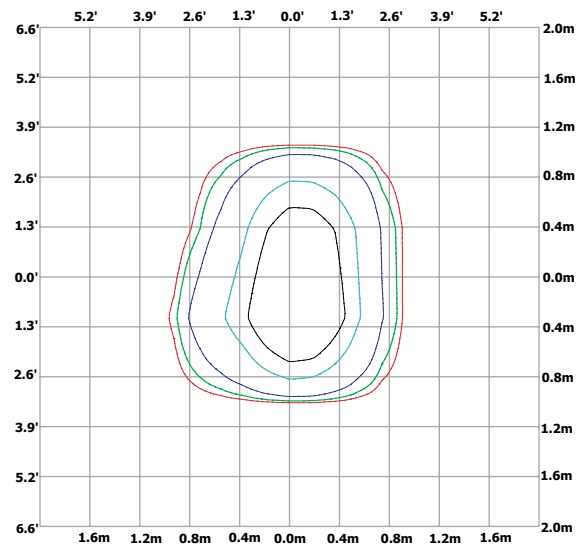
### Full intensity in 7000K



### Light distribution



### Isolux diagram



At 10m distance

- 3% 335 lx
- 5% 558 lx
- 10% 1115lx
- 30% 3345lx
- 50% 5575lx

# VI2600 Spot&Profile(Frost)

## ▶ Photometric Data(Medium zoom)

### Luminaire specifications

Optical system: Zoom lens system from 7degree to 48degree(10%)  
 Beam angle(50%): 19 degree  
 Field angle(10%): 25 degree  
 CRI: 82  
 CCT: 7000K  
 Tm30: Rf/80 Rg/94

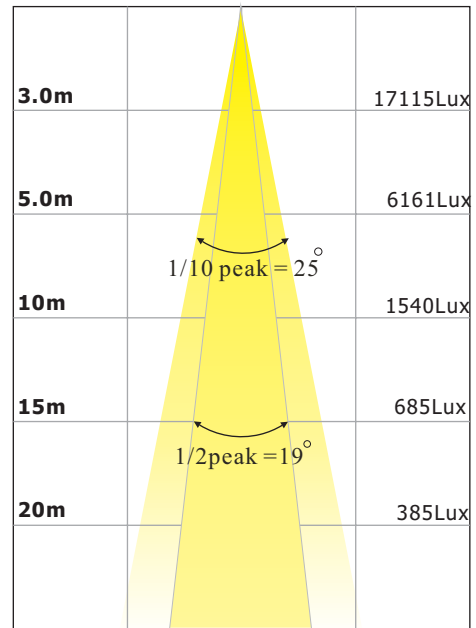
### Illuminance

| DISTANCE       | 3m    | 5m   | 10m  | 15m |
|----------------|-------|------|------|-----|
| COLOR          | Lux   | Lux  | Lux  | Lux |
| 7000K(Full on) | 17115 | 6161 | 1540 | 685 |

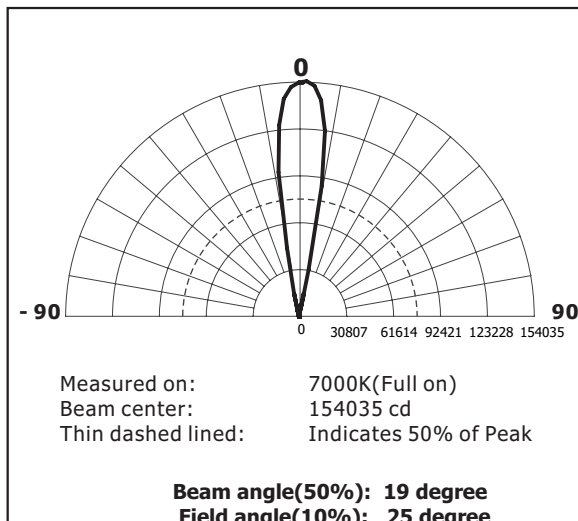
### Light output

| COLOR          | Total (lumens) | Power(watts) | Efficacy(lm/W) |
|----------------|----------------|--------------|----------------|
| 7000K(Full on) | 16270          | 685          | 24             |

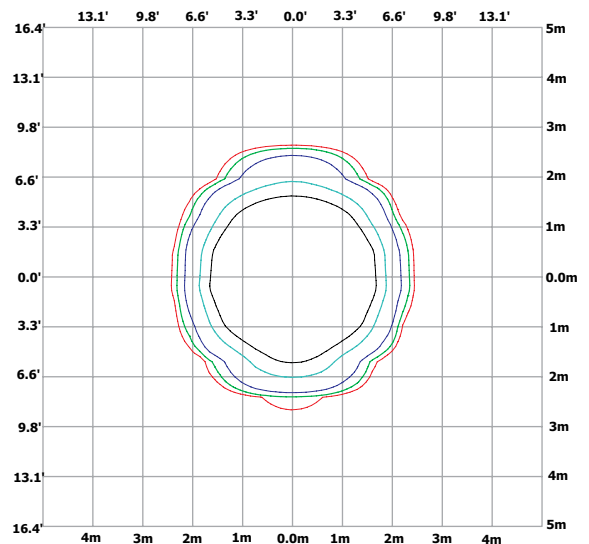
### Full intensity in 7000K



### Light distribution



### Isolux diagram



At 10m distance

- 3% 46 lx
- 5% 77 lx
- 10% 154lx
- 30% 462lx
- 50% 770lx

# VI2600 Spot&Profile(Frost)

## ▶ Photometric Data(Maximum zoom)

### Luminaire specifications

Optical system: Zoom lens system from 7degree to 48degree(10%)  
 Beam angle(50%): 42 degree  
 Field angle(10%): 54 degree  
 CRI: 82  
 CCT: 7000K  
 Tm30: Rf/80 Rg/94

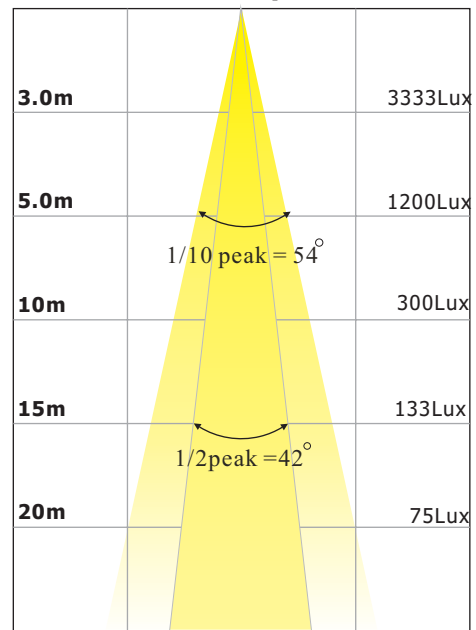
### Illuminance

| DISTANCE       | 3m   | 5m   | 10m | 15m |
|----------------|------|------|-----|-----|
| COLOR          | Lux  | Lux  | Lux | Lux |
| 7000K(Full on) | 3333 | 1200 | 300 | 133 |

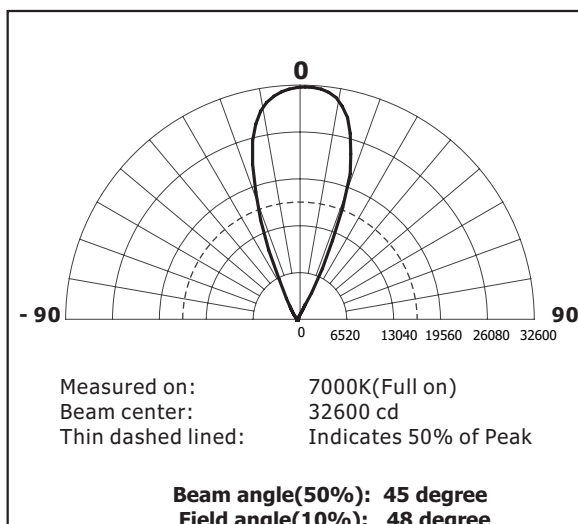
### Light output

| COLOR          | Total (lumens) | Power(watts) | Efficacy(lm/W) |
|----------------|----------------|--------------|----------------|
| 7000K(Full on) | 14583          | 685          | 21             |

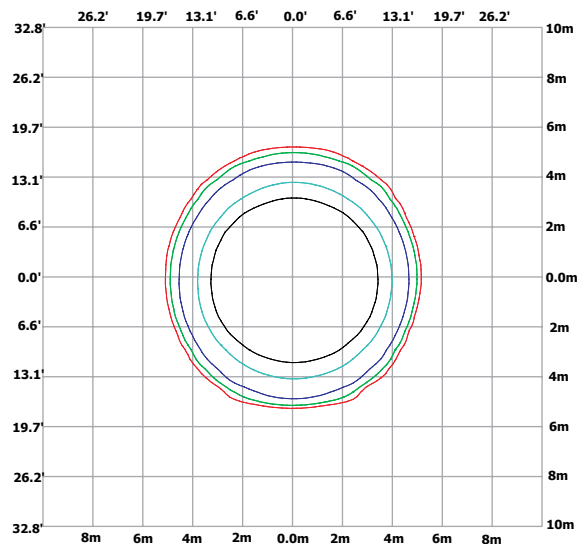
### Full intensity in 7000K



### Light distribution



### Isolux diagram



At 10m distance

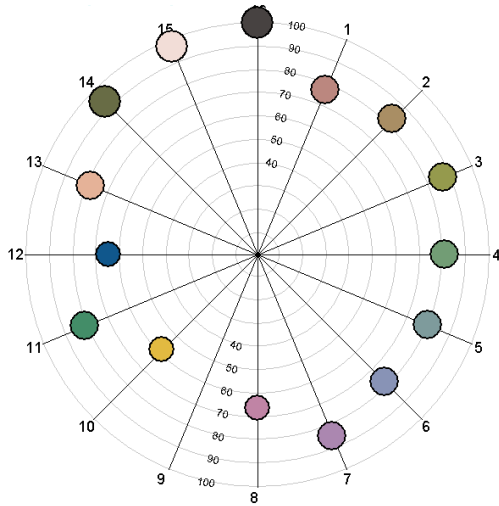
- 3% 9 lx
- 5% 15 lx
- 10% 30 lx
- 30% 90 lx
- 50% 150 lx

# VI2600 Spot&Profile

## Color Rendering Index (CIE Tech 13.3 1994 (1995))

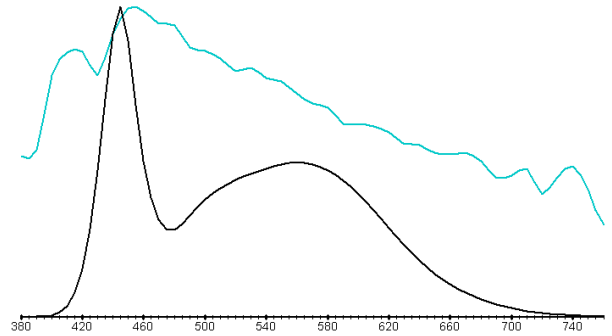
VL2600\_Spot CCT : D7858 (-0.0)

**CRI : 82 (D7858)**



Individual R values, only highlight colours are included in Ra

| Index | Color Name                | R Value |
|-------|---------------------------|---------|
| 1     | Light greyish red         | 77      |
| 2     | Dark greyish yellow       | 82      |
| 3     | Strong yellow green       | 86      |
| 4     | Moderate yellowish green  | 81      |
| 5     | Light bluish green        | 79      |
| 6     | Light blue                | 77      |
| 7     | Light violet              | 85      |
| 8     | Light reddish purple      | 66      |
| 10    | Strong red                | -15     |
| 11    | Strong yellow             | 58      |
| 12    | Strong green              | 80      |
| 13    | Strong blue               | 64      |
| 14    | Light yellowish purple    | 78      |
| 15    | Moderate olive green      | 93      |
| 16    | Colorchecker White 90.01% | 96      |
| 16    | Colorchecker Black 3.13%  | 99      |

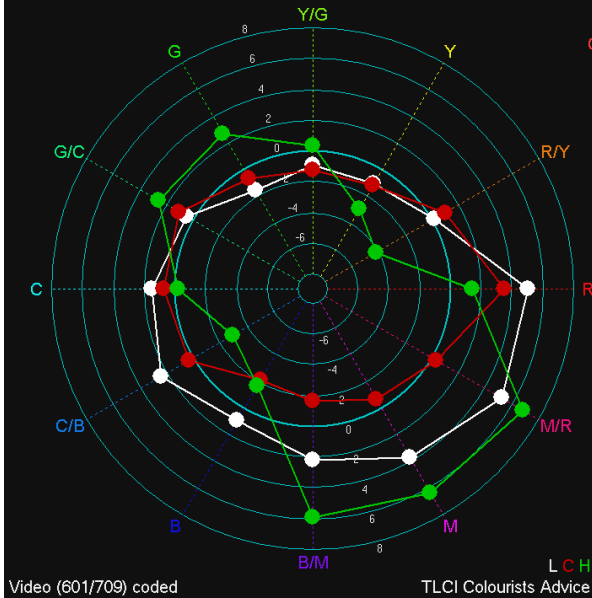


05/09/2018

Test = 'VL2600\_Spot' : CCT D7858 (-0.0)

Ref = D7858

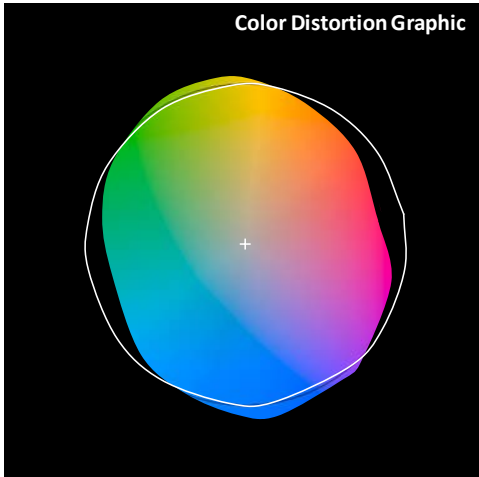
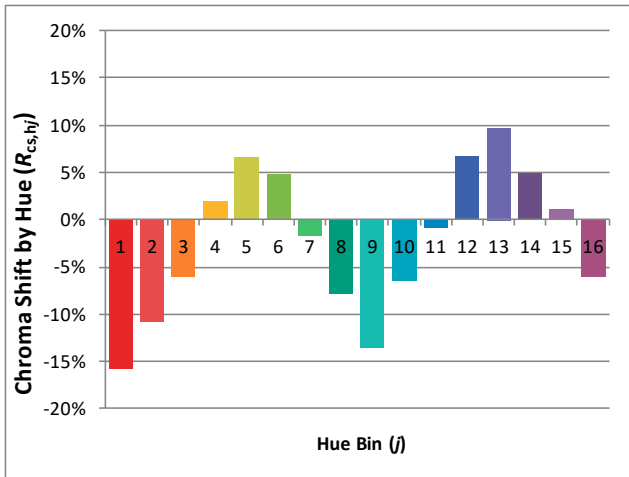
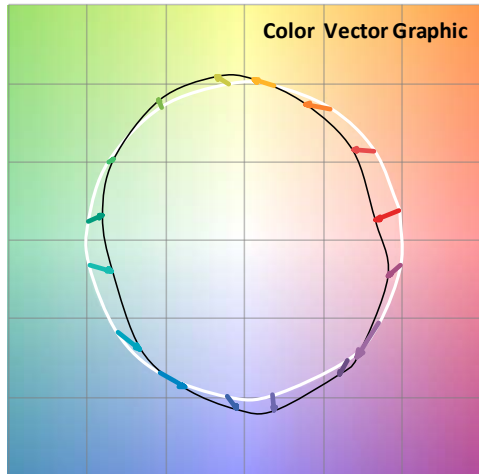
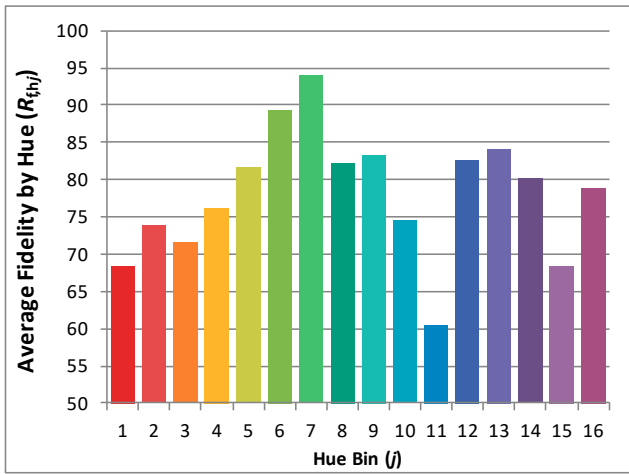
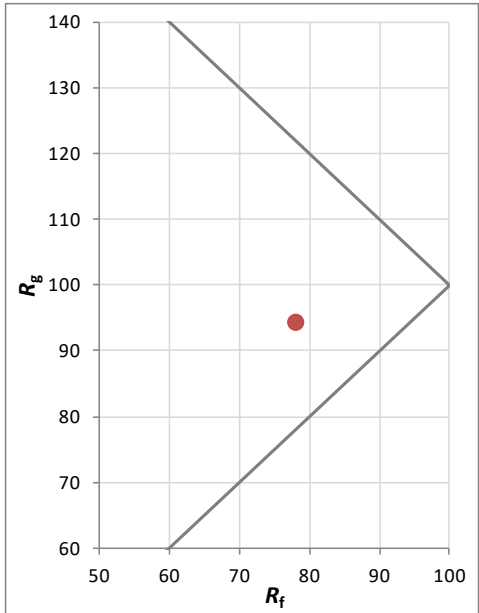
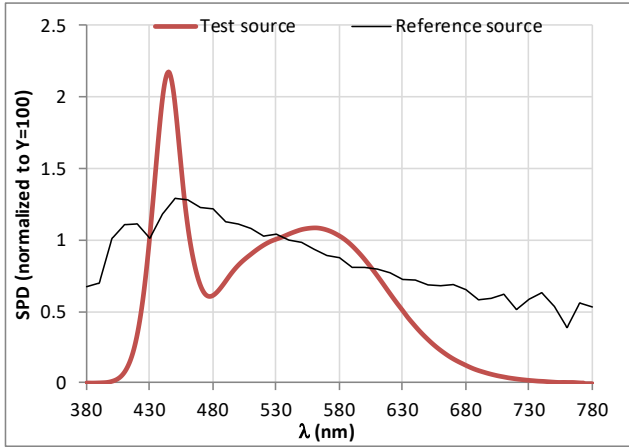
Qa = 57



| Ref                  | Test | dL*     | dC*     | dH*     | dE*    | Q      |
|----------------------|------|---------|---------|---------|--------|--------|
| Dark skin 1          |      | -0.4241 | -1.2056 | +1.8033 | 2.2102 | 70.223 |
| Light skin 2         |      | -0.7924 | -0.8607 | +1.8772 | 2.2119 | 70.185 |
| Blue sky 3           |      | -0.0714 | +0.7357 | +2.1022 | 1.8835 | 77.590 |
| Foliage 4            |      | +0.3028 | +0.5373 | +0.1444 | 0.6335 | 97.931 |
| Blue flower 5        |      | -1.1424 | +1.2232 | -0.9841 | 2.1613 | 71.335 |
| Bluish green 6       |      | -0.2530 | -0.5483 | -1.3433 | 1.4728 | 86.201 |
| Orange 7             |      | +0.3036 | -0.2599 | +2.4893 | 2.5212 | 63.229 |
| Purplish blue 8      |      | -0.4275 | +1.3478 | +1.3091 | 1.2280 | 90.623 |
| Moderate red 9       |      | -1.7321 | -1.3577 | -0.7165 | 2.3145 | 67.859 |
| Purple 10            |      | -1.1012 | +0.9249 | -3.0478 | 3.4555 | 44.657 |
| Yellow green 11      |      | +0.7074 | +0.8044 | -0.4563 | 1.1643 | 91.654 |
| Orange yellow 12     |      | +0.6792 | +0.3833 | +2.7189 | 2.8285 | 56.611 |
| Blue 13              |      | -0.1947 | +1.3570 | +1.2869 | 1.3956 | 87.669 |
| Green 14             |      | +0.8222 | +0.3676 | -1.3960 | 1.6613 | 82.392 |
| Red 15               |      | -3.5260 | -2.2889 | -0.7081 | 4.2630 | 32.771 |
| Yellow 16            |      | +0.5552 | +0.6382 | +1.5692 | 1.7820 | 79.815 |
| Magenta 17           |      | -2.7084 | -0.1454 | -3.5561 | 4.4722 | 30.290 |
| Cyan 18              |      | -1.2593 | -0.1503 | +1.5063 | 2.0522 | 73.808 |
| White 90.01% 19      |      | +0.0355 | -0.8269 | -0.3928 | 0.9161 | 95.128 |
| Neutral 8.59.1% 20   |      | +0.0361 | -0.7015 | -0.3642 | 0.7912 | 96.522 |
| Neutral 6.5.36.2% 21 |      | +0.0374 | -0.5977 | -0.2988 | 0.6693 | 97.646 |
| Neutral 5.19.77% 22  |      | +0.0351 | -0.4950 | -0.2333 | 0.5484 | 98.527 |
| Neutral 3.5.9% 23    |      | +0.0209 | -0.3825 | -0.1748 | 0.4210 | 99.213 |
| Black 3.13% 24       |      | +0.0124 | -0.2748 | -0.1297 | 0.3041 | 99.638 |

# VI2600 Spot&Profile

|       |     |          |        |
|-------|-----|----------|--------|
| $R_f$ | 80  | CCT (K)  | 7851   |
| $R_g$ | 94  | $D_{uv}$ | 0.0030 |
|       |     | $u'$     | 0.1925 |
| LER   | 299 | $v'$     | 0.4556 |



\*\* All rights reserved. Improvement and changes to specifications, design and all contents in this catalog, may be made at any time without prior notice.

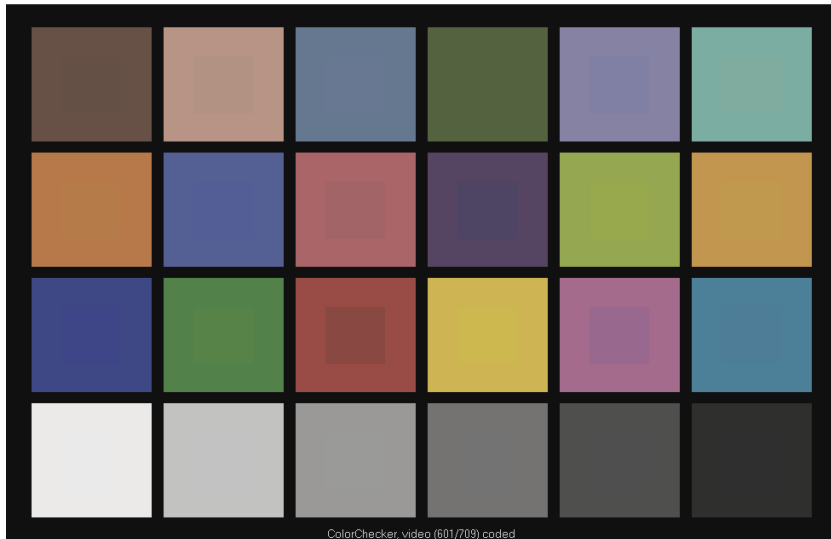


# VI2600 Spot&Profile

VL2600\_Spot: CCT = D7858 ( -0.0 )

TLCI-2012 : 59 (D7858)

## Television Lighting Consistency Index-2012



| Sector | Lightness | Chroma | Hue   |
|--------|-----------|--------|-------|
| R      | +++++     | +++    | +     |
| R/Y    | 0         | 0      | ----  |
| Y      | 0         | -      | --    |
| Y/G    | 0         | -      | 0     |
| G      | -         | 0      | ++    |
| G/C    | 0         | +      | ++    |
| C      | +         | 0      | 0     |
| C/B    | ++        | 0      | --    |
| B      | 0         | --     | -     |
| B/M    | ++        | -      | +++++ |
| M      | +++       | 0      | +++++ |
| M/R    | +++++     | 0      | +++++ |

