

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

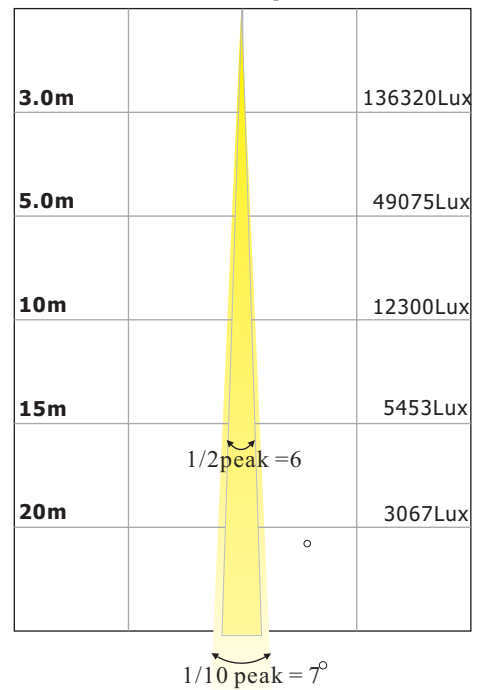
Illuminance

DISTANCE	3m	5m	10m	15m
COLOR	Lux	Lux	Lux	Lux
7000K(Full on)	136320	49075	12300	5453

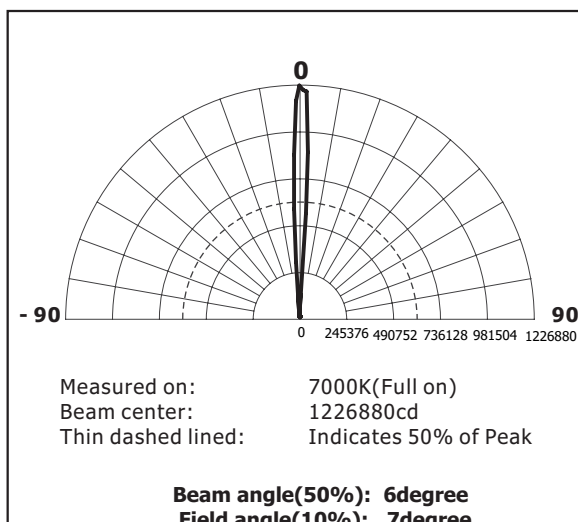
Light output

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

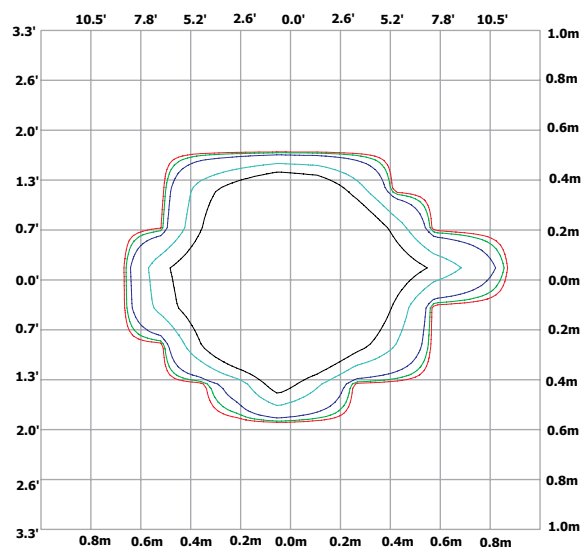
Full intensity in 7000K



Light distribution



Isolux diagram



At 10m distance

- 3% 369lx
- 5% 615lx
- 10% 1230lx
- 30% 3690lx
- 50% 6150lx

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

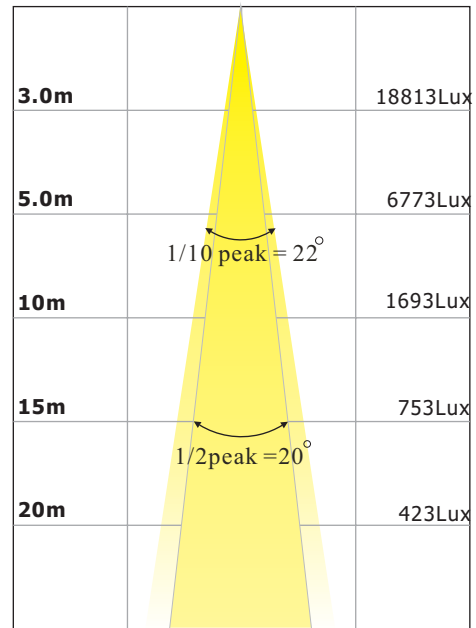
Illuminance

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

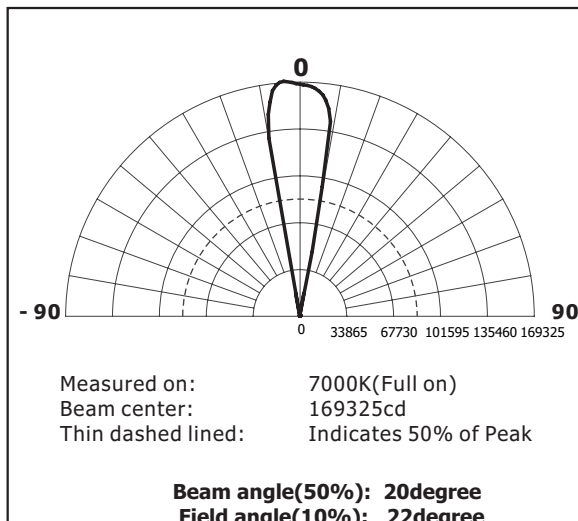
Light output

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

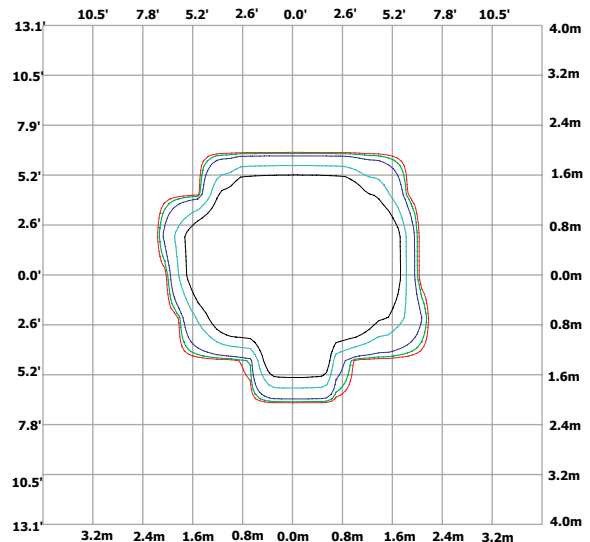
Full intensity in 7000K



Light distribution



Isolux diagram



At 10m distance

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

VI2600 Spot&Profile(spot mode)

▶ Photometric Data(Maximun 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

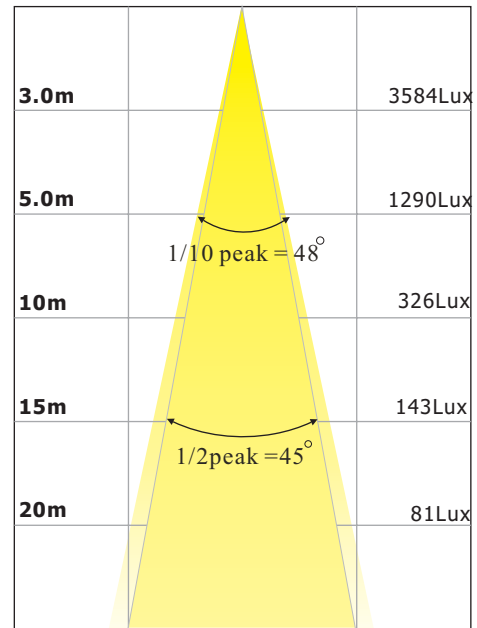
Illuminance

DISTANCE	3m	5m	10m	15m
COLOR	Lux	Lux	Lux	Lux
7000K(Full on)	3584	1290	326	143

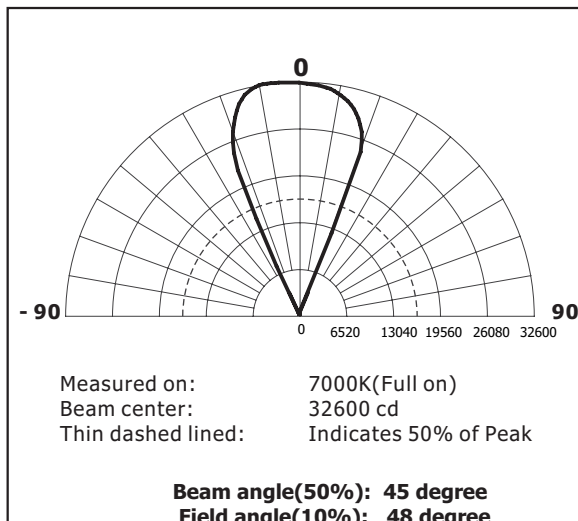
Light output

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

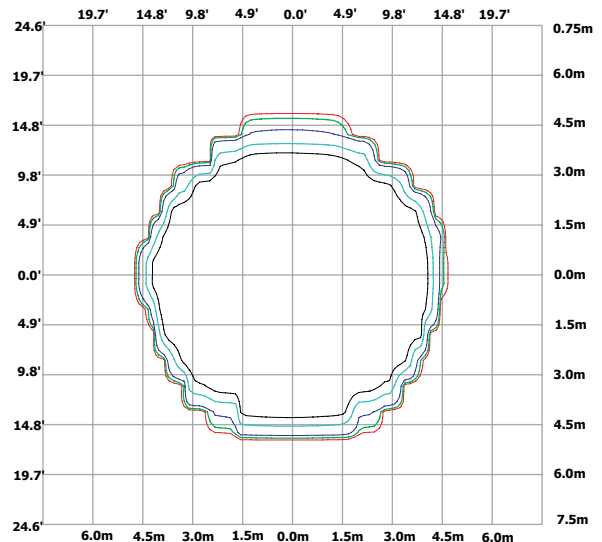
Full intensity in 7000K



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

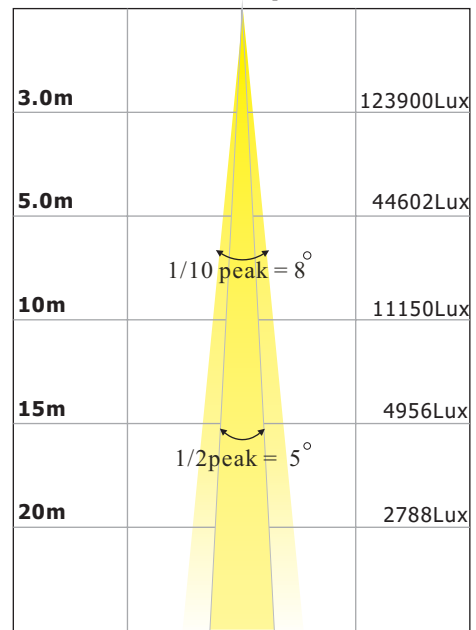
Illuminance

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

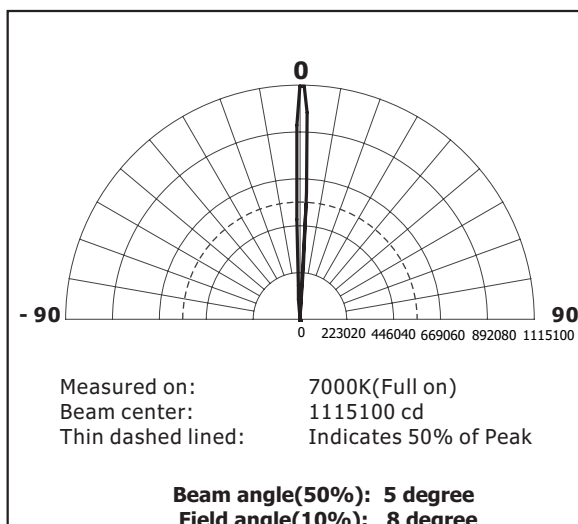
Light output

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

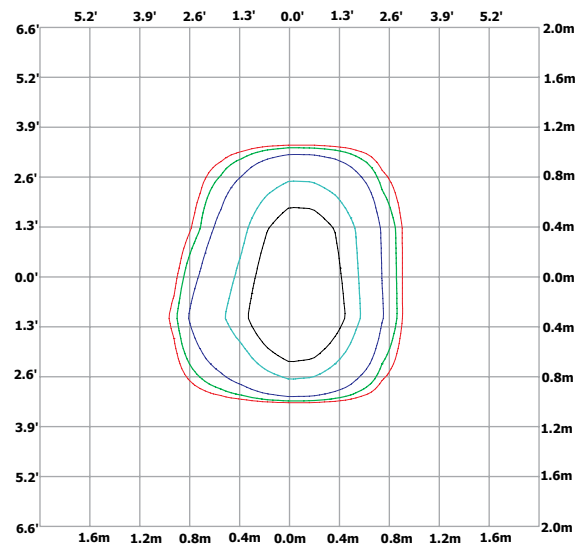
Full intensity in 7000K



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

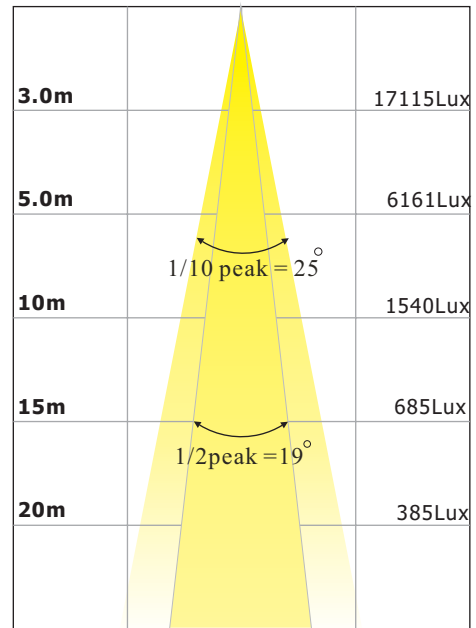
Illuminance

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

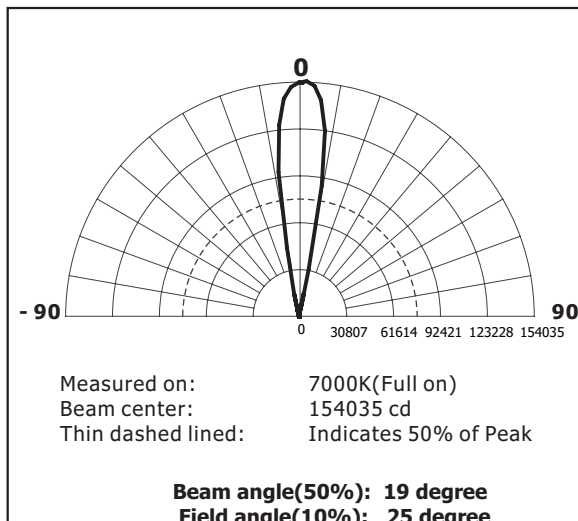
Light output

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

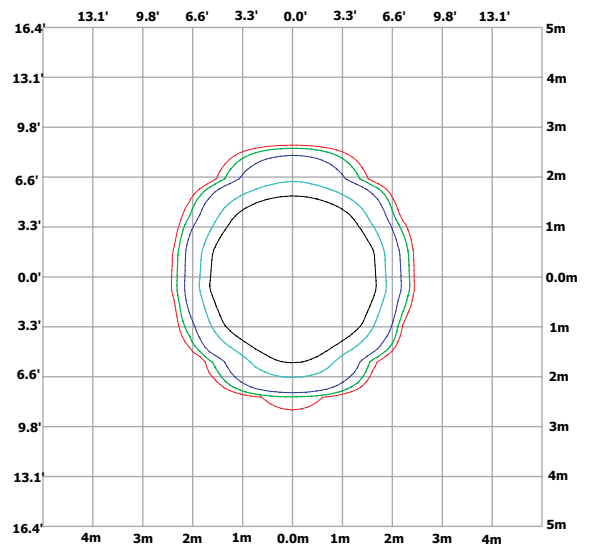
Full intensity in 7000K



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

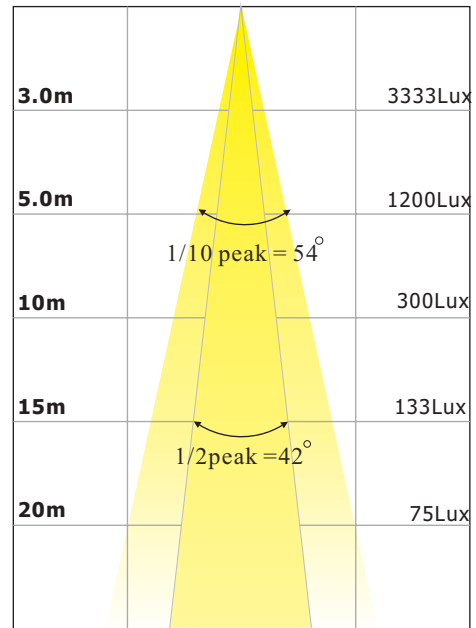
Illuminance

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

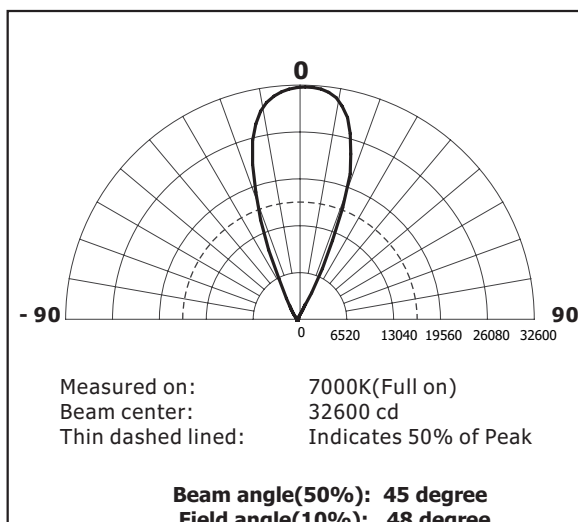
Light output

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

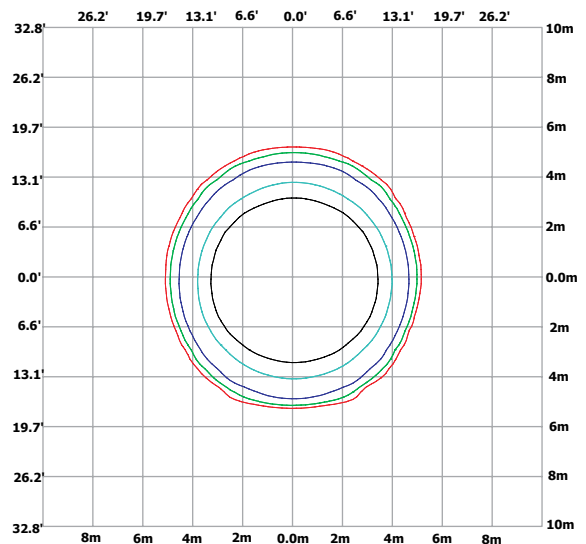
Full intensity in 7000K



Light distribution



Isolux diagram



At 10m distance

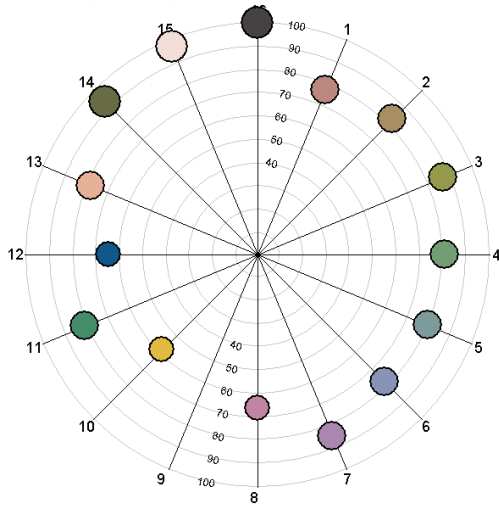
- 3% 9 lx
- 5% 15 lx
- 10% 30 lx
- 30% 90 lx
- 50% 150lx

VI2600 Spot&Profile

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

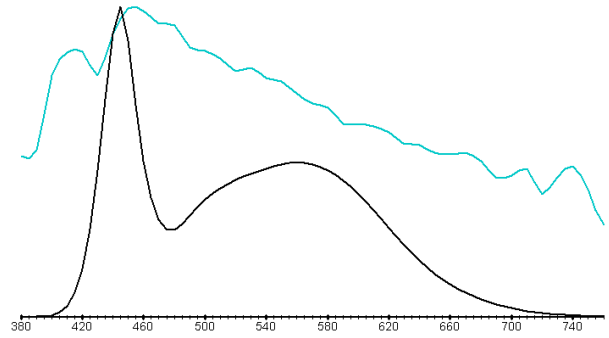
VL2600_Spot CCT : D7858 (-0.0)

CRI : 82 (D7858)



Individual R values, only highlight colours are included in Ra

Spot	Color	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	Colorchecker White 90.01%	96
16	Colorchecker Black 3.13%	99

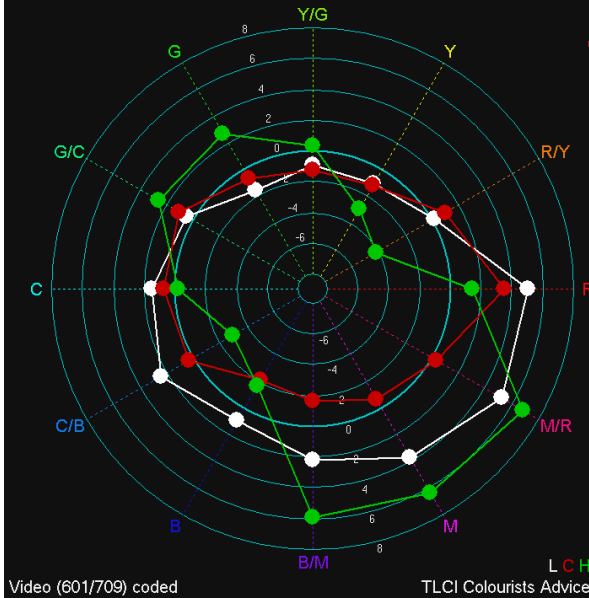


05/09/2018

Test = 'VL2600_Spot' : CCT D7858 (-0.0)

Ref = D7858

Qa = 57



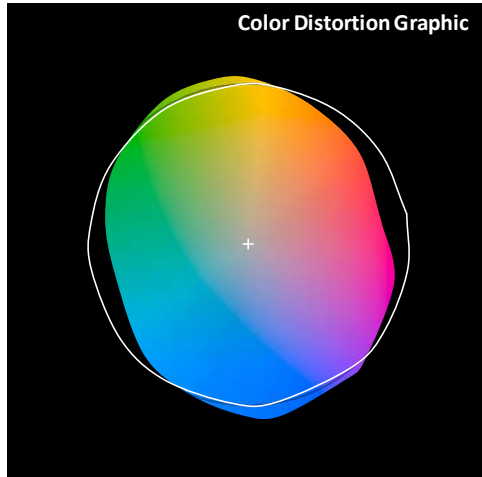
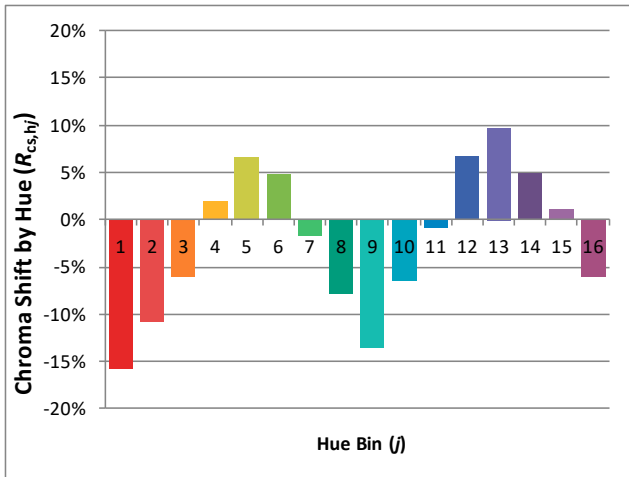
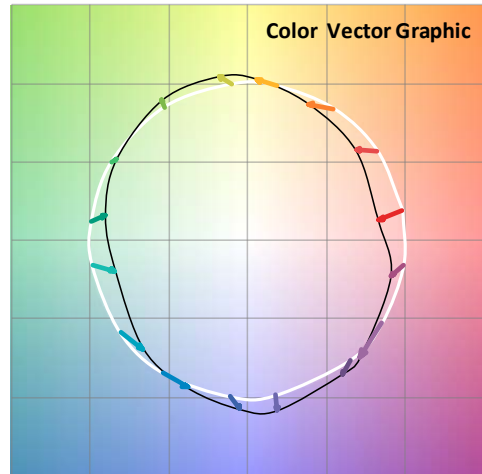
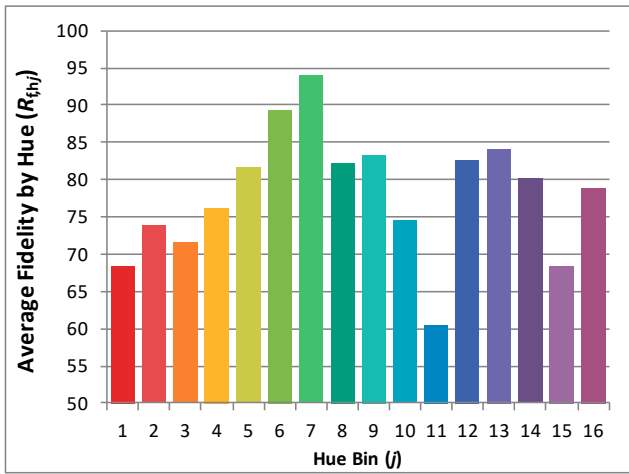
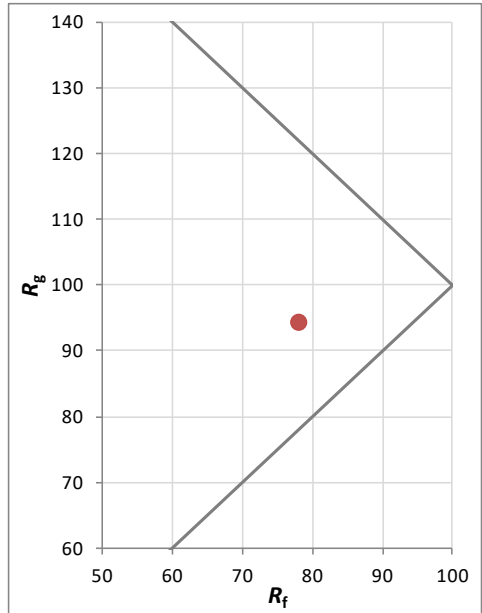
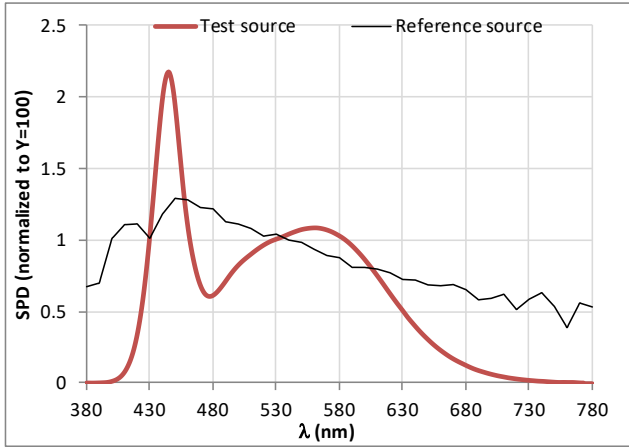
Ref	Test	dL*	dC*	dH*	dE*	Q
Dark skin 1		-0.4241	-1.2056	+1.8033	2.2102	70.223
Light skin 2		-0.7924	-0.8607	+1.8772	2.2119	70.185
Blue sky 3		-0.0714	+0.7357	+2.1022	1.8835	77.590
Foliage 4		+0.3028	+0.5373	+0.1444	0.6335	97.931
Blue flower 5		-1.1424	+1.2232	-0.9841	2.1613	71.335
Bluish green 6		-0.2530	-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

Video (601/709) coded

TLCI Colourists Advice

VI2600 Spot&Profile

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



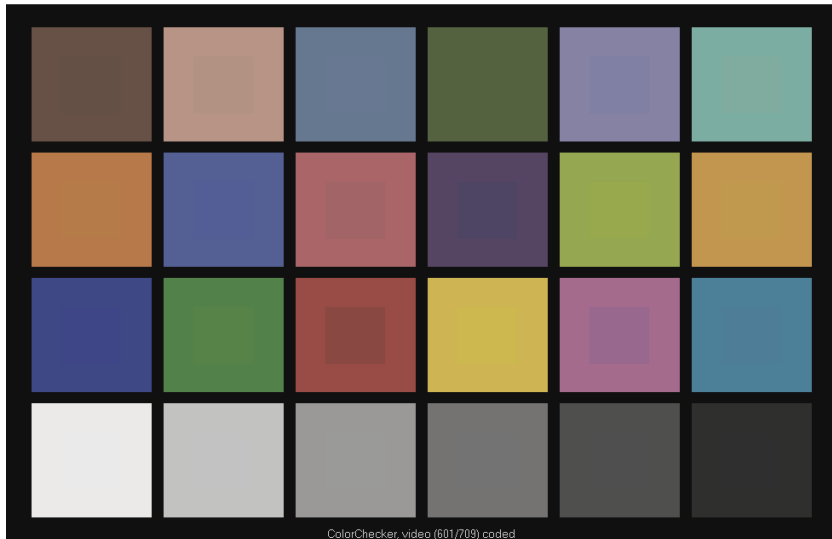
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VI2600 Spot&Profile

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	+++++

