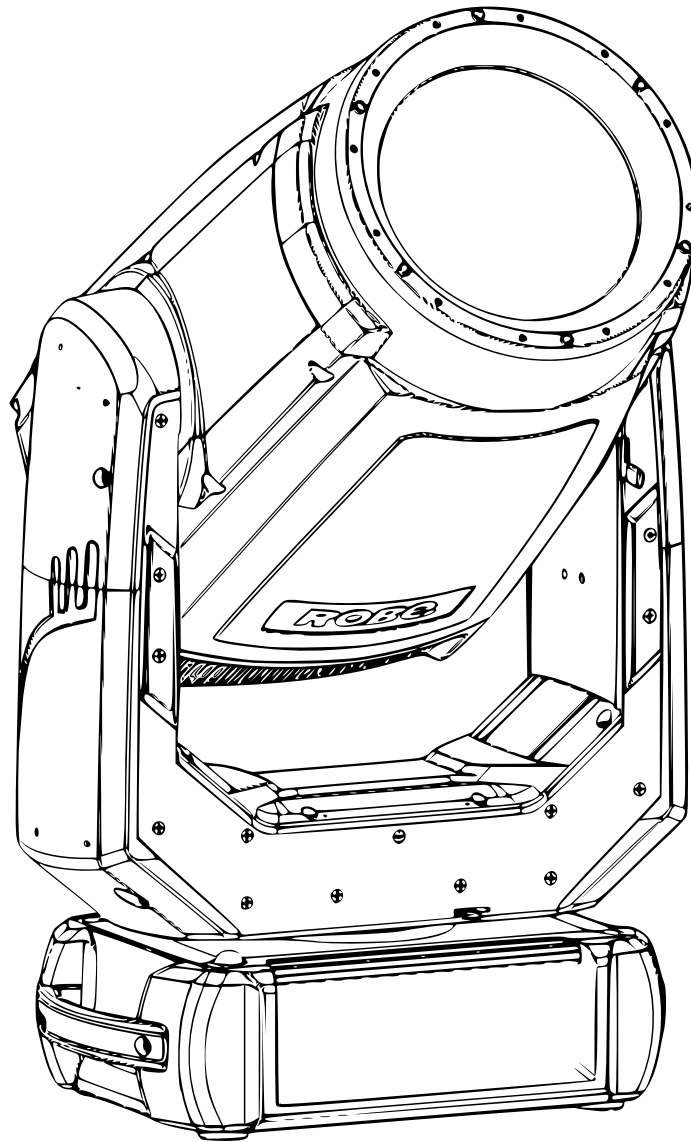


IESPRITE[®] LTL



ROBE[®] 

iEsprite LTL WB

Photometric report

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iEsprite LTL WB

Photometric report

Total Lumen output measurements

Total lumen output is measured by a Goniophotometer device according to EN 13032-1 within our state of the art ROBE lighting Ltd. photometric laboratory. We measure light emitted from the fixture at all radiating angles for minimum, maximum and mid zoom range. As a confirmation method we also measure lumens on the wall. Data from both measurements are processed in the software to calculate all photometric data. We provide photometric data in IES and LDT file and photometric report that includes spectrum, light distribution, TM30-15 and TLCI report.

Measurement conditions

For absolute consistency the Climate room temperature is 25°C. Fixtures are operated for at least 30 minutes for stabilization. Measurement angles used: -90° to +90° pan (-90° to +90° tilt), step 1°. A step angle of 10° is used for fixtures with elliptical or asymmetrical light output. Distances used are 5 m or 10 m.

All fixtures to produce the data are calibrated and checked for several photometric parameters, such as Intensity, CCT, CRI and duv, to meet all the specified values.

Equipment

Konica Minolta Illuminance Spectrophotometer CL-500A

Konica Minolta Illuminance Colour Meter CL-200A

Konica Minolta CRI Illuminance meter CL-70F

PRC Krochmann Radiolux 111

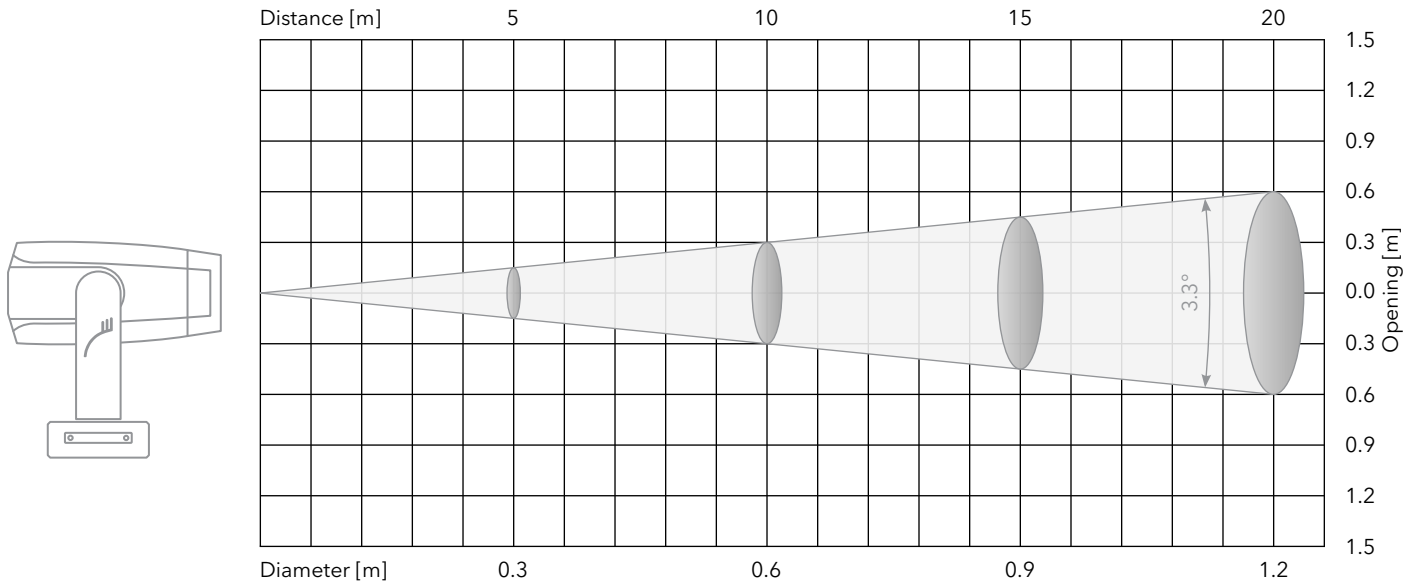
- Photometric measurement head
- UVA and UVC measurement head

iEsprite LTL WB

Photometric report

Beam angle 3.3° - Min. zoom - CRI 70

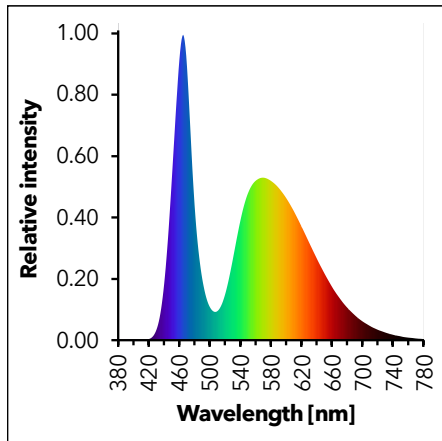
Beam angle	Total lumen output (integrating sphere)	Total lumen output (goniophotometer)	Peak candela	Power
3.3°	13603 lm	12955 lm	5710100 cd	850 W



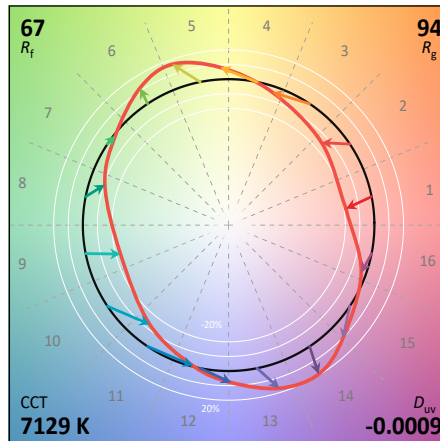
Center beam intensity [lx]/[fcd]; Total lumen output [lm] measured by goniophotometer

Distance	5 m	10 m	15 m	20 m	30 m	40 m	50 m	Total lumens
High Fan Mode	228404/21219	57101/5305	25378/2358	14275/1326	6345/589	3569/332	2284/212	12955
Auto Fan Mode	219401/20383	54850/5096	24378/2265	13713/1274	6094/566	3428/318	2194/204	12444
Quiet Fan Mode	117093/10878	29273/2720	13010/1209	7318/680	3253/302	1830/170	1171/109	6641

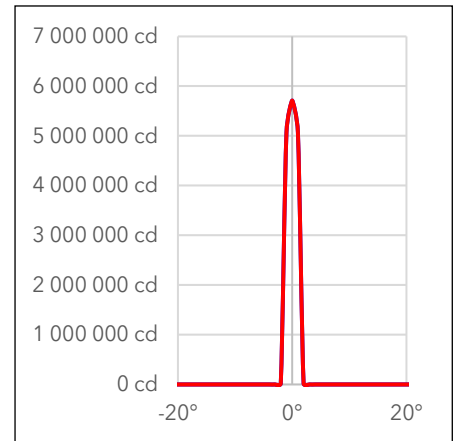
Spectrum



TM-30



Light distribution



Color temperature	CCT*	7129 K
Color Deviation from Black	Duv	-0.0009
Color Coordinate CIE 1931	x	0.3050
	y	0.3134
Color Coordinate	u	0.1984
	v	0.3057

Color rendering index	CRI	68
Red component	CRI R9	-33
Color fidelity	TM30 Rf	67
Color gamut	TM30 Rg	94
Television consistency Index	TLCI	41

*CCT measured in integrating sphere

Fixture settings: DMX mode: 1; Fans: High; Dimmer curve: Square Law; Shutter: Open; Dimmer: Open; No effect in light beam

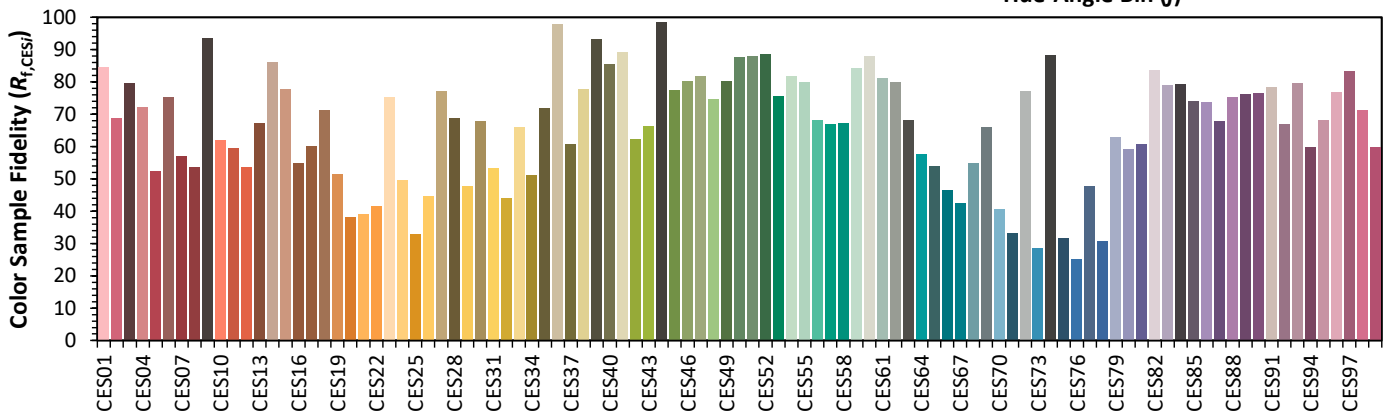
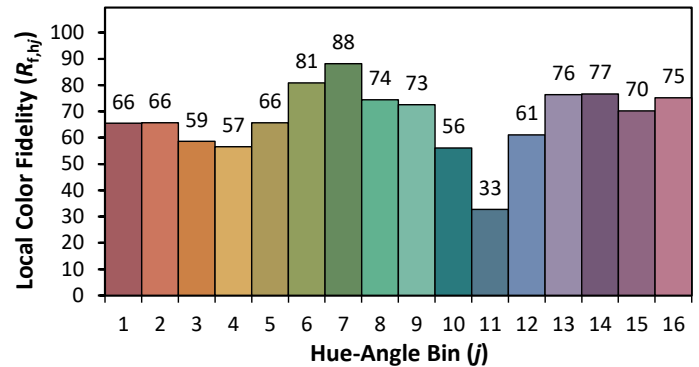
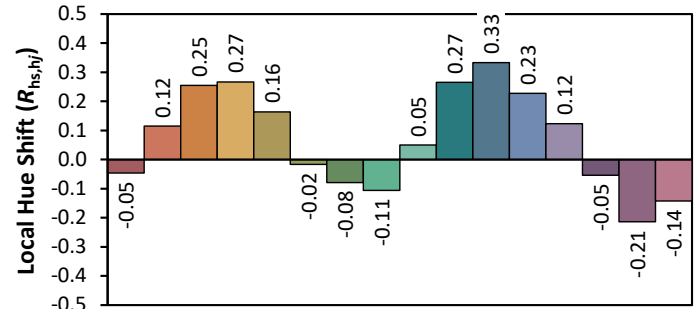
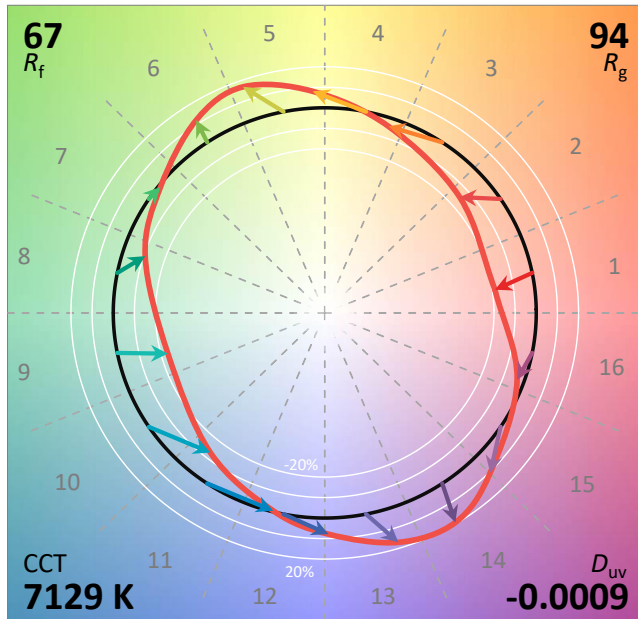
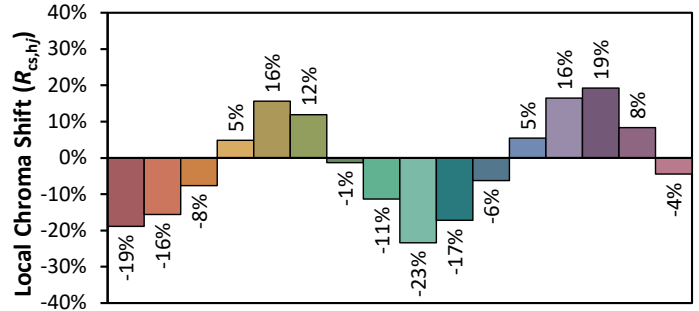
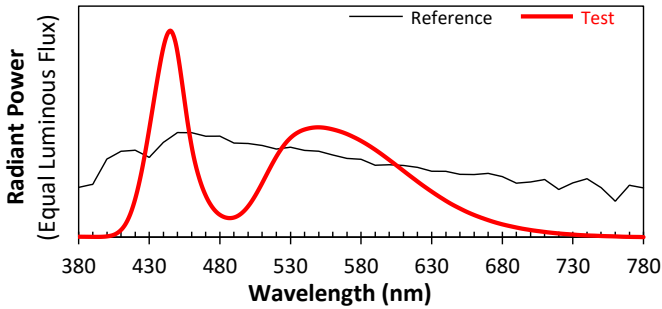
Measurement date: 27.05.2025

iEsprite LTL WB

Photometric report

Beam angle 3.3° - Min. zoom - CRI 70

ANSI/IES TM-30-18 Color Rendition Report



Notes:

x 0.3051

y 0.3134

u' 0.1984

v' 0.4586

CIE 13.3-1995
(CRI)

R_a 68

R_g -33

Fixture settings: DMX mode: 1; Fans: High; Dimmer curve: Square Law; Shutter: Open; Dimmer: Open; No effect in light beam

Measurement date: 27.05.2025

ROBE

iEsprite LTL WB

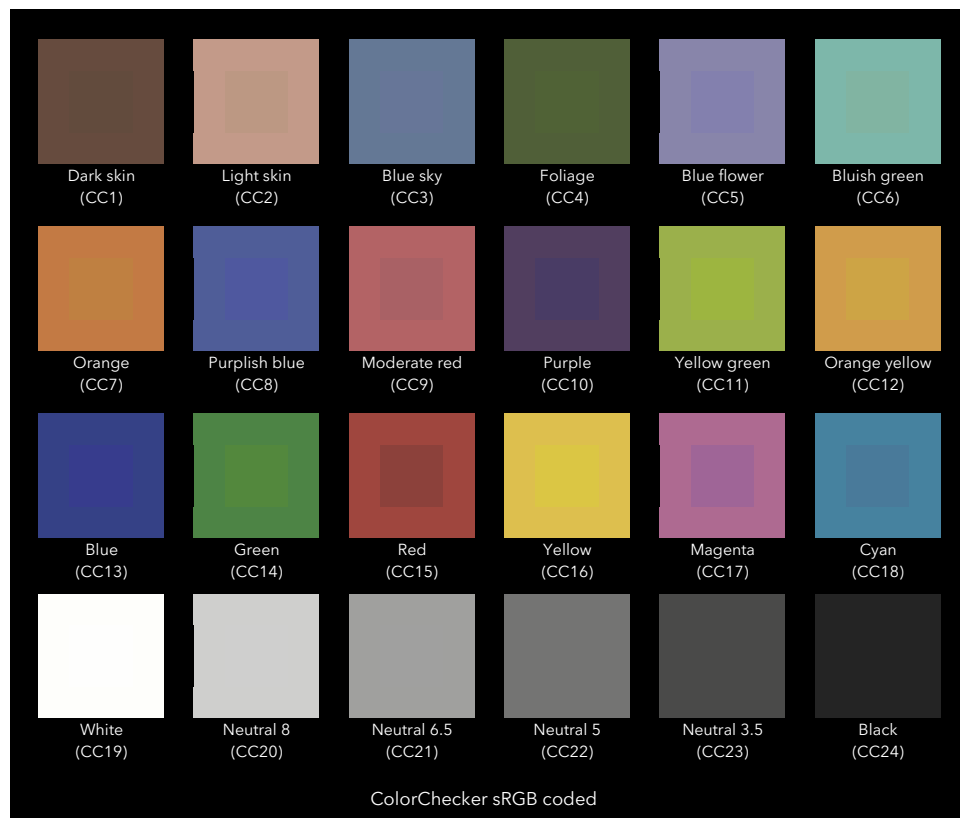
Photometric report

Beam angle 3.3° - Min. zoom - CRI 70

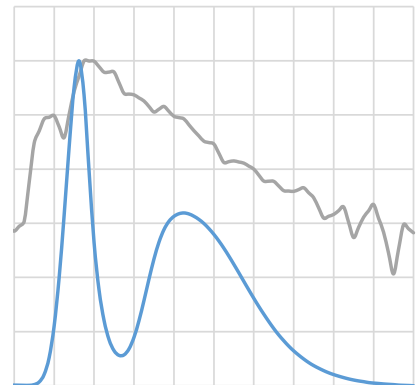
Television Lighting Consistency Index 2012 report

Direct spectrum input: CCT = D7129 (-0.2)

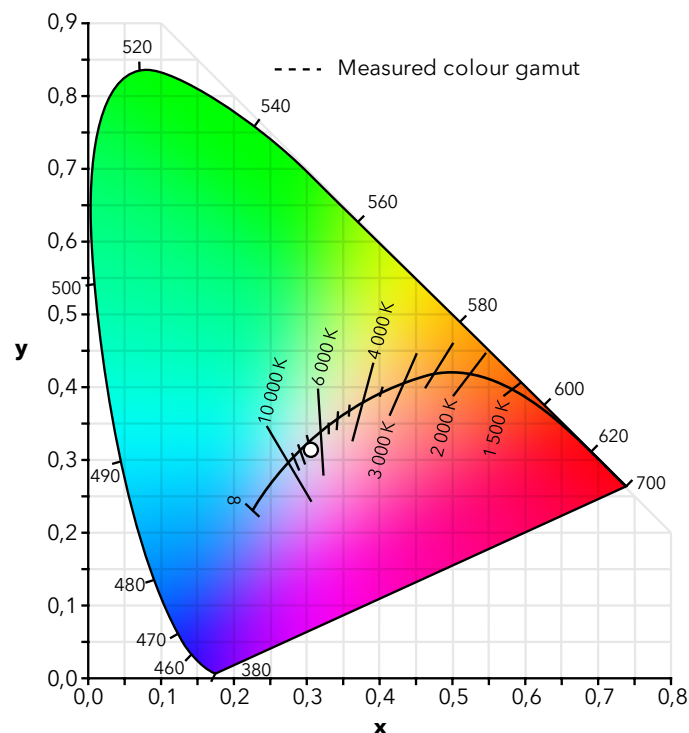
TLCI-2012: 41 (D7129)



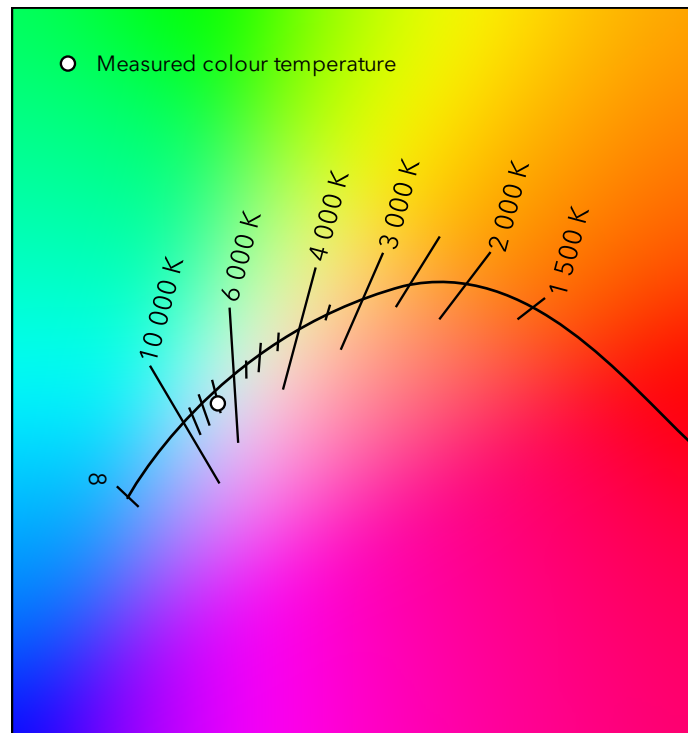
Sector	Lightness	Chroma	Hue
R	+++++	+++	+
R/Y	0	+	----
Y	--	--	-----
Y/G	-	---	0
G	--	--	+++
G/C	+	0	++++
C	+++	0	0
C/B	++++	0	----
B	0	---	----
B/M	++	----	++
M	+++++	-	++++++
M/R	+++++	-	++++++



CIE 1931 color space gamut



Colour temperature



Fixture settings: DMX mode: 1; Fans: High; Dimmer curve: Square Law; Shutter: Open; Dimmer: Open; No effect in light beam

Measurement date: 27.05.2025

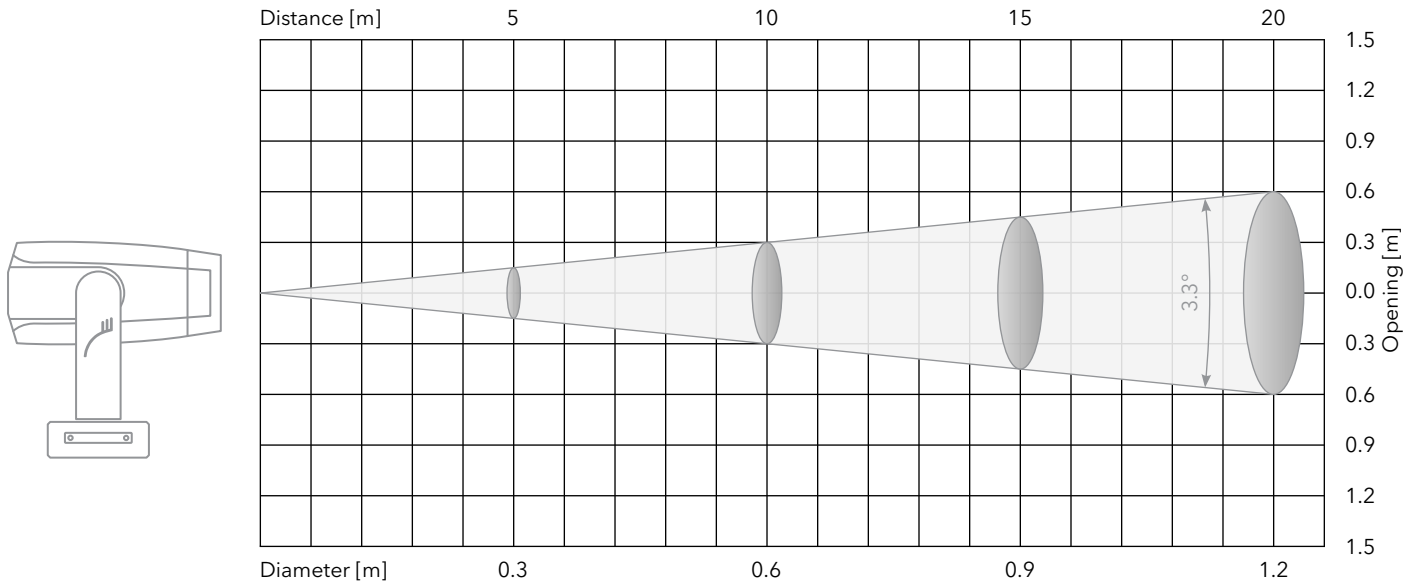
ROBE

iEsprite LTL WB

Photometric report

Beam angle 3.3° - Min. zoom - CRI 80

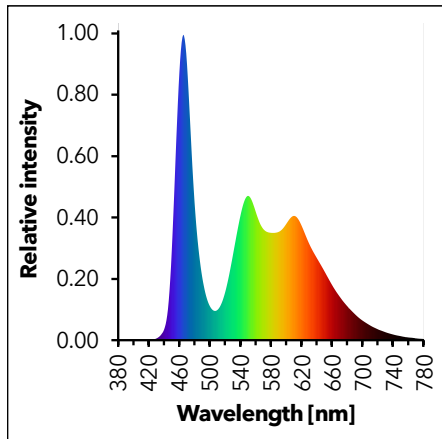
Beam angle	Total lumen output (integrating sphere)	Total lumen output (goniophotometer)	Peak candela	Power
3.3°	10597 lm	10092 lm	4448275 cd	850 W



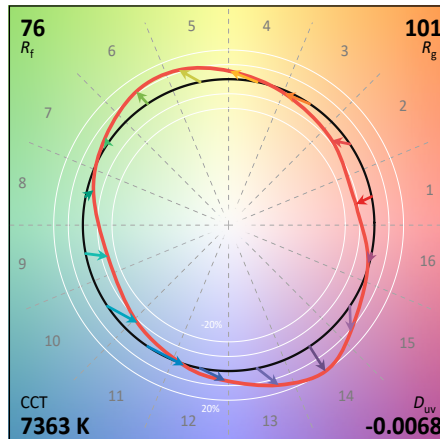
Center beam intensity [lx]/[fcd]; Total lumen output [lm] measured by goniophotometer

Distance	5 m	10 m	15 m	20 m	30 m	40 m	50 m	Total lumens
High Fan Mode	177931/16530	44483/4133	19770/1837	11121/1033	4943/459	2780/258	1779/165	10092
Auto Fan Mode	170917/15879	42729/3970	18991/1764	10682/992	4748/441	2671/248	1709/159	9694
Quiet Fan Mode	91217/8474	22804/2119	10135/942	5701/530	2534/235	1425/132	912/85	5174

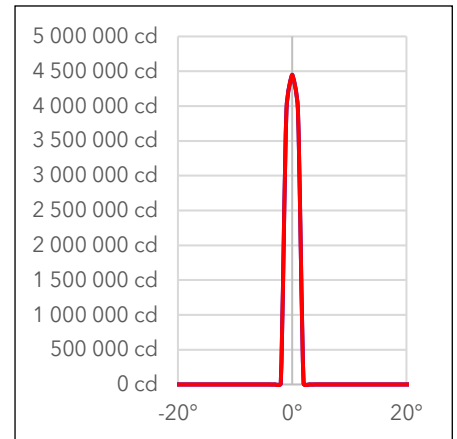
Spectrum



TM-30



Light distribution



Color temperature	CCT*	7363 K
Color Deviation from Black	Duv	-0.0069
Color Coordinate CIE 1931	x	0.3044
	y	0.3018
Color Coordinate	u	0.2025
	v	0.3012

Color rendering index	CRI	80
Red component	CRI R9	17
Color fidelity	TM30 Rf	76
Color gamut	TM30 Rg	101
Television consistency Index	TLCI	60

*CCT measured in integrating sphere

Fixture settings: DMX mode: 1; Fans: High; Dimmer curve: Square Law; Shutter: Open; Dimmer: Open; No effect in light beam

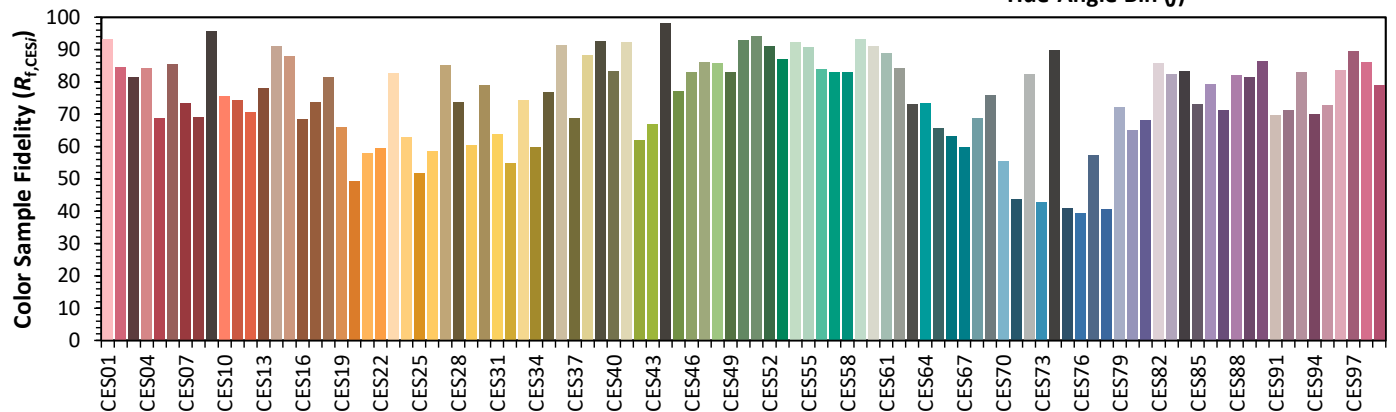
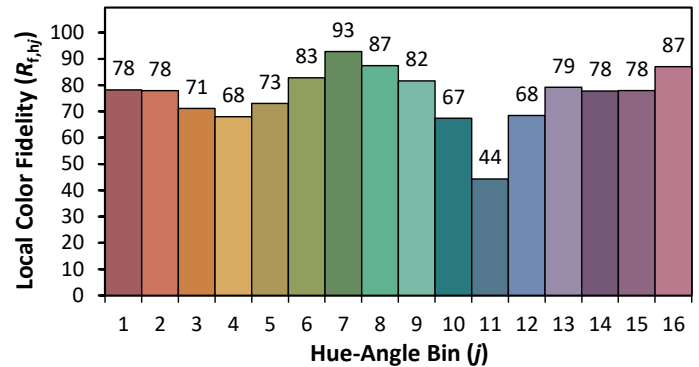
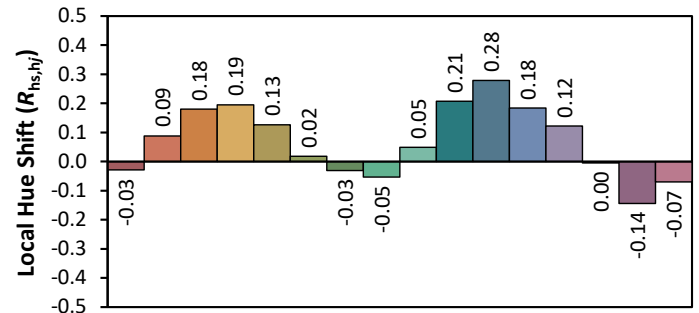
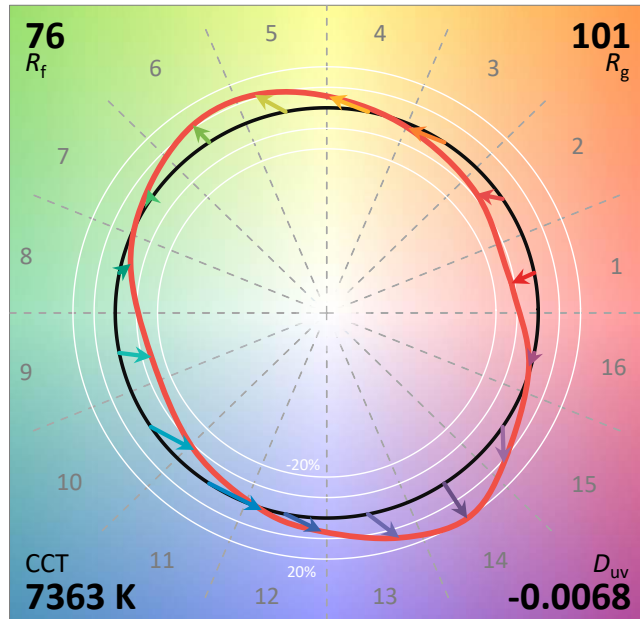
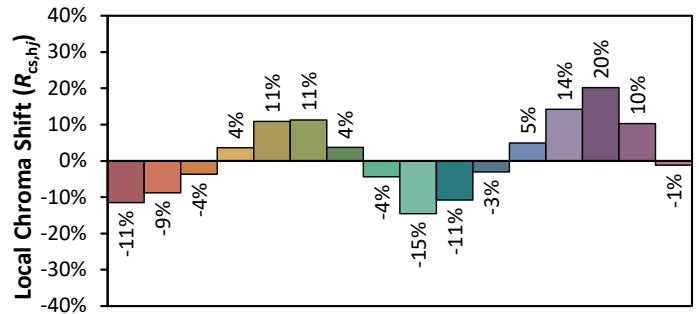
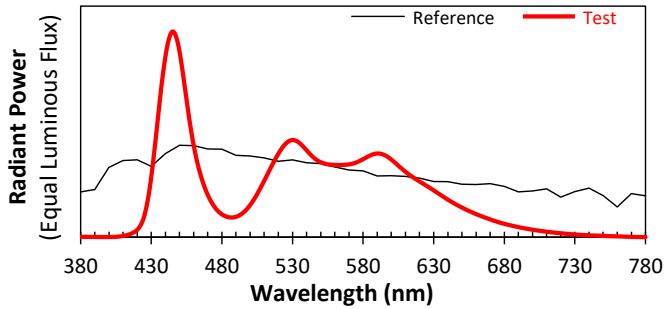
Measurement date: 27.05.2025

iEsprite LTL WB

Photometric report

Beam angle 3.3° - Min. zoom - CRI 80

ANSI/IES TM-30-18 Color Rendition Report



Notes:

x 0.3044

y 0.3019

u' 0.2025

v' 0.4518

CIE 13.3-1995
(CRI)

R_a 80

R_g 17

Fixture settings: DMX mode: 1; Fans: High; Dimmer curve: Square Law; Shutter: Open; Dimmer: Open; No effect in light beam

Measurement date: 27.05.2025

ROBE

iEsprite LTL WB

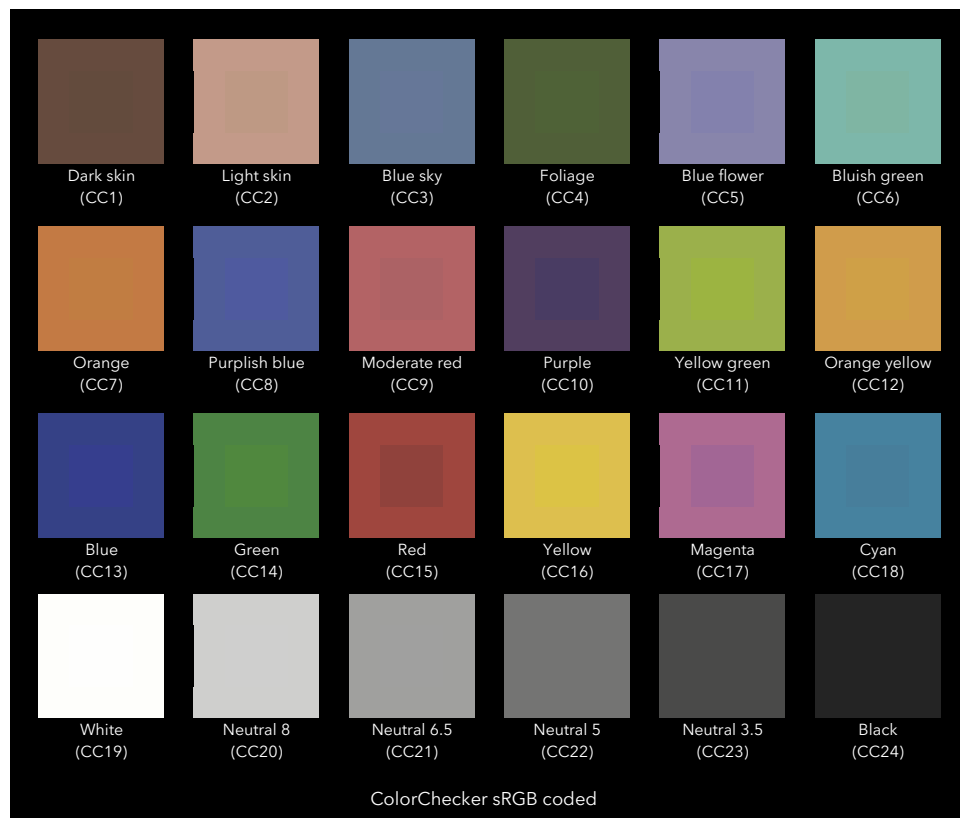
Photometric report

Beam angle 3.3° - Min. zoom - CRI 80

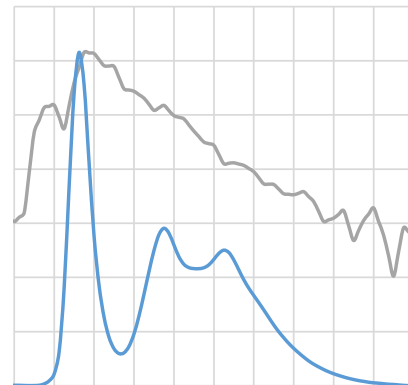
Television Lighting Consistency Index 2012 report

Direct spectrum input: CCT = D7363 (-1.3)

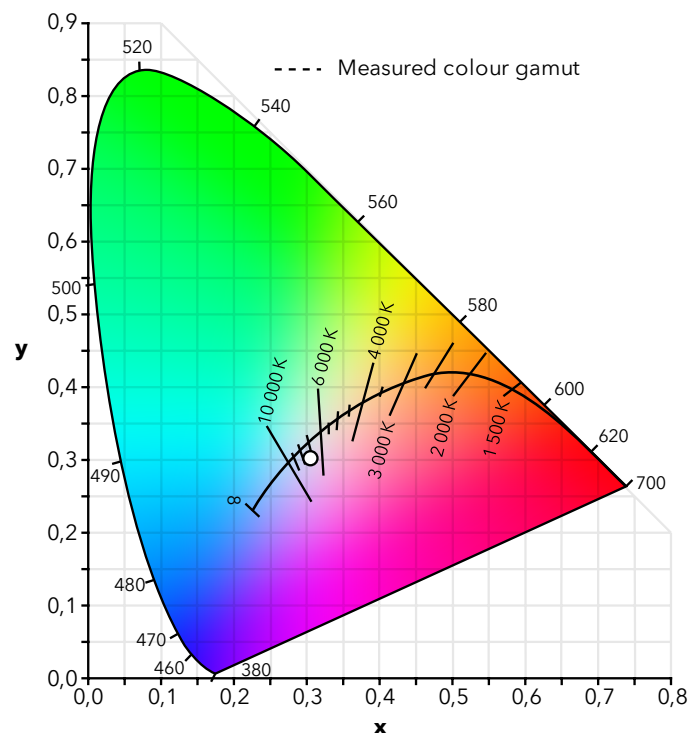
TLCI-2012: 60 (D7363)



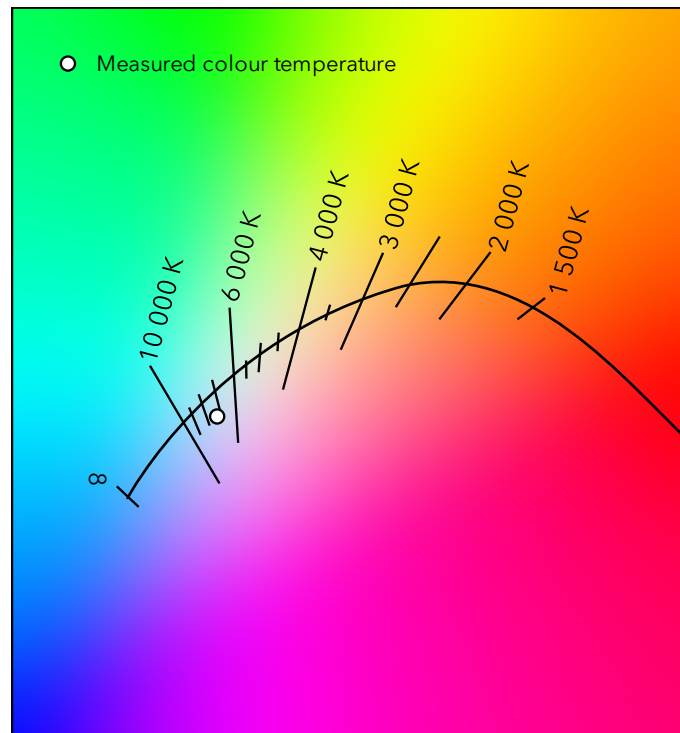
Sector	Lightness	Chroma	Hue
R	+++	++	+
R/Y	0	0	---
Y	-	-	----
Y/G	-	--	0
G	--	--	++
G/C	0	0	++++
C	+	0	+
C/B	++	0	--
B	0	---	--
B/M	+	--	+++++
M	++	-	+++++
M/R	++++	0	+++++



CIE 1931 color space gamut



Colour temperature



Fixture settings: DMX mode: 1; Fans: High; Dimmer curve: Square Law; Shutter: Open; Dimmer: Open; No effect in light beam

Measurement date: 27.05.2025

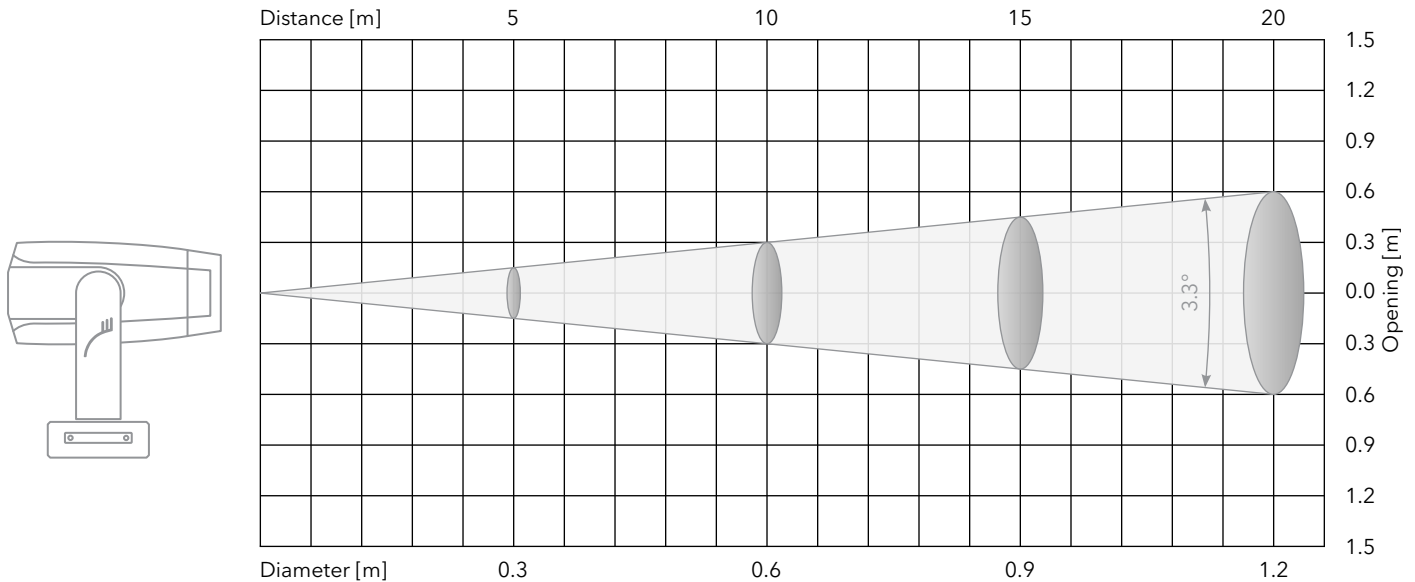
ROBE

iEsprite LTL WB

Photometric report

Beam angle 3.3° - Min. zoom - CRI 90

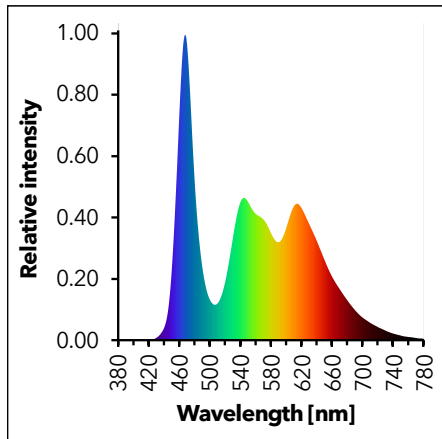
Beam angle	Total lumen output (integrating sphere)	Total lumen output (goniophotometer)	Peak candela	Power
3.3°	9216 lm	8777 lm	3868750 cd	850 W



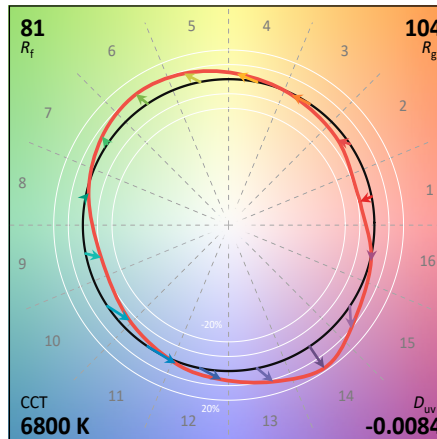
Center beam intensity [lx]/[fcd]; Total lumen output [lm] measured by goniophotometer

Distance	5 m	10 m	15 m	20 m	30 m	40 m	50 m	Total lumens
High Fan Mode	154750/14377	38688/3594	17194/1597	9672/899	4299/399	2418/225	1548/144	8777
Auto Fan Mode	148650/13810	37163/3453	16517/1534	9291/863	4129/384	2323/216	1487/138	8431
Quiet Fan Mode	79334/7370	19834/1843	8815/819	4958/461	2204/205	1240/115	793/74	4500

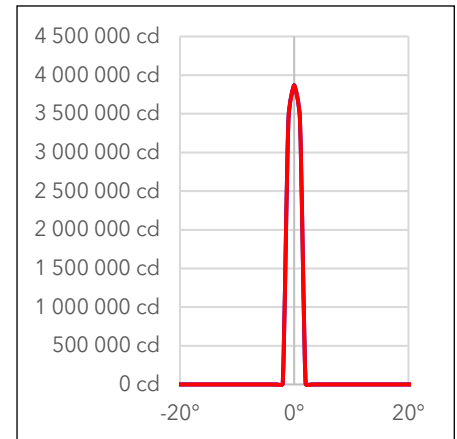
Spectrum



TM-30



Light distribution



Color temperature	CCT*	6800 K
Color Deviation from Black	Duv	-0.0084
Color Coordinate CIE 1931	x	0.3115
	y	0.3061
Color Coordinate	u	0.2059
	v	0.3035

Color rendering index	CRI	86
Red component	CRI R9	40
Color fidelity	TM30 Rf	81
Color gamut	TM30 Rg	104
Television consistency Index	TLCI	70

*CCT measured in integrating sphere

Fixture settings: DMX mode: 1; Fans: High; Dimmer curve: Square Law; Shutter: Open; Dimmer: Open; No effect in light beam

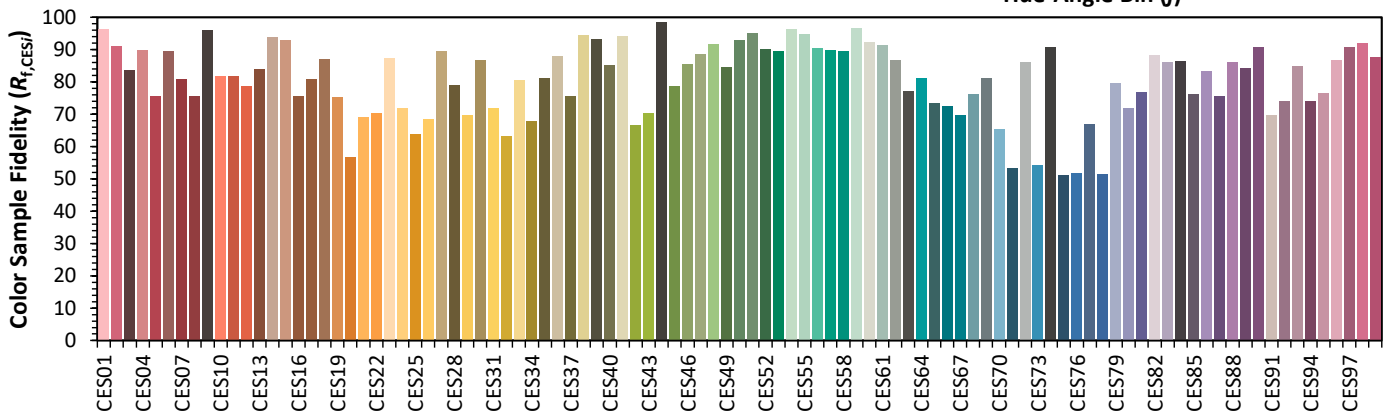
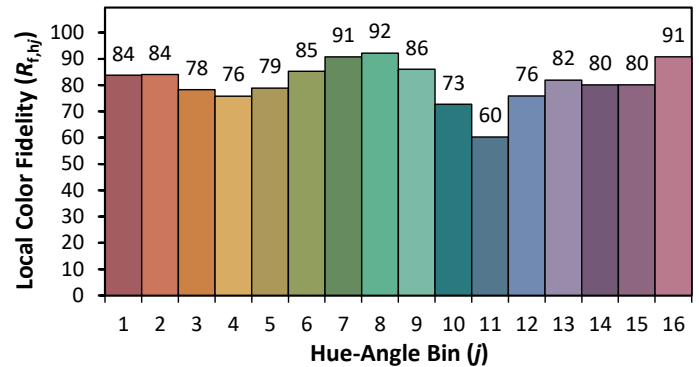
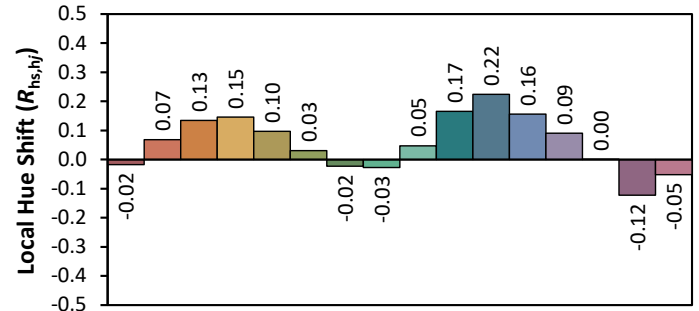
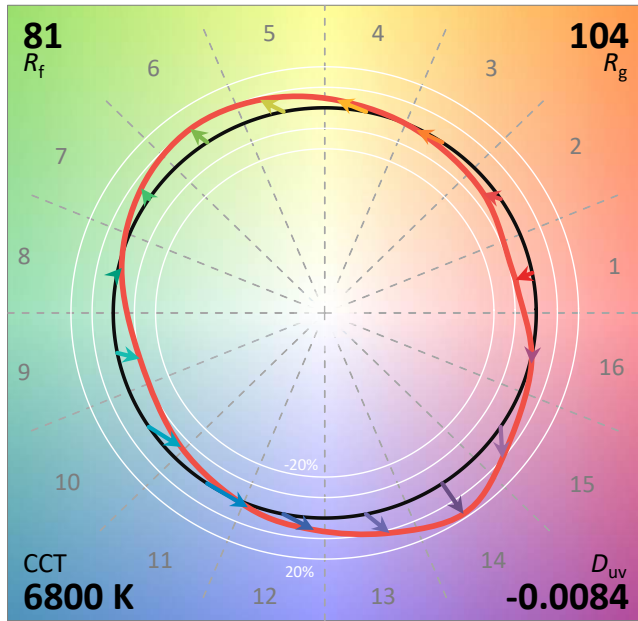
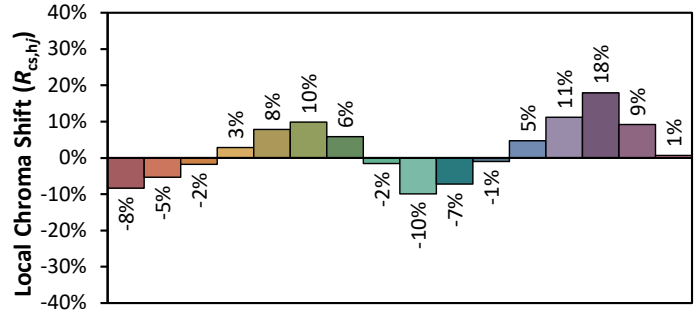
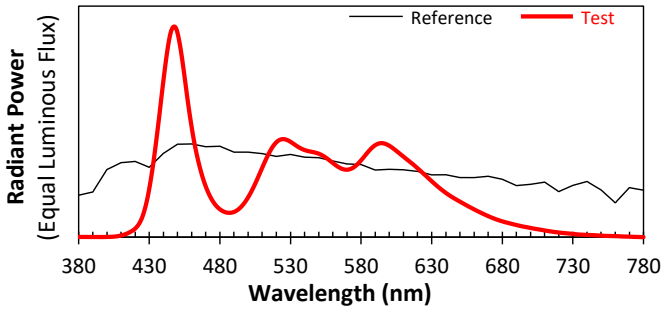
Measurement date: 27.05.2025

iEsprite LTL WB

Photometric report

Beam angle 3.3° - Min. zoom - CRI 90

ANSI/IES TM-30-18 Color Rendition Report



Notes:

x 0.3115

y 0.3061

u' 0.2059

v' 0.4554

CIE 13.3-1995
(CRI)

R_a 86

R_g 40

Fixture settings: DMX mode: 1; Fans: High; Dimmer curve: Square Law; Shutter: Open; Dimmer: Open; No effect in light beam

Measurement date: 27.05.2025

ROBE

iEsprite LTL WB

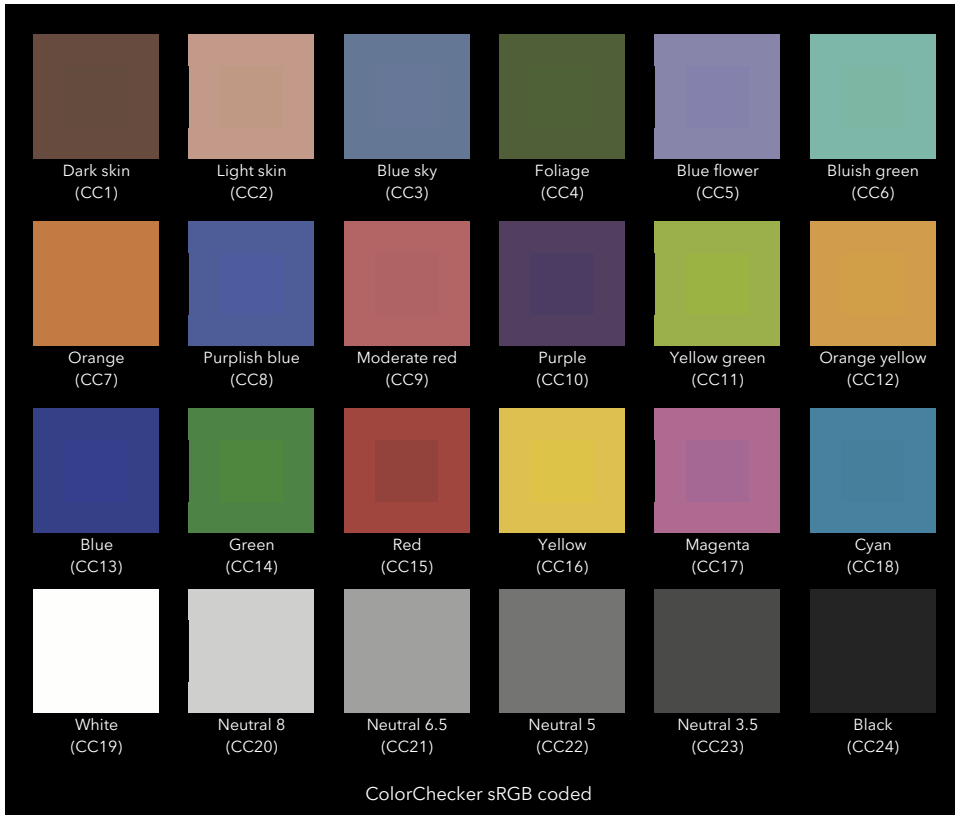
Photometric report

Beam angle 3.3° - Min. zoom - CRI 90

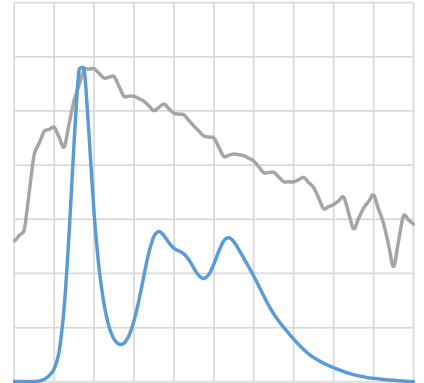
Television Lighting Consistency Index 2012 report

Direct spectrum input: CCT = D6800 (-1.6)

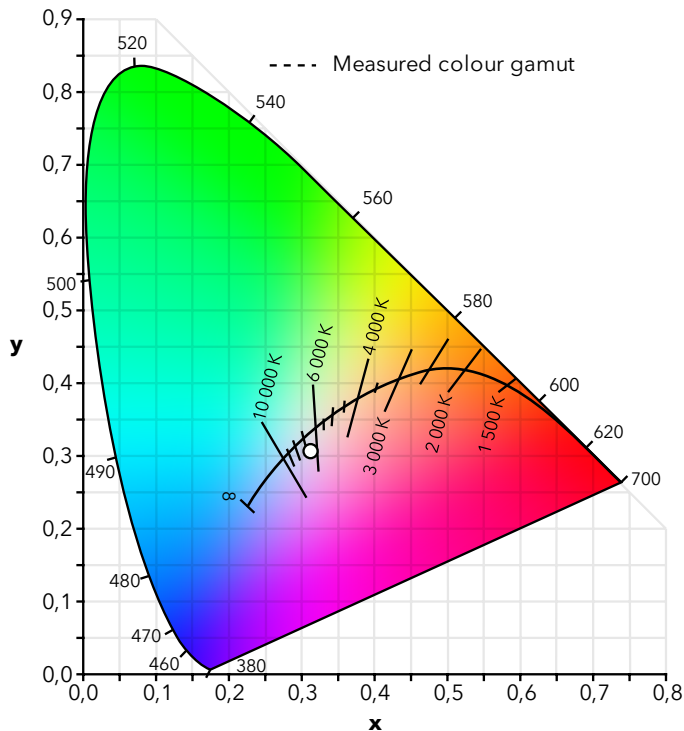
TLCI-2012: 70 (D6800)



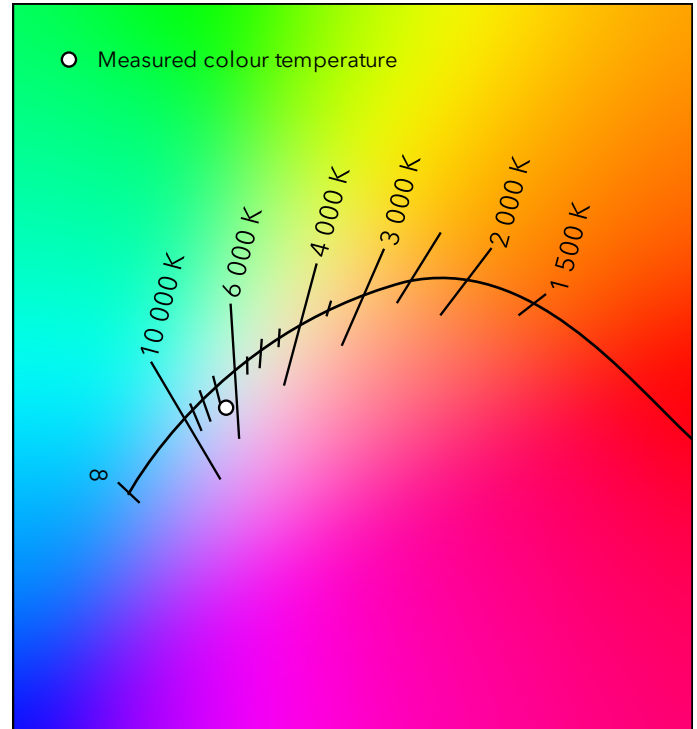
Sector	Lightness	Chroma	Hue
R	+++	+	0
R/Y	0	0	--
Y	0	-	--
Y/G	-	--	0
G	-	--	++
G/C	0	0	++++
C	+	0	+
C/B	+	0	0
B	0	--	-
B/M	+	--	+++++
M	++	-	+++++
M/R	+++	0	+++++



CIE 1931 color space gamut



Colour temperature



Fixture settings: DMX mode: 1; Fans: High; Dimmer curve: Square Law; Shutter: Open; Dimmer: Open; No effect in light beam

Measurement date: 27.05.2025

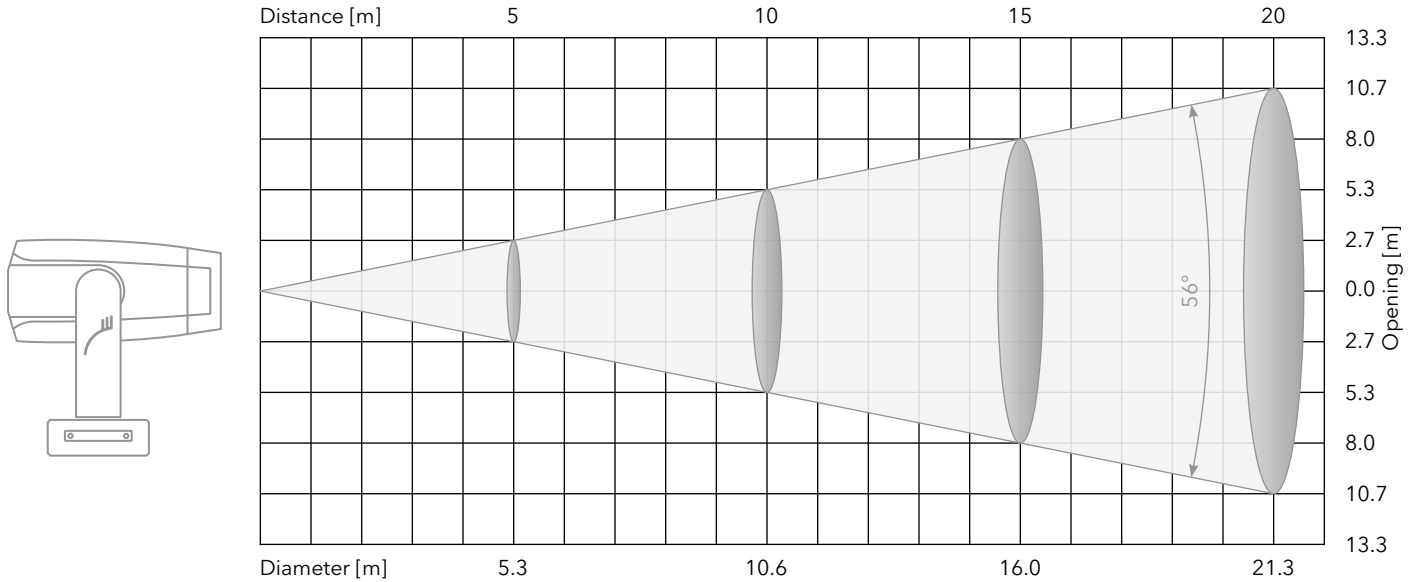
ROBE

iEsprite LTL WB

Photometric report

Field angle 56° - Max. zoom - CRI 70

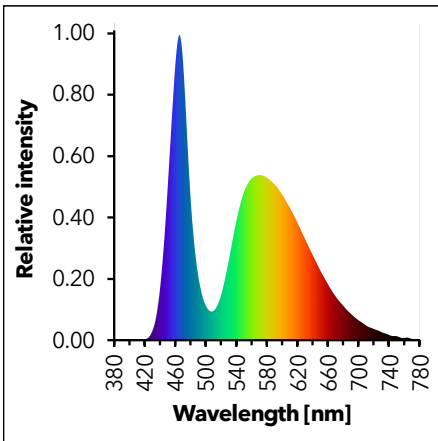
Field angle	Total lumen output (integrating sphere)	Total lumen output (goniophotometer)	Peak candela	Power
56°	33790 lm	27032 lm	43750 cd	850 W



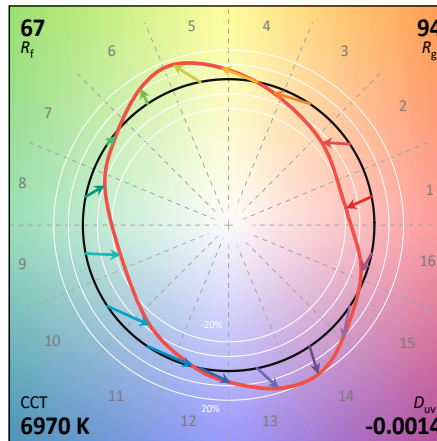
Center beam intensity [lx]/[fcd]; Total lumen output [lm] measured by goniophotometer

Distance	5 m	10 m	15 m	20 m	30 m	40 m	50 m	Total lumens
High Fan Mode	1750/163	438/41	194/18	109/10	49/4.5	27/2.5	18/1.6	27032
Auto Fan Mode	1681/156	420/39	187/17	105/10	47/4.3	26/2.4	17/1.6	25966
Quiet Fan Mode	897/83	224/21	100/9	56/5	25/2.3	14/1.3	9/0.8	13856

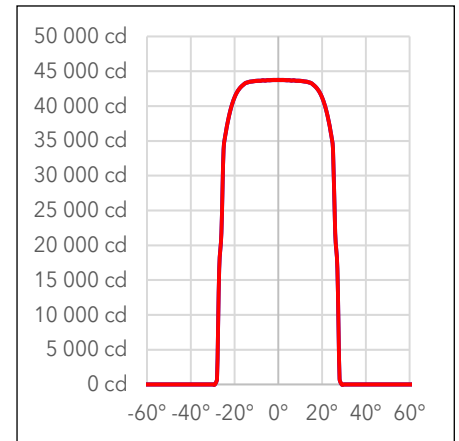
Spectrum



TM-30



Light distribution



Color temperature	CCT*	6970 K
Color Deviation from Black	Duv	-0.0014
Color Coordinate CIE 1931	x	0.3072
	y	0.3146
Color Coordinate	u	0.1995
	v	0.3064

Color rendering index	CRI	68
Red component	CRI R9	-31
Color fidelity	TM30 Rf	67
Color gamut	TM30 Rg	94
Television consistency Index	TLCI	41

*CCT measured in integrating sphere

Fixture settings: DMX mode: 1; Fans: High; Dimmer curve: Square Law; Shutter: Open; Dimmer: Open; No effect in light beam

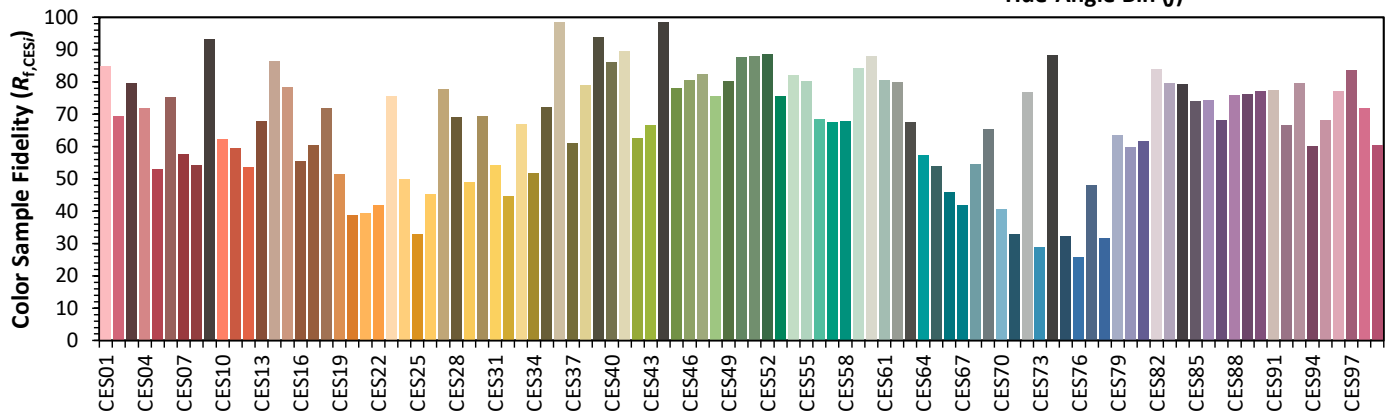
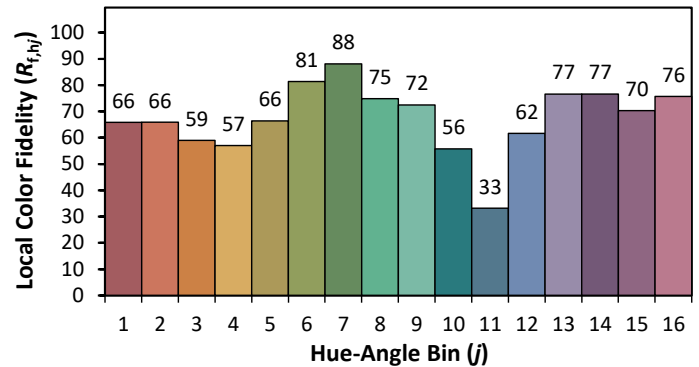
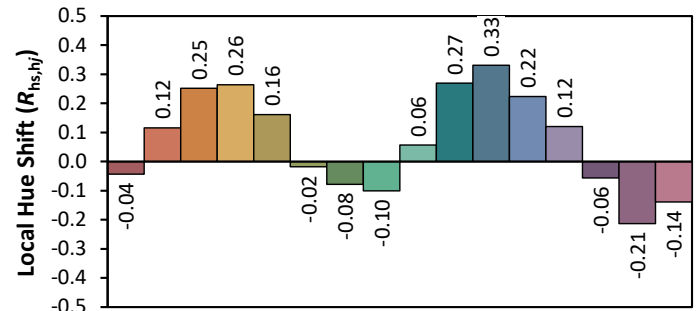
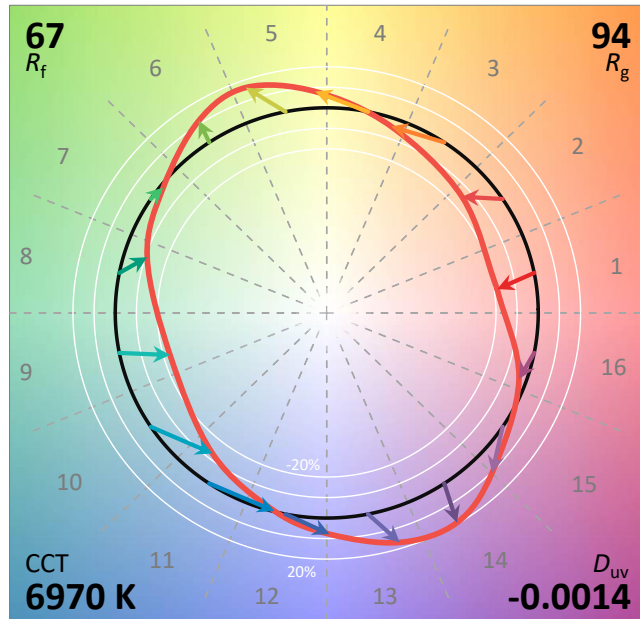
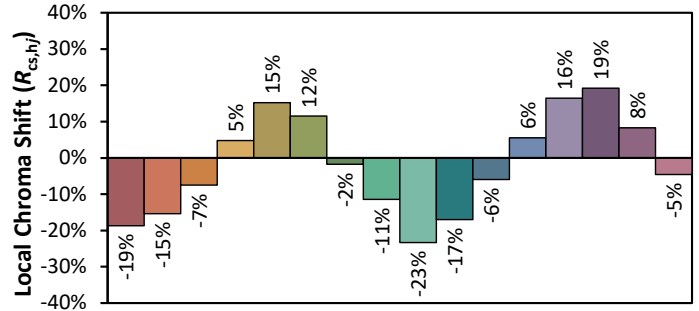
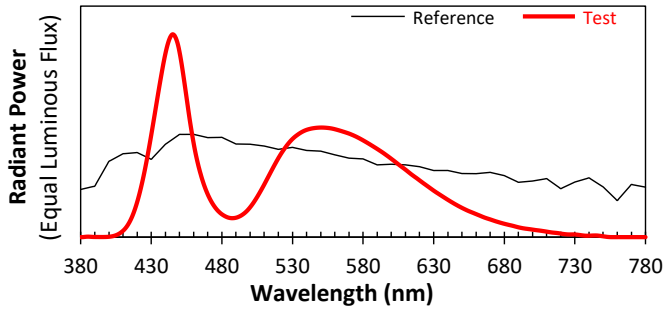
Measurement date: 27.05.2025

iEsprite LTL WB

Photometric report

Field angle 56° - Max. zoom - CRI 70

ANSI/IES TM-30-18 Color Rendition Report



Notes:

x 0.3073

y 0.3147

u' 0.1995

v' 0.4596

CIE 13.3-1995
(CRI)

R_a 68

R_g -31

Fixture settings: DMX mode: 1; Fans: High; Dimmer curve: Square Law; Shutter: Open; Dimmer: Open; No effect in light beam

Measurement date: 27.05.2025

ROBE

iEsprite LTL WB

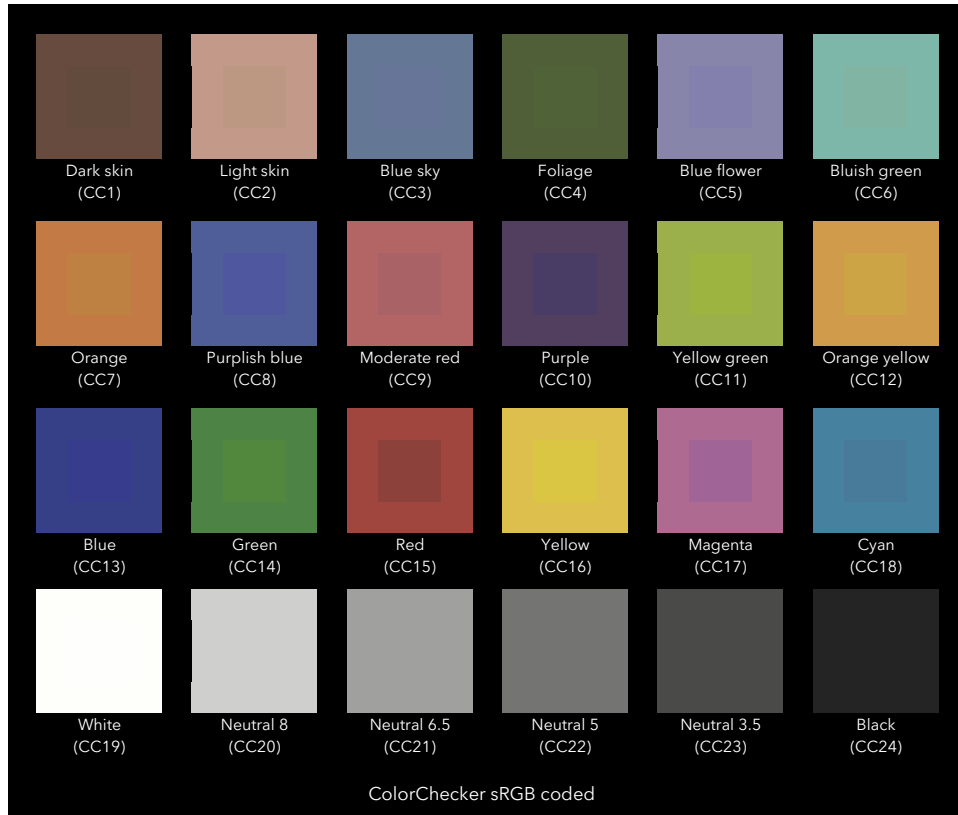
Photometric report

Field angle 56° - Max. zoom - CRI 70

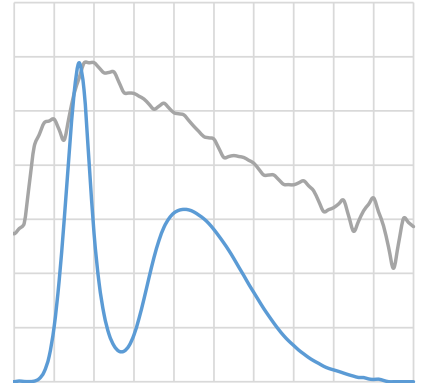
Television Lighting Consistency Index 2012 report

Direct spectrum input: CCT = D6970 (-0.3)

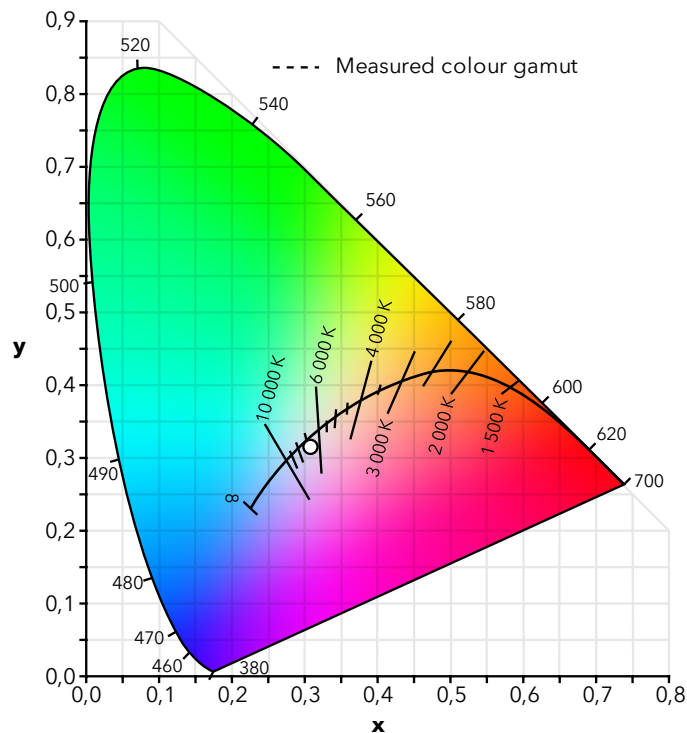
TLCI-2012: 41 (D6970)



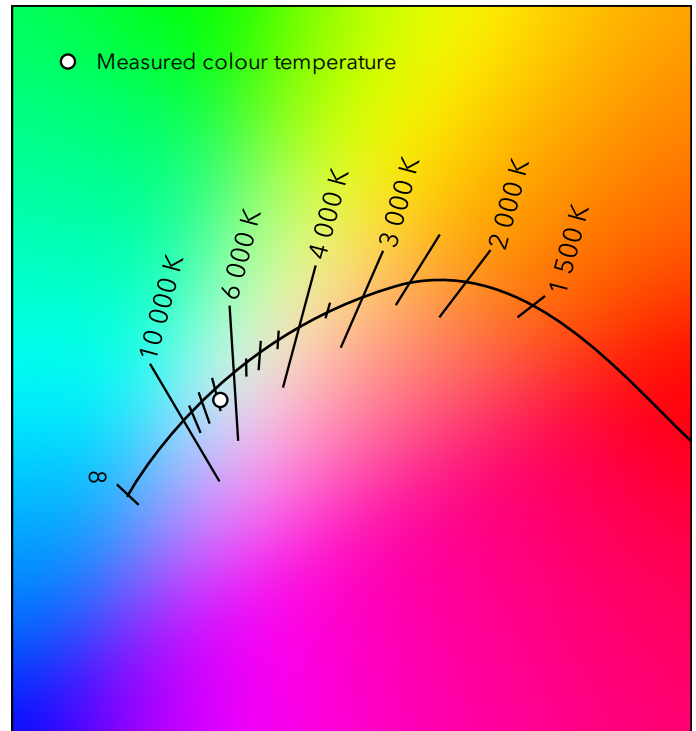
Sector	Lightness	Chroma	Hue
R	+++++	+++	+
R/Y	0	+	----
Y	--	--	-----
Y/G	-	---	0
G	--	--	+++
G/C	+	0	++++
C	+++	0	0
C/B	++++	0	----
B	0	---	----
B/M	++	----	++
M	+++++	-	++++++
M/R	+++++	-	++++++



CIE 1931 color space gamut



Colour temperature



Fixture settings: DMX mode: 1; Fans: High; Dimmer curve: Square Law; Shutter: Open; Dimmer: Open; No effect in light beam

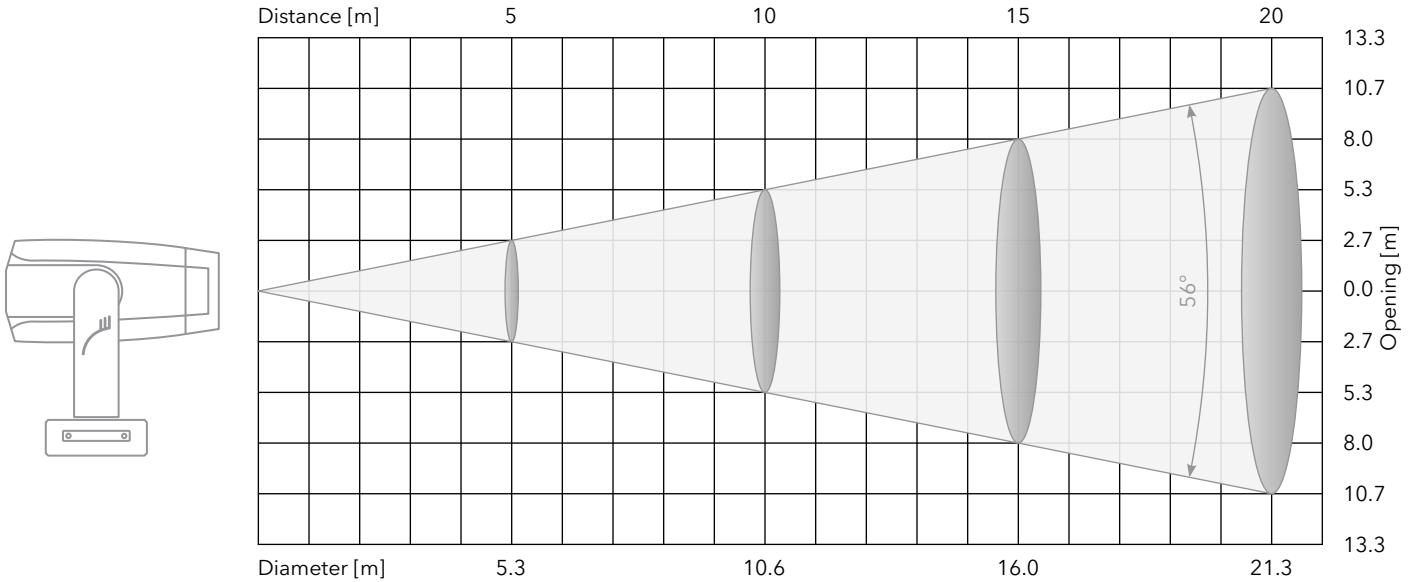
Measurement date: 27.05.2025

iEsprite LTL WB

Photometric report

Field angle 56° - Max. zoom - CRI 80

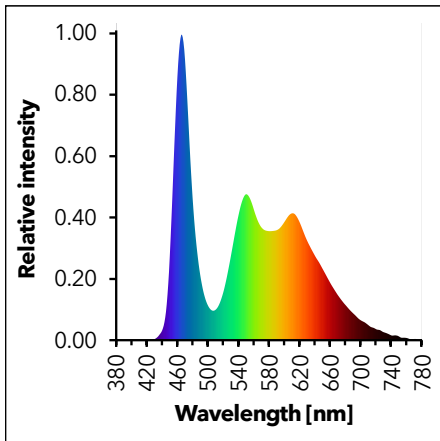
Field angle	Total lumen output (integrating sphere)	Total lumen output (goniophotometer)	Peak candela	Power
56°	26323 lm	21058 lm	34075 cd	850 W



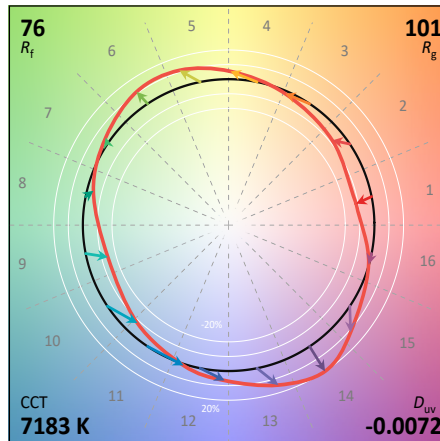
Center beam intensity [lx]/[fcd]; Total lumen output [lm] measured by goniophotometer

Distance	5 m	10 m	15 m	20 m	30 m	40 m	50 m	Total lumens
High Fan Mode	1363/127	341/32	151/14	85/8	38/3.5	21/2	14/1.3	21058
Auto Fan Mode	1309/122	327/30	145/14	82/8	36/3.4	20/1.9	13/1.2	20224
Quiet Fan Mode	699/65	175/16	78/7	44/4.1	19/1.8	11/1	7/0.6	10799

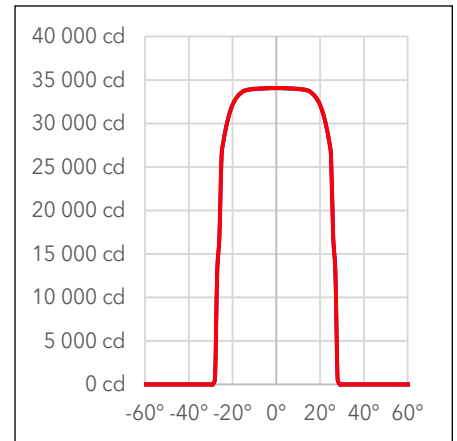
Spectrum



TM-30



Light distribution



Color temperature	CCT*	7183 K
Color Deviation from Black	Duv	-0.0072
Color Coordinate CIE 1931	x	0.3065
	y	0.3033
Color Coordinate	u	0.2034
	v	0.3020

Color rendering index	CRI	80
Red component	CRI R9	19
Color fidelity	TM30 Rf	76
Color gamut	TM30 Rg	101
Television consistency Index	TLCI	60

*CCT measured in integrating sphere

Fixture settings: DMX mode: 1; Fans: High; Dimmer curve: Square Law; Shutter: Open; Dimmer: Open; No effect in light beam

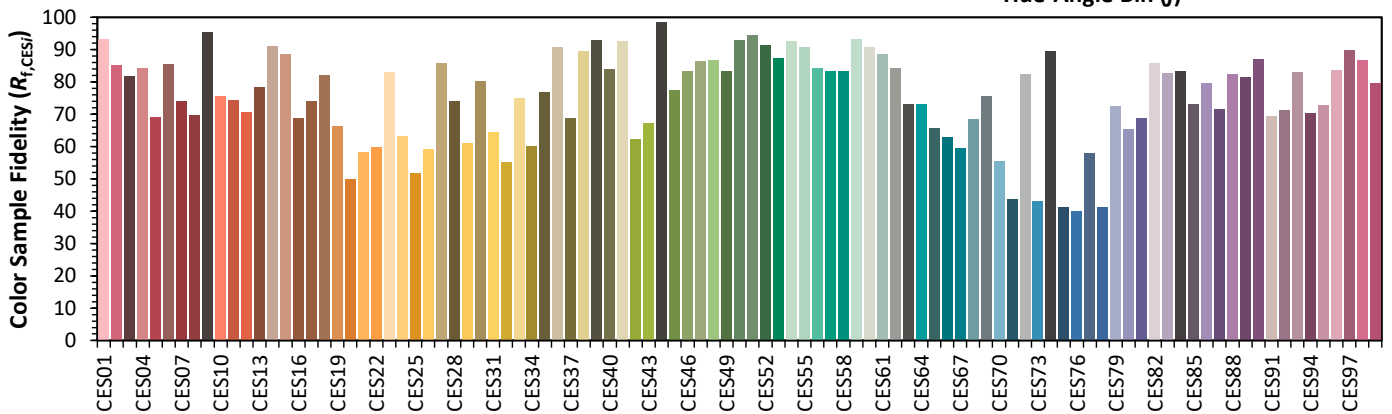
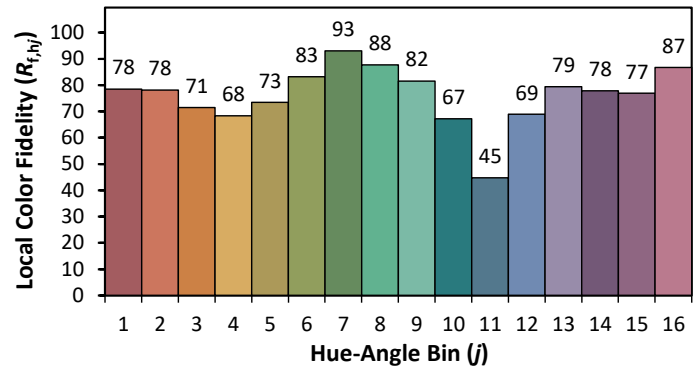
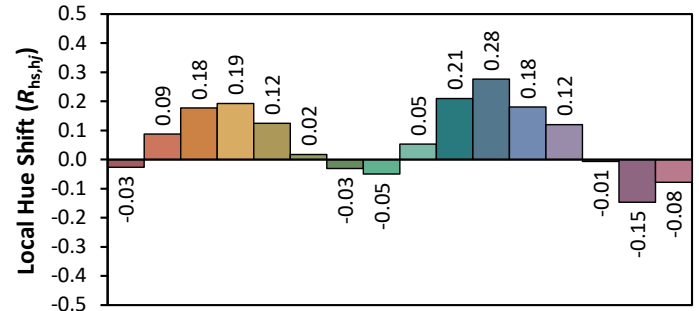
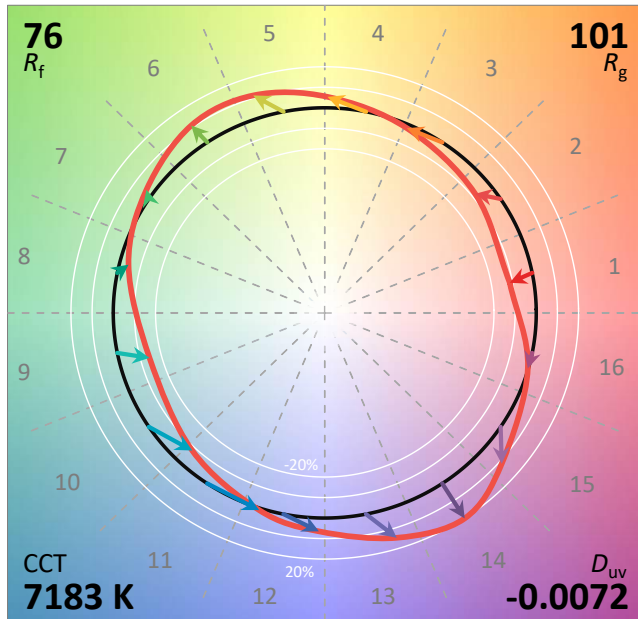
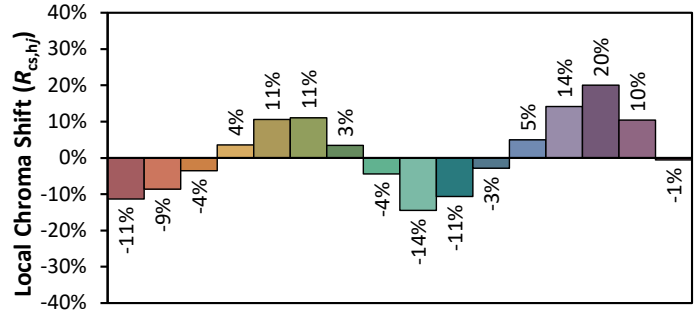
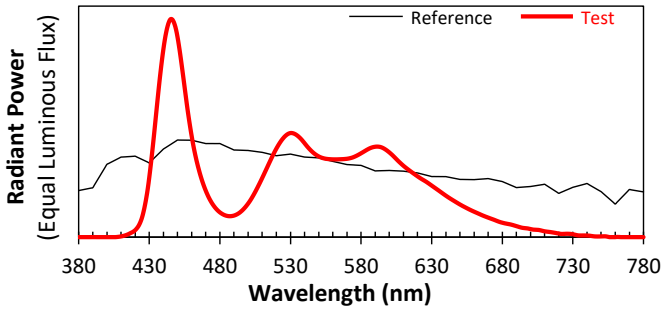
Measurement date: 27.05.2025

iEsprite LTL WB

Photometric report

Field angle 56° - Max. zoom - CRI 80

ANSI/IES TM-30-18 Color Rendition Report



Notes:

x 0.3065

y 0.3034

u' 0.2034

v' 0.4530

CIE 13.3-1995
(CRI)

R_a 80

R_g 19

Fixture settings: DMX mode: 1; Fans: High; Dimmer curve: Square Law; Shutter: Open; Dimmer: Open; No effect in light beam

Measurement date: 27.05.2025

ROBE

iEsprite LTL WB

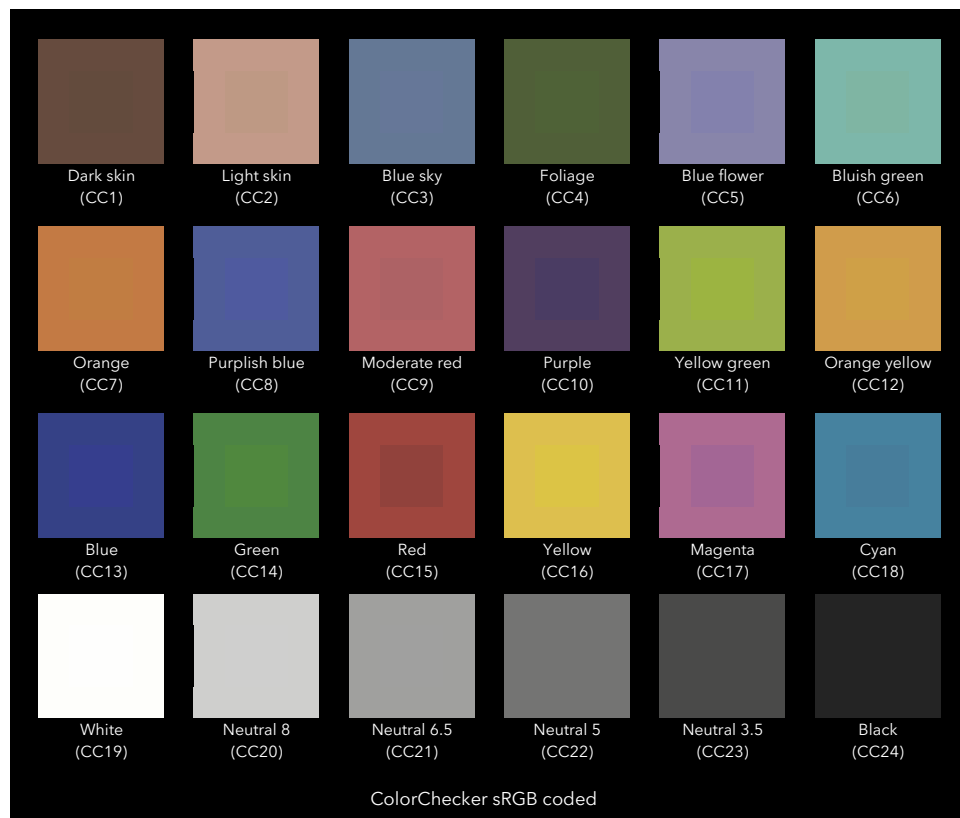
Photometric report

Field angle 56° - Max. zoom - CRI 80

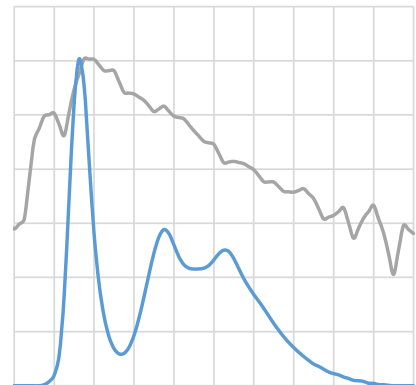
Television Lighting Consistency Index 2012 report

Direct spectrum input: CCT = D7183 (-1.3)

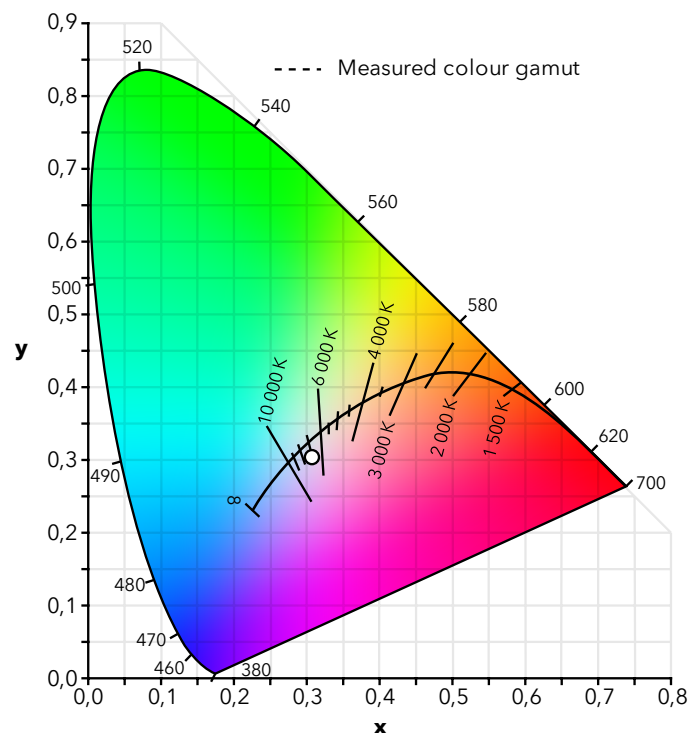
TLCI-2012: 60 (D7183)



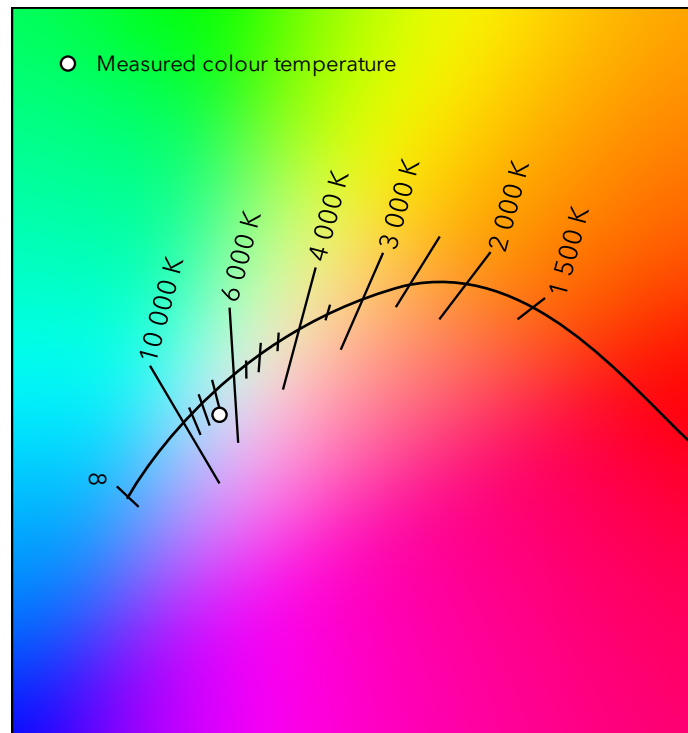
Sector	Lightness	Chroma	Hue
R	+++	++	+
R/Y	0	0	---
Y	-	-	----
Y/G	-	--	0
G	--	--	++
G/C	0	0	++++
C	+	0	+
C/B	++	0	--
B	0	---	--
B/M	+	--	+++++
M	++	-	+++++
M/R	++++	0	+++++



CIE 1931 color space gamut



Colour temperature



Fixture settings: DMX mode: 1; Fans: High; Dimmer curve: Square Law; Shutter: Open; Dimmer: Open; No effect in light beam

Measurement date: 27.05.2025

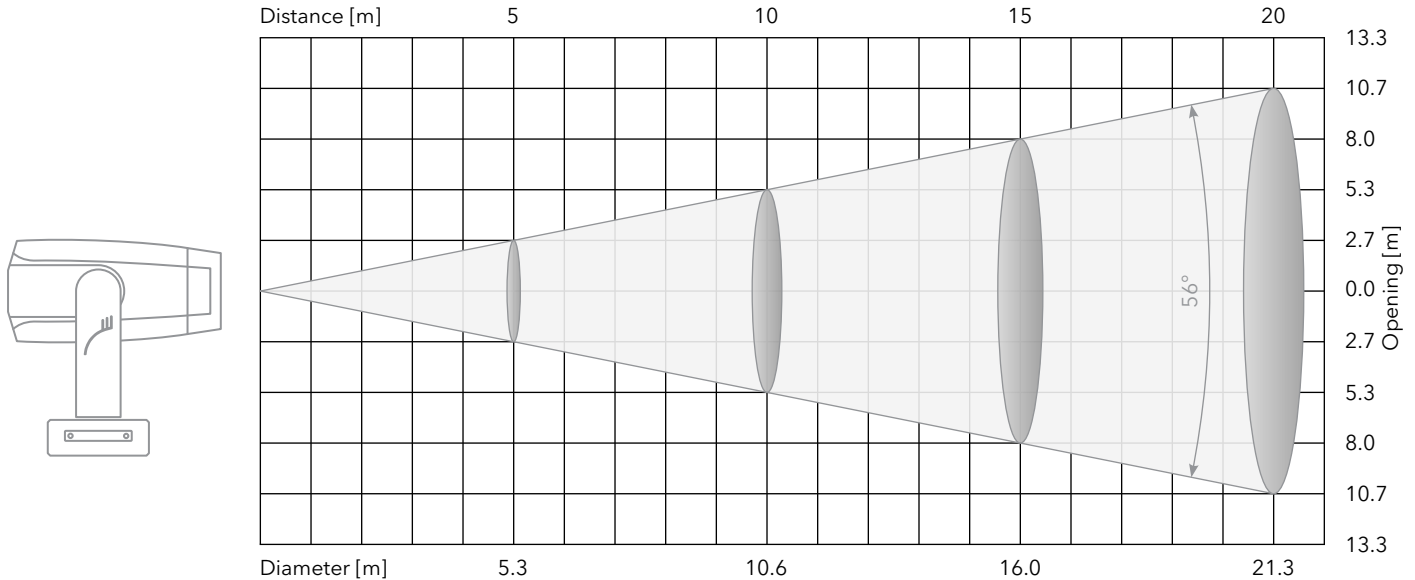
ROBE

iEsprite LTL WB

Photometric report

Field angle 56° - Max. zoom - CRI 90

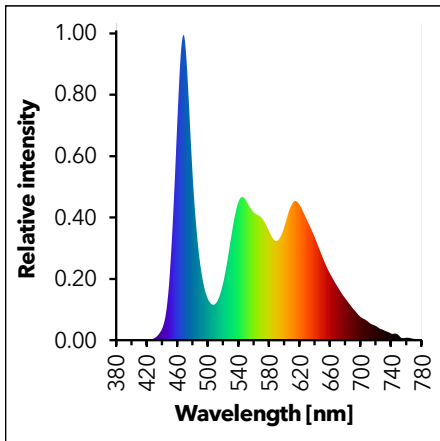
Field angle	Total lumen output (integrating sphere)	Total lumen output (goniophotometer)	Peak candela	Power
56°	22894 lm	18315 lm	29650 cd	850 W



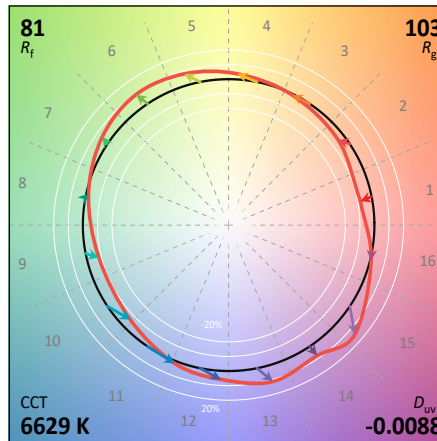
Center beam intensity [lx]/[fcd]; Total lumen output [lm] measured by goniophotometer

Distance	5 m	10 m	15 m	20 m	30 m	40 m	50 m	Total lumens
High Fan Mode	1186/110	297/28	132/12	74/7	33/3.1	19/1.7	12/1.1	18315
Auto Fan Mode	1139/106	285/26	127/12	71/7	32/2.9	18/1.7	11/1.1	17589
Quiet Fan Mode	608/56	152/14	68/6	38/3.5	17/1.6	10/0.9	6/0.6	9389

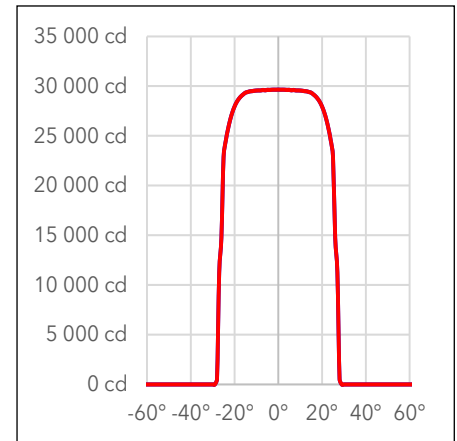
Spectrum



TM-30



Light distribution



Color temperature	CCT*	6629 K
Color Deviation from Black	Duv	-0.0088
Color Coordinate CIE 1931	x	0.3138
	y	0.3076
Color Coordinate	u	0.2070
	v	0.3044

Color rendering index	CRI	86
Red component	CRI R9	42
Color fidelity	TM30 Rf	81
Color gamut	TM30 Rg	103
Television consistency Index	TLCI	71

*CCT measured in integrating sphere

Fixture settings: DMX mode: 1; Fans: High; Dimmer curve: Square Law; Shutter: Open; Dimmer: Open; No effect in light beam

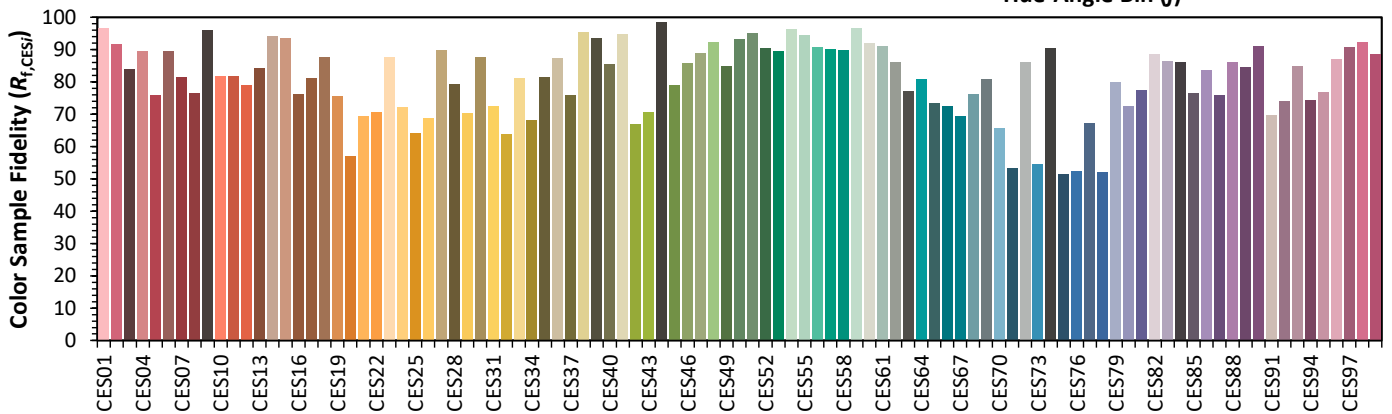
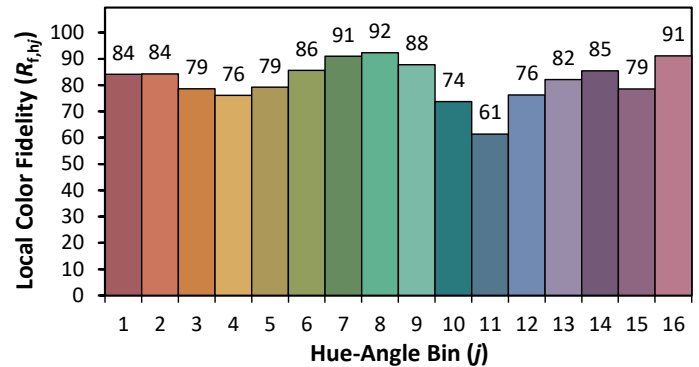
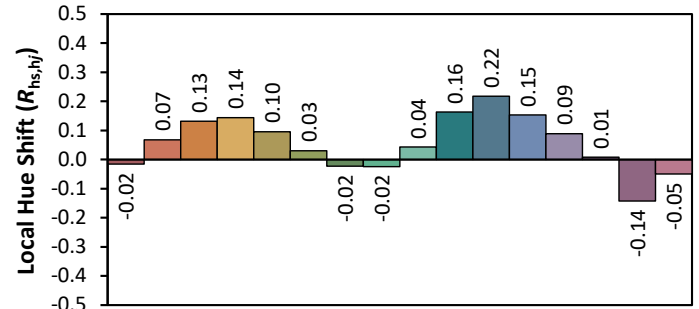
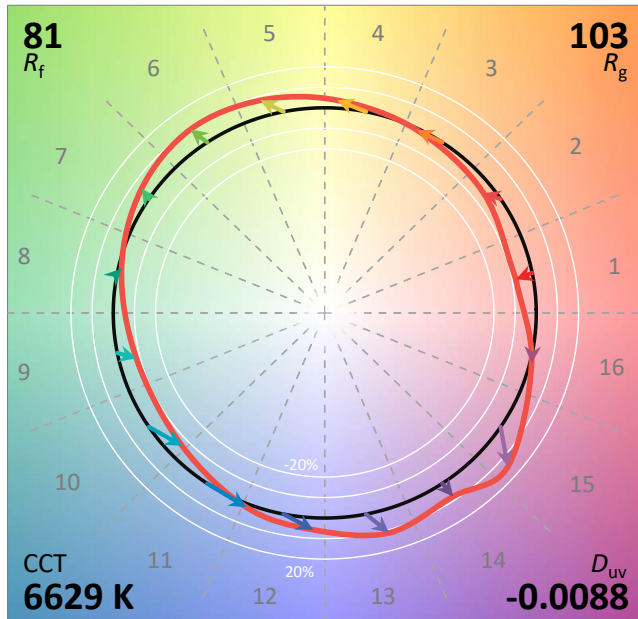
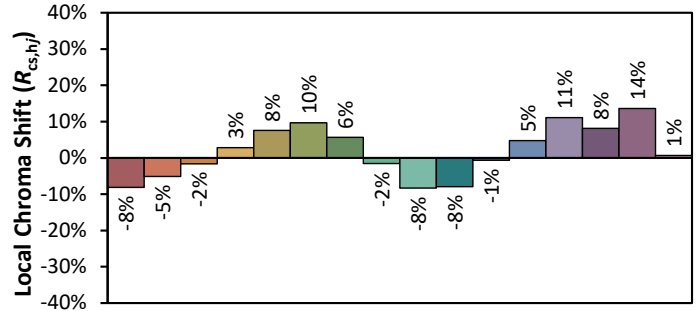
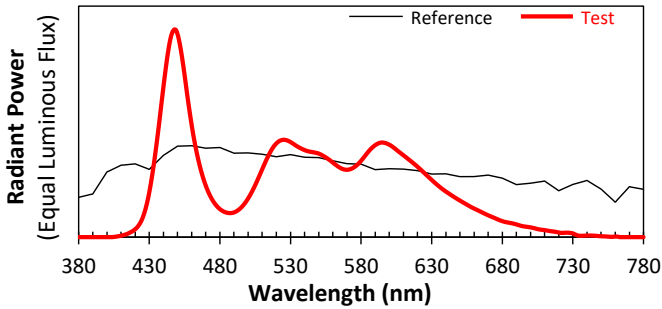
Measurement date: 27.05.2025

iEsprite LTL WB

Photometric report

Field angle 56° - Max. zoom - CRI 90

ANSI/IES TM-30-18 Color Rendition Report



Notes:

x 0.3138
y 0.3077
 u' 0.2070
 v' 0.4566

CIE 13.3-1995
(CRI)

R_a 86

R_g 42

Fixture settings: DMX mode: 1; Fans: High; Dimmer curve: Square Law; Shutter: Open; Dimmer: Open; No effect in light beam

Measurement date: 27.05.2025

ROBE

iEsprite LTL WB

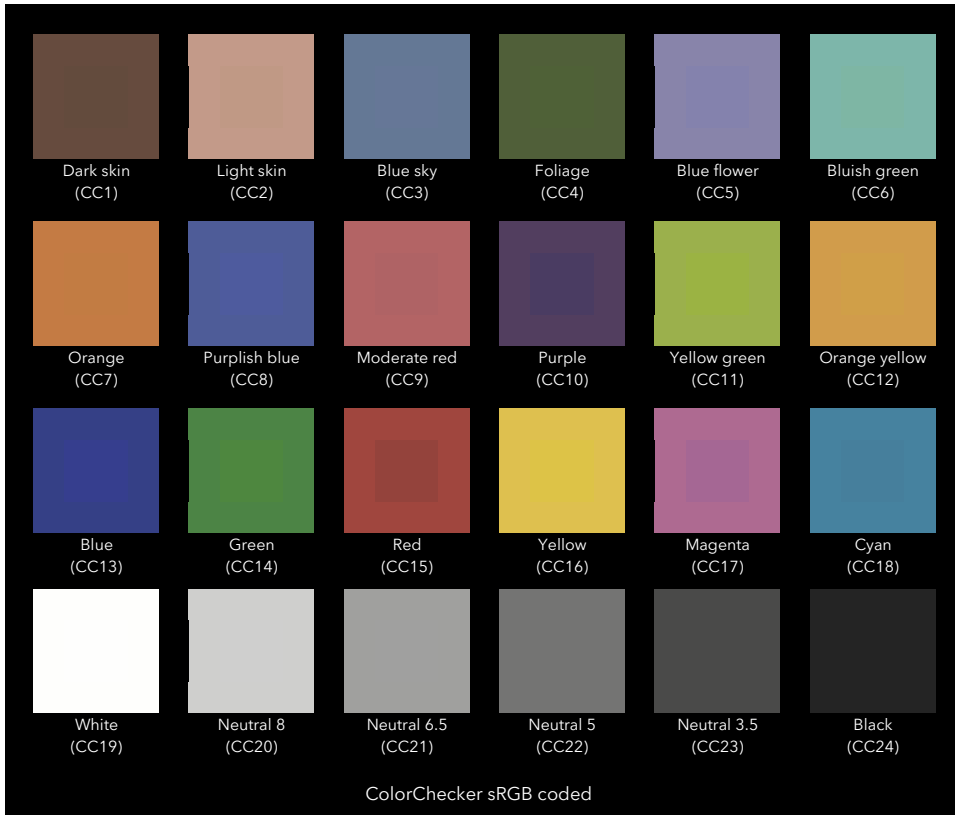
Photometric report

Field angle 56° - Max. zoom - CRI 90

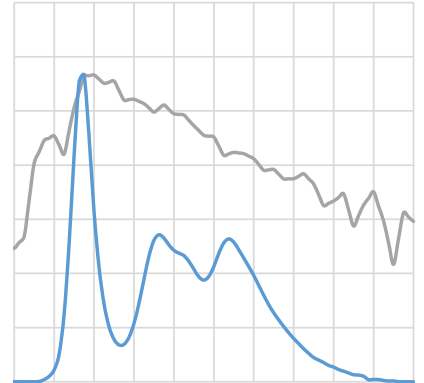
Television Lighting Consistency Index 2012 report

Direct spectrum input: CCT = D6629 (-1.6)

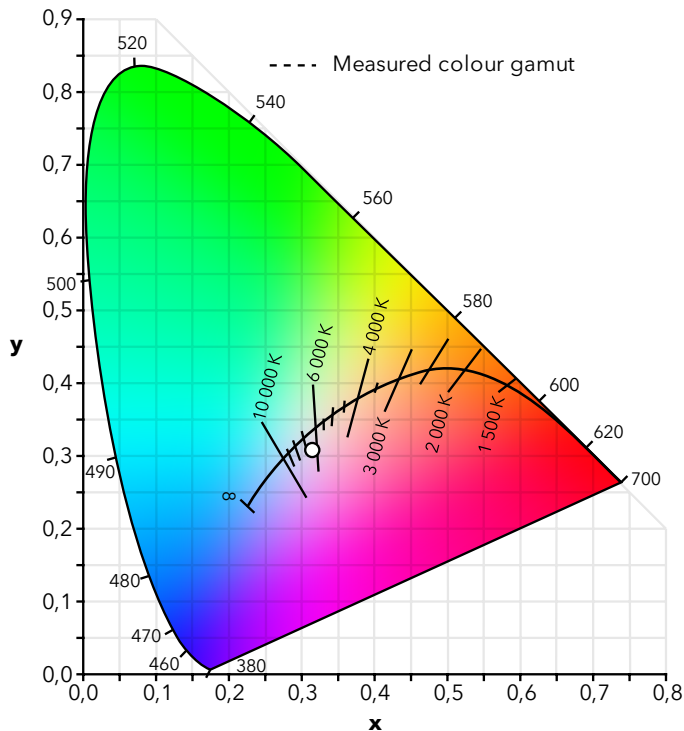
TLCI-2012: 71 (D6629)



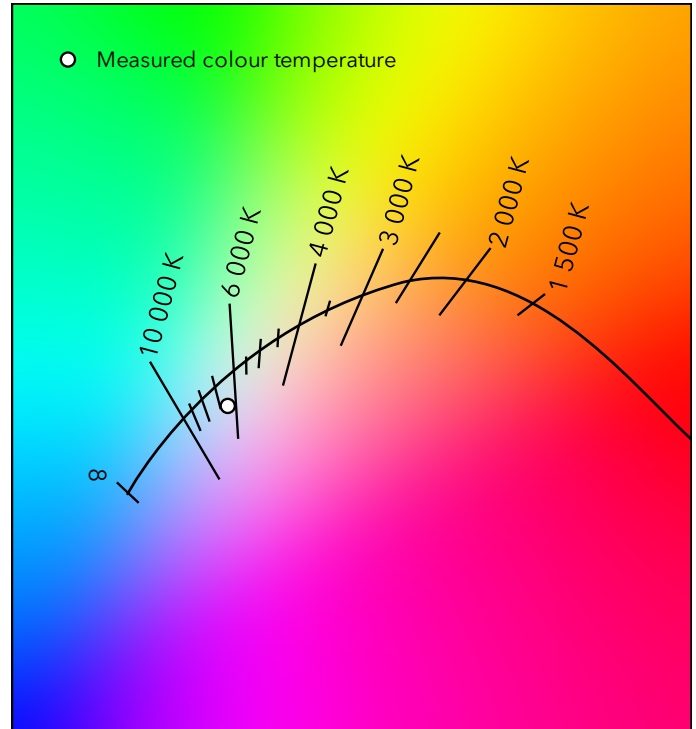
Sector	Lightness	Chroma	Hue
R	++	+	0
R/Y	0	0	--
Y	0	-	--
Y/G	-	--	0
G	-	--	++
G/C	0	0	++++
C	+	0	+
C/B	+	0	-
B	0	--	-
B/M	+	--	++++
M	++	-	+++++
M/R	+++	0	+++++



CIE 1931 color space gamut



Colour temperature



Fixture settings: DMX mode: 1; Fans: High; Dimmer curve: Square Law; Shutter: Open; Dimmer: Open; No effect in light beam

Measurement date: 27.05.2025

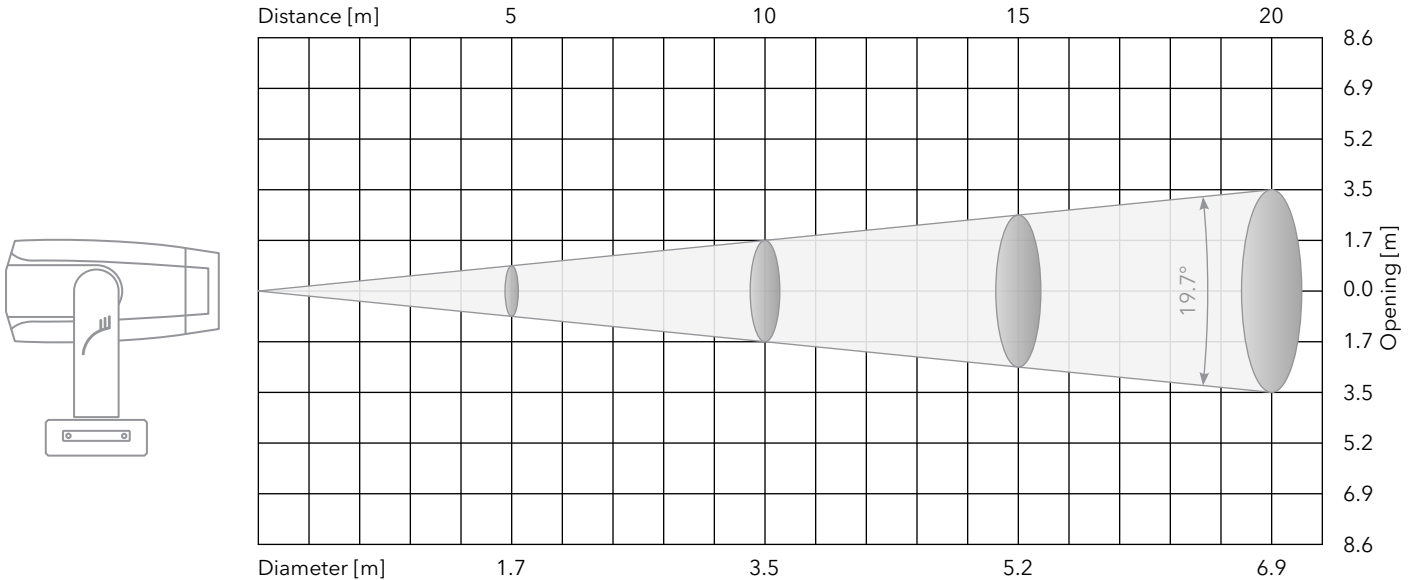
ROBE

iEsprite LTL WB

Photometric report

Field angle 19.7° - Mid. zoom - CRI 70

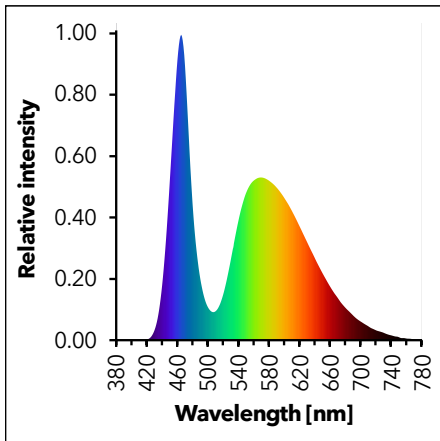
Field angle	Total lumen output (integrating sphere)	Total lumen output (goniophotometer)	Peak candela	Power
19.7°	32155 lm	25724 lm	347675 cd	850 W



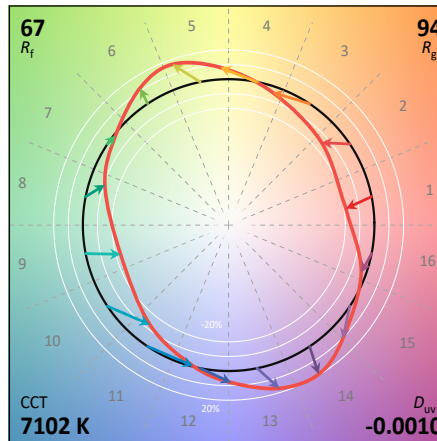
Center beam intensity [lx]/[fcd]; Total lumen output [lm] measured by goniophotometer

Distance	5 m	10 m	15 m	20 m	30 m	40 m	50 m	Total lumens
High Fan Mode	13907/1292	3477/323	1545/144	869/81	386/36	217/20	139/13	25724
Auto Fan Mode	13359/1241	3340/310	1484/138	835/78	371/34	209/19	134/12	24710
Quiet Fan Mode	7130/662	1783/166	792/74	446/41	198/18	111/10	71/7	13188

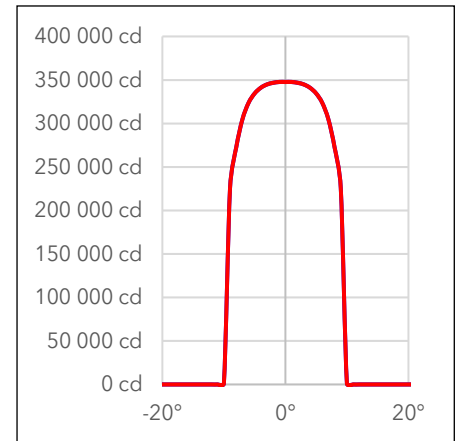
Spectrum



TM-30



Light distribution



Color temperature	CCT*	7102 K
Color Deviation from Black	Duv	-0.0011
Color Coordinate CIE 1931	x	0.3054
	y	0.3136
Color Coordinate	u	0.1986
	v	0.3058

Color rendering index	CRI	68
Red component	CRI R9	-33
Color fidelity	TM30 Rf	67
Color gamut	TM30 Rg	94
Television consistency Index	TLCI	41

*CCT measured in integrating sphere

Fixture settings: DMX mode: 1; Fans: High; Dimmer curve: Square Law; Shutter: Open; Dimmer: Open; No effect in light beam

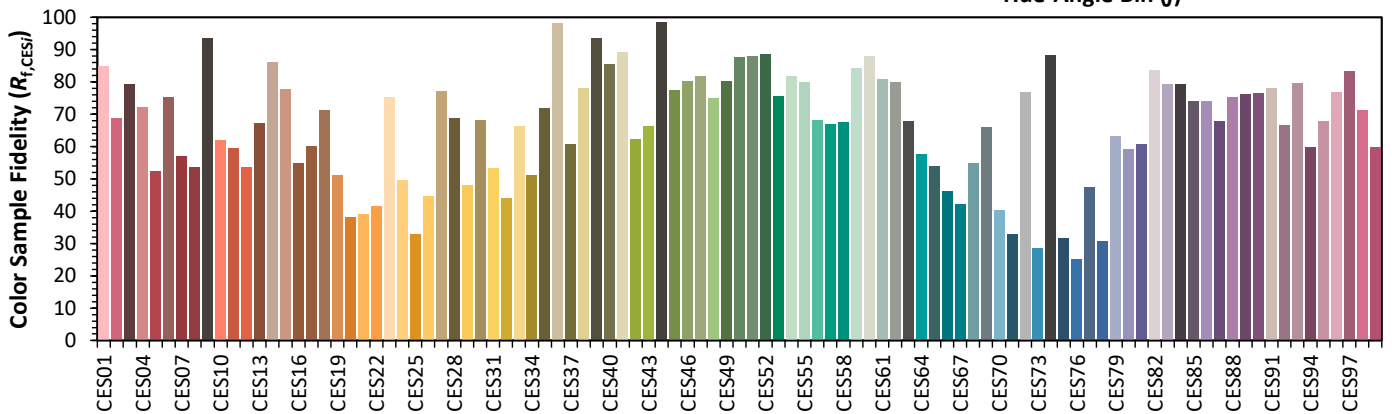
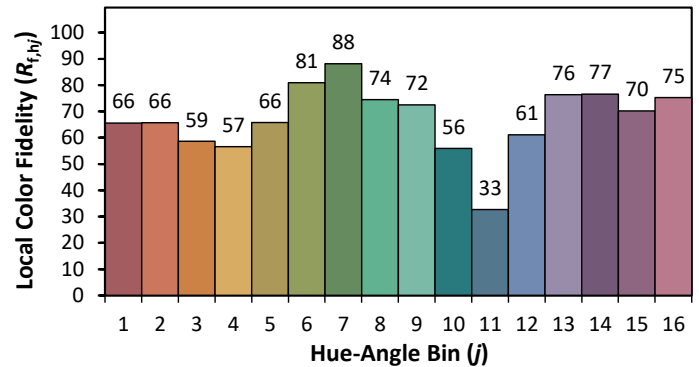
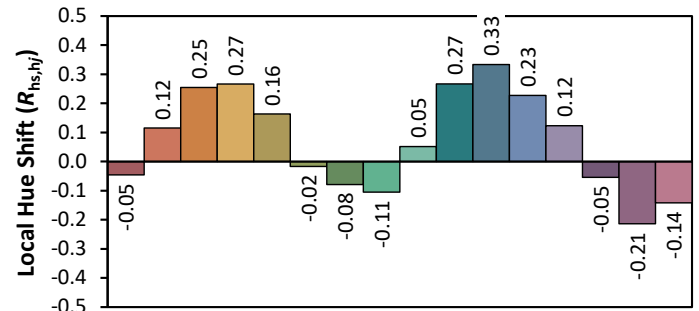
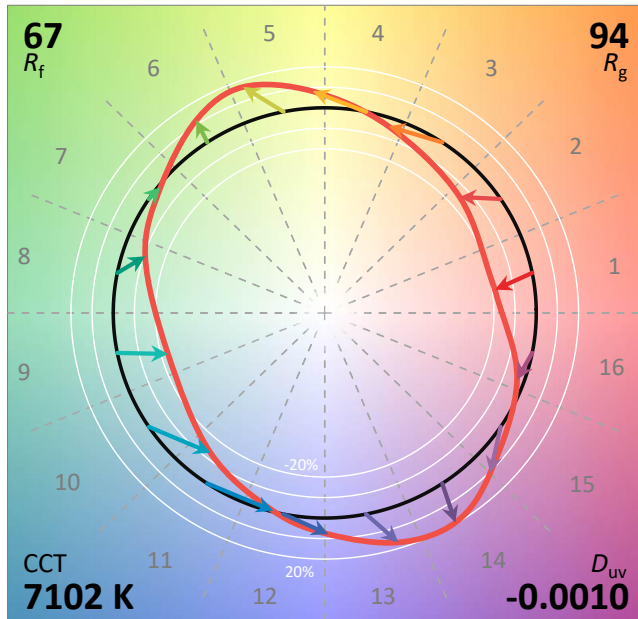
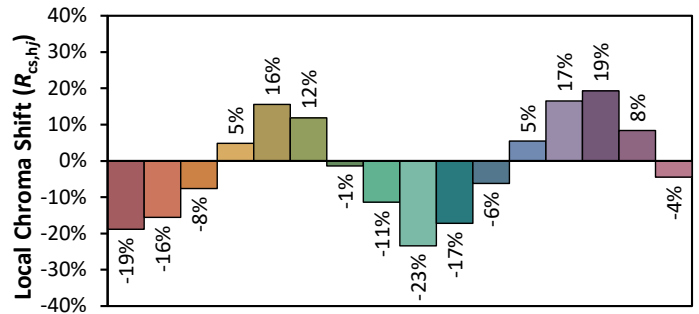
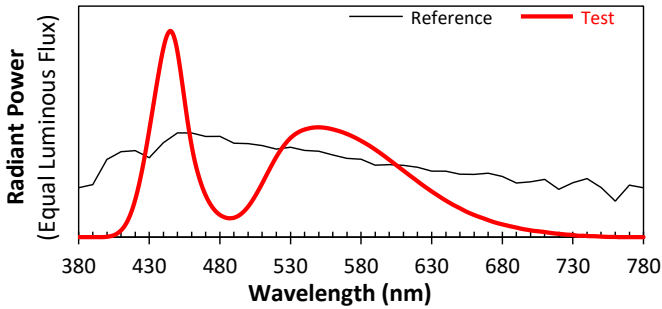
Measurement date: 27.05.2025

iEsprite LTL WB

Photometric report

Field angle 19.7° - Mid. zoom - CRI 70

ANSI/IES TM-30-18 Color Rendition Report



Notes:

x 0.3054

y 0.3136

u' 0.1986

v' 0.4588

CIE 13.3-1995
(CRI)

R_a 68

R_g -33

Fixture settings: DMX mode: 1; Fans: High; Dimmer curve: Square Law; Shutter: Open; Dimmer: Open; No effect in light beam

Measurement date: 27.05.2025

ROBE

iEsprite LTL WB

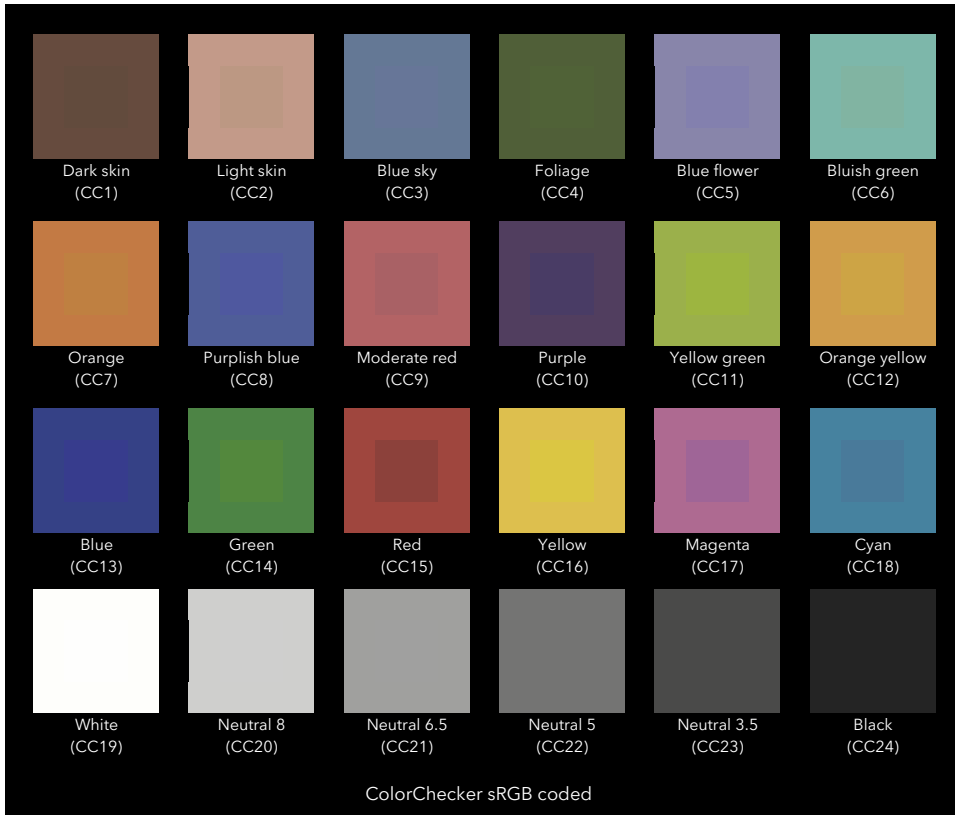
Photometric report

Field angle 19.7° - Mid. zoom - CRI 70

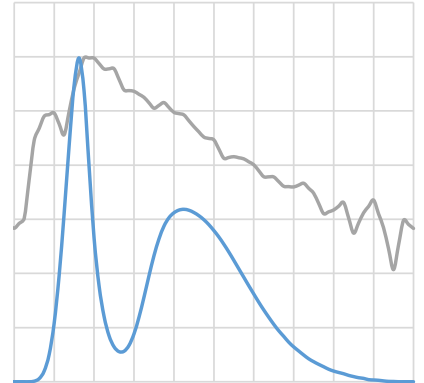
Television Lighting Consistency Index 2012 report

Direct spectrum input: CCT = D7102 (-0.2)

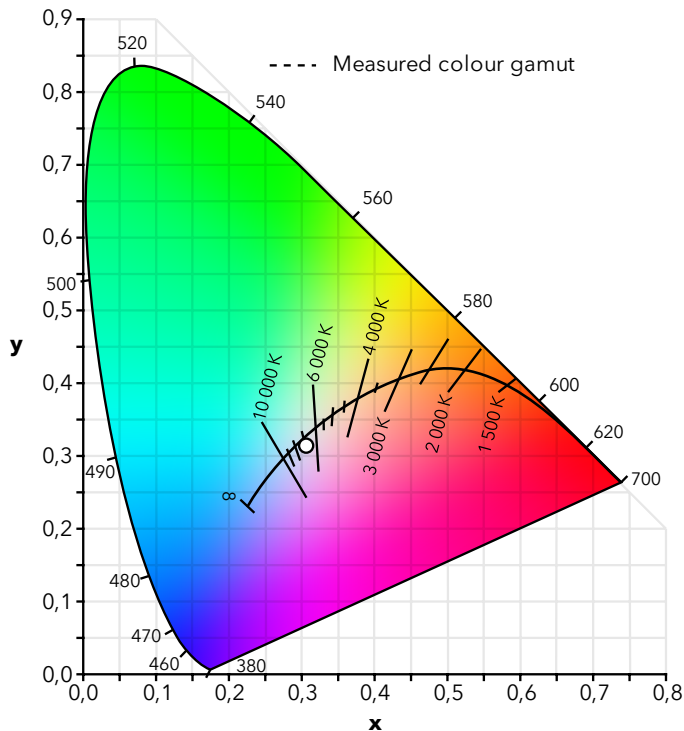
TLCI-2012: 41 (D7102)



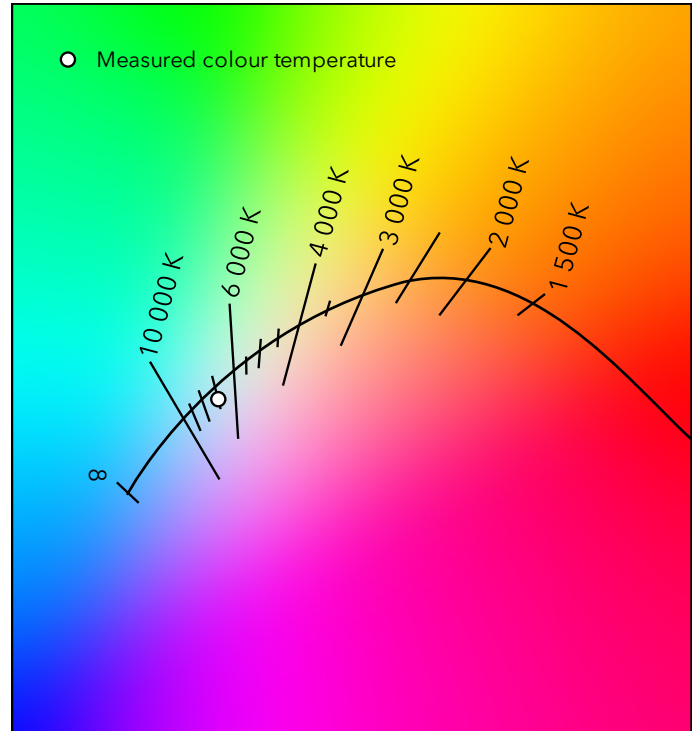
Sector	Lightness	Chroma	Hue
R	+++++	+++	+
R/Y	0	+	----
Y	--	--	-----
Y/G	-	---	0
G	--	--	+++
G/C	+	0	++++
C	+++	0	0
C/B	++++	0	----
B	0	---	----
B/M	++	----	++
M	+++++	-	++++++
M/R	+++++	-	++++++



CIE 1931 color space gamut



Colour temperature



Fixture settings: DMX mode: 1; Fans: High; Dimmer curve: Square Law; Shutter: Open; Dimmer: Open; No effect in light beam

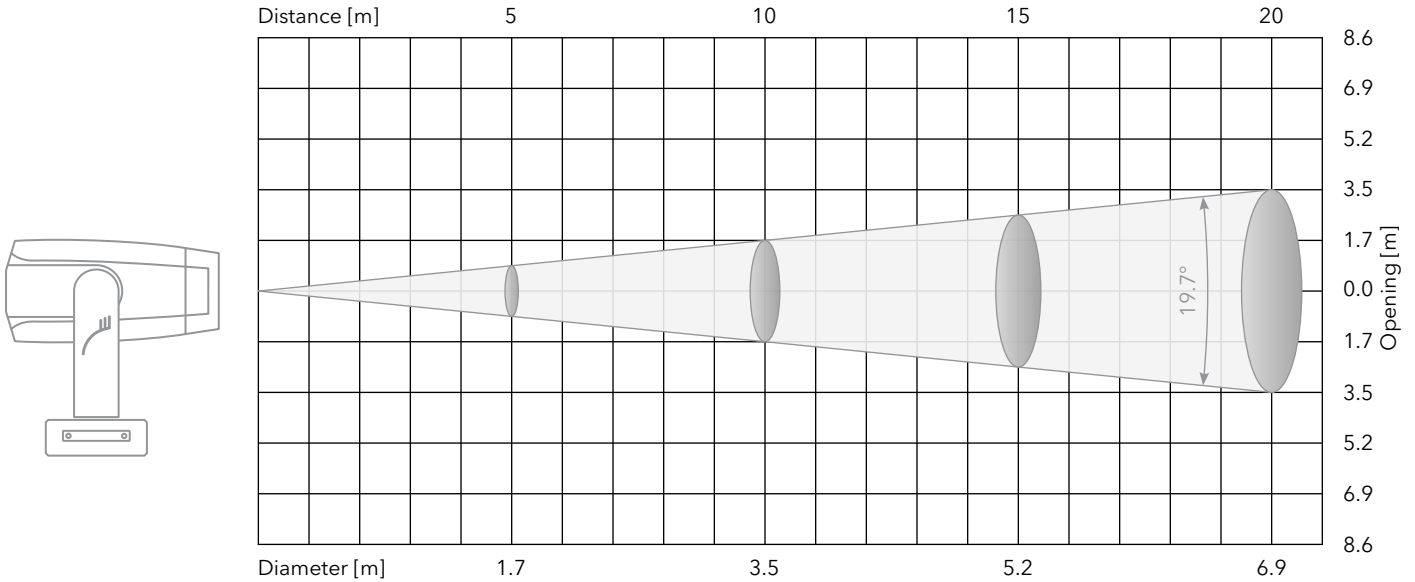
Measurement date: 27.05.2025

iEsprite LTL WB

Photometric report

Field angle 19.7° - Mid. zoom - CRI 80

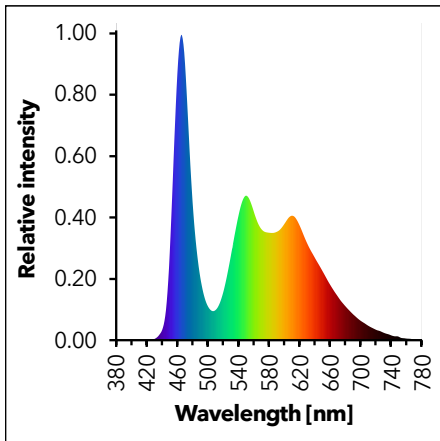
Field angle	Total lumen output (integrating sphere)	Total lumen output (goniophotometer)	Peak candela	Power
19.7°	25049 lm	20039 lm	270850 cd	850 W



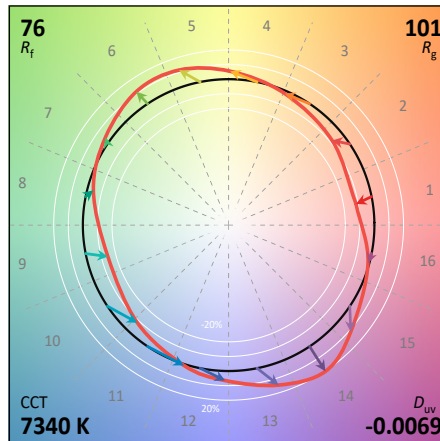
Center beam intensity [lx]/[fcd]; Total lumen output [lm] measured by goniophotometer

Distance	5 m	10 m	15 m	20 m	30 m	40 m	50 m	Total lumens
High Fan Mode	10834/1007	2709/252	1204/112	677/63	301/28	169/16	108/10	20039
Auto Fan Mode	10407/967	2602/242	1156/107	650/60	289/27	163/15	104/10	19249
Quiet Fan Mode	5554/516	1389/129	617/57	347/32	154/14	87/8	56/5	10273

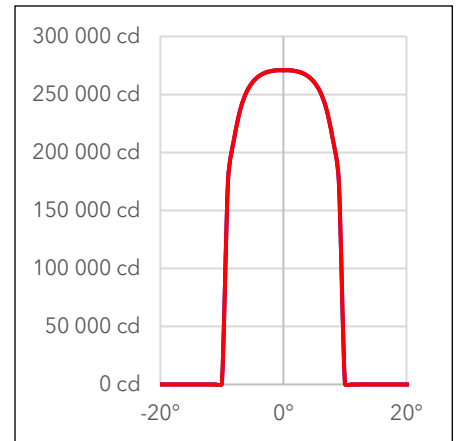
Spectrum



TM-30



Light distribution



Color temperature	CCT*	7340 K
Color Deviation from Black	Duv	-0.0069
Color Coordinate CIE 1931	x	0.3047
	y	0.3020
Color Coordinate	u	0.2026
	v	0.3013

Color rendering index	CRI	80
Red component	CRI R9	18
Color fidelity	TM30 Rf	76
Color gamut	TM30 Rg	101
Television consistency Index	TLCI	60

*CCT measured in integrating sphere

Fixture settings: DMX mode: 1; Fans: High; Dimmer curve: Square Law; Shutter: Open; Dimmer: Open; No effect in light beam

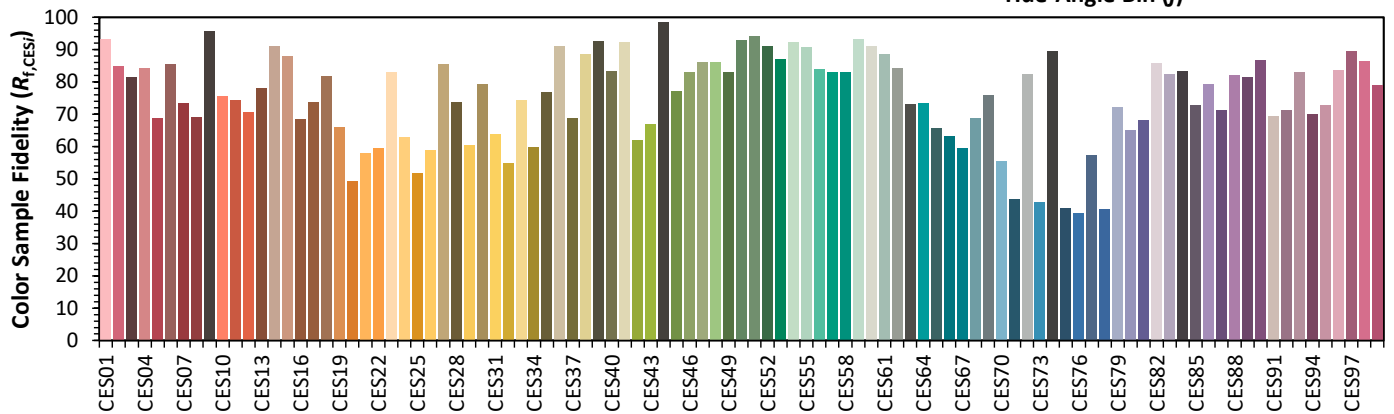
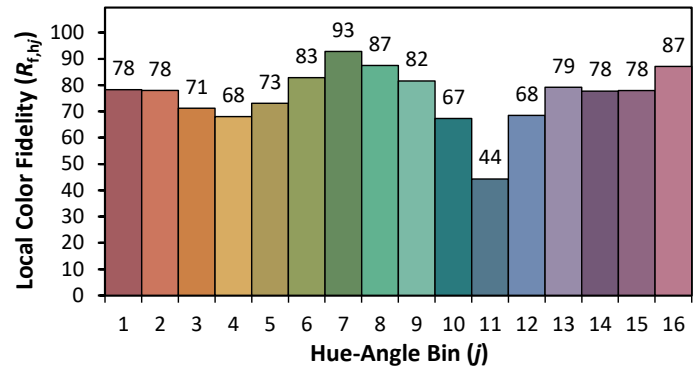
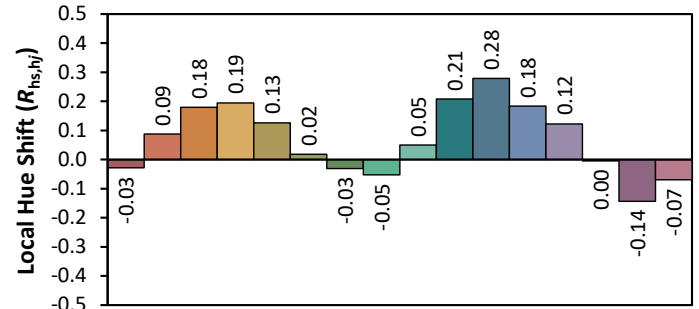
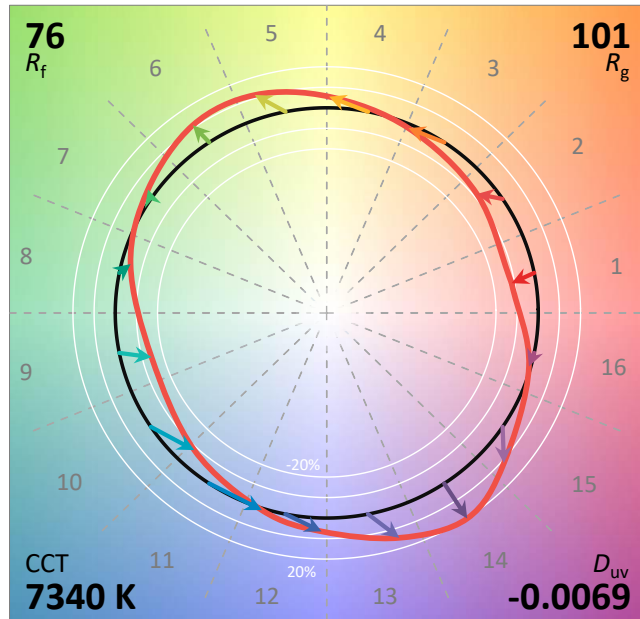
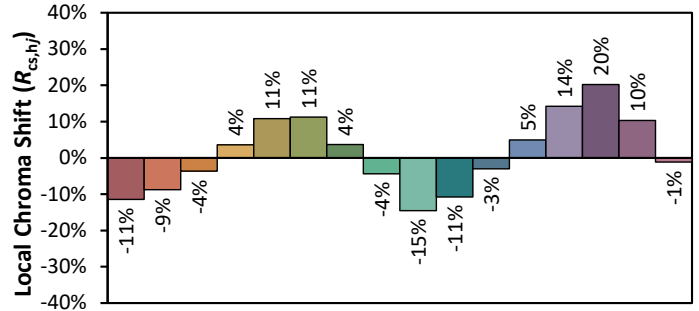
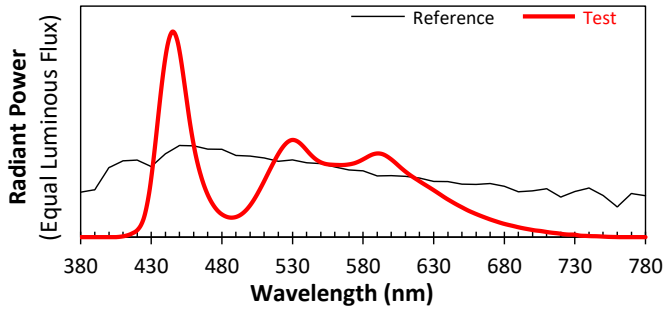
Measurement date: 27.05.2025

iEsprite LTL WB

Photometric report

Field angle 19.7° - Mid. zoom - CRI 80

ANSI/IES TM-30-18 Color Rendition Report



Notes:

x 0.3047

y 0.3020

u' 0.2026

v' 0.4519

CIE 13.3-1995
(CRI)

R_a 80

R_g 18

Fixture settings: DMX mode: 1; Fans: High; Dimmer curve: Square Law; Shutter: Open; Dimmer: Open; No effect in light beam

Measurement date: 27.05.2025

ROBE

iEsprite LTL WB

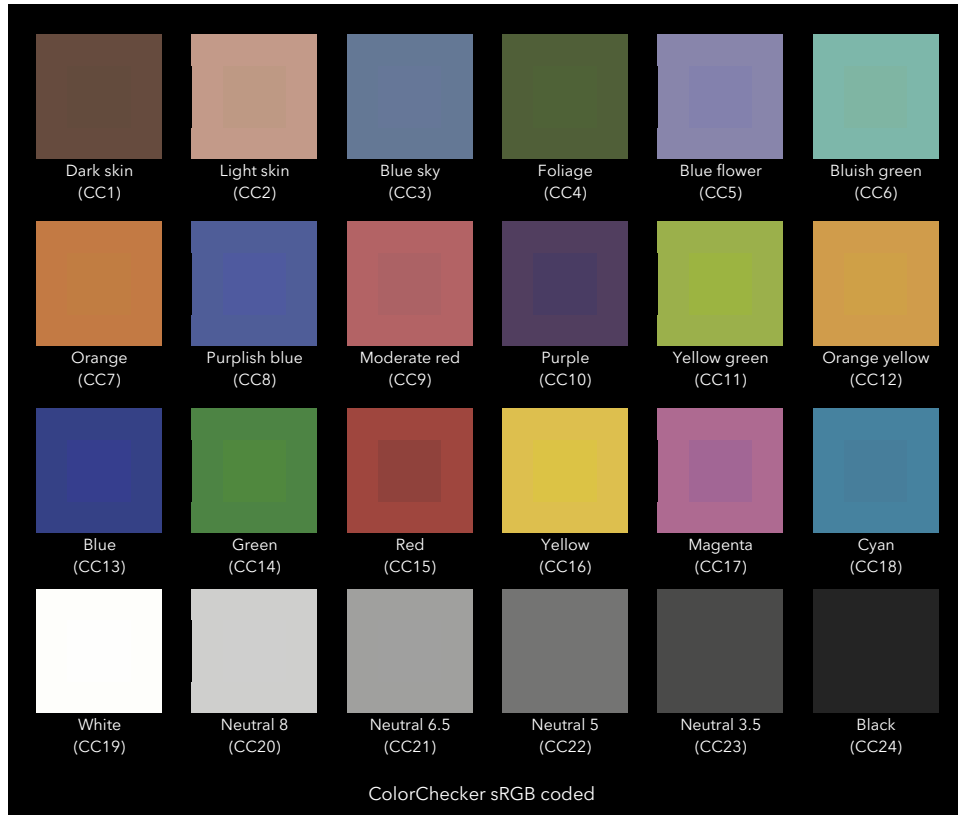
Photometric report

Field angle 19.7° - Mid. zoom - CRI 80

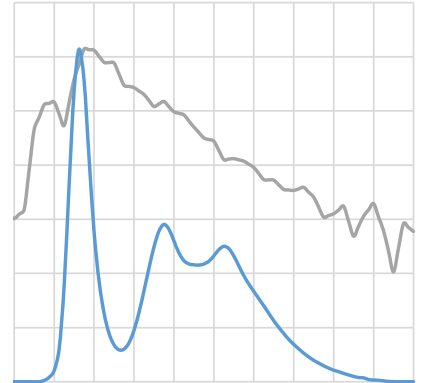
Television Lighting Consistency Index 2012 report

Direct spectrum input: CCT = D7340 (-1.3)

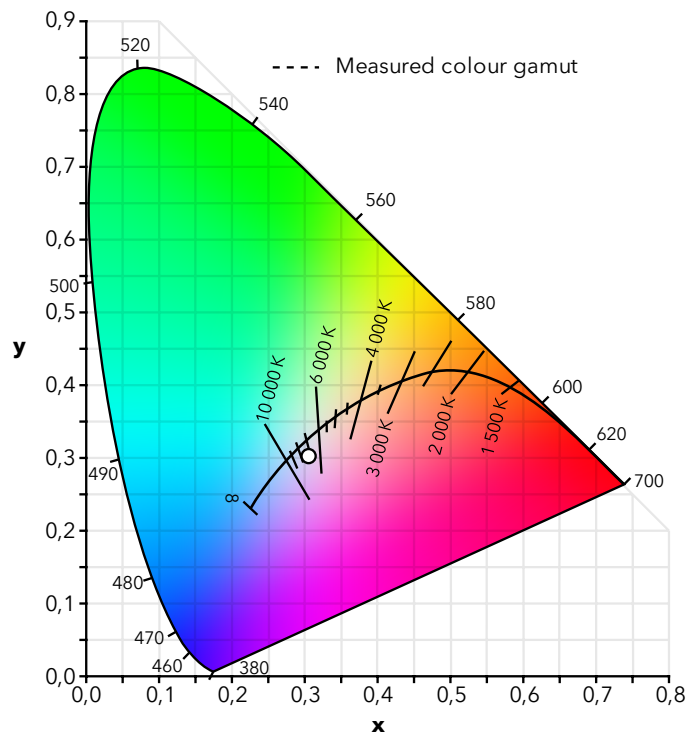
TLCI-2012: 60 (D7340)



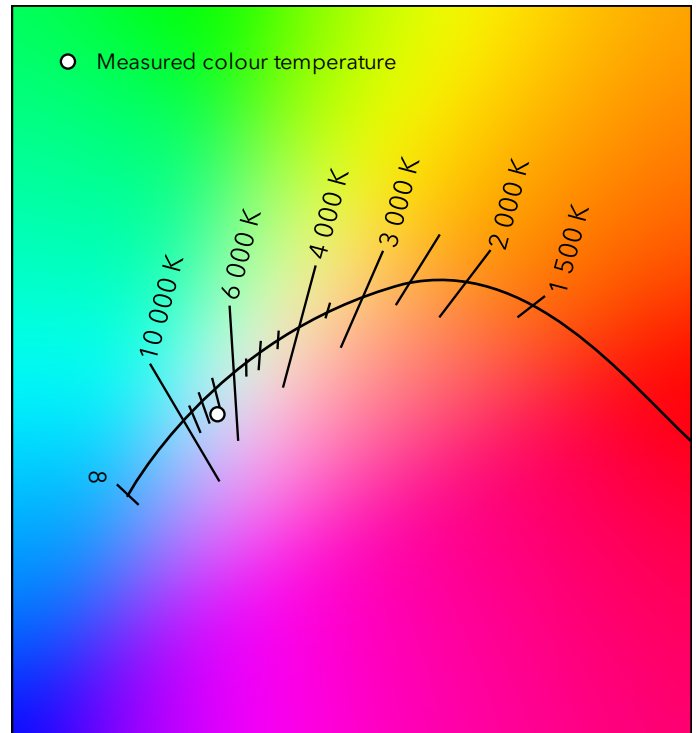
Sector	Lightness	Chroma	Hue
R	+++	++	+
R/Y	0	0	---
Y	-	-	----
Y/G	-	--	0
G	--	--	++
G/C	0	0	++++
C	+	0	+
C/B	++	0	--
B	0	---	--
B/M	+	--	+++++
M	++	-	+++++
M/R	++++	0	+++++



CIE 1931 color space gamut



Colour temperature



Fixture settings: DMX mode: 1; Fans: High; Dimmer curve: Square Law; Shutter: Open; Dimmer: Open; No effect in light beam

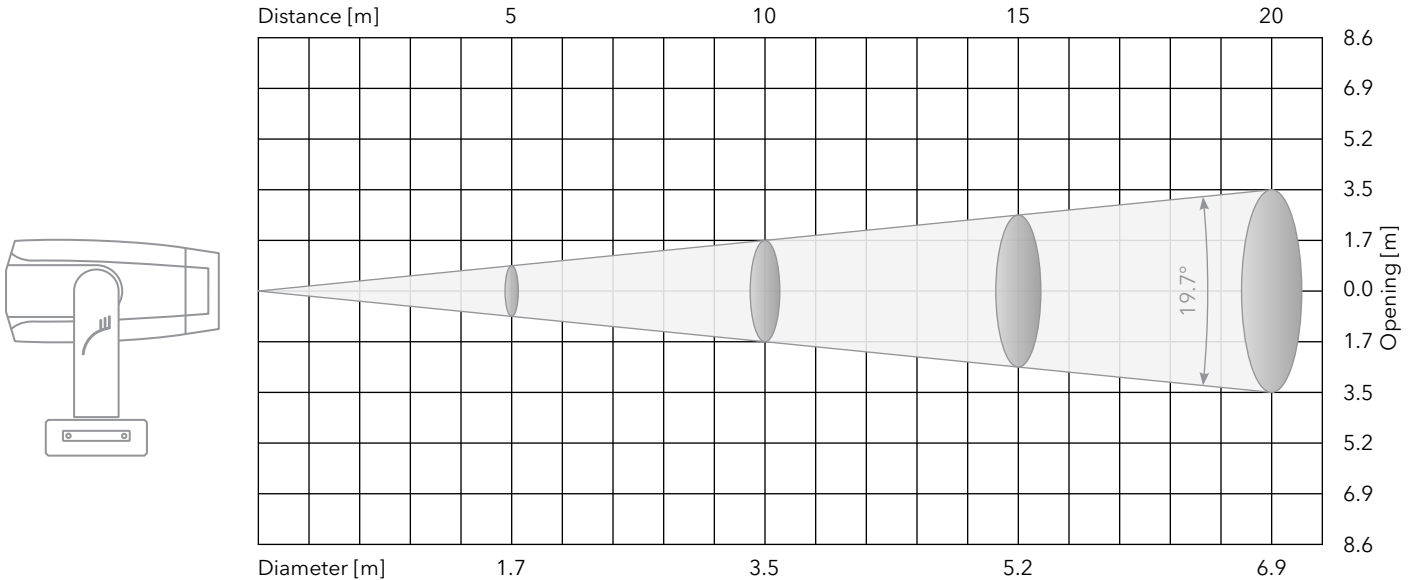
Measurement date: 27.05.2025

iEsprite LTL WB

Photometric report

Field angle 19.7° - Mid. zoom - CRI 90

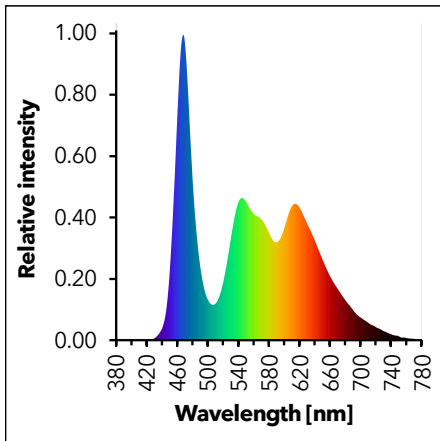
Field angle	Total lumen output (integrating sphere)	Total lumen output (goniophotometer)	Peak candela	Power
19.7°	21786 lm	17429 lm	235550 cd	850 W



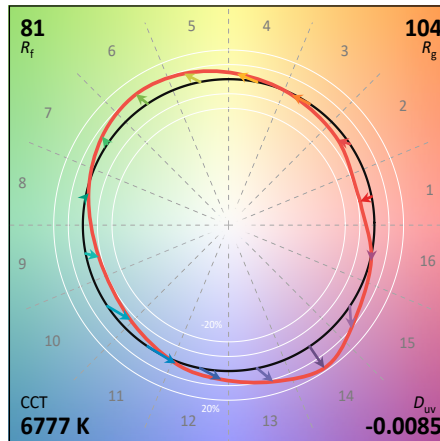
Center beam intensity [lx]/[fcd]; Total lumen output [lm] measured by goniophotometer

Distance	5 m	10 m	15 m	20 m	30 m	40 m	50 m	Total lumens
High Fan Mode	9422/875	2356/219	1047/97	589/55	262/24	147/14	94/9	17429
Auto Fan Mode	9051/841	2263/210	1006/93	566/53	251/23	141/13	91/8	16743
Quiet Fan Mode	4830/449	1208/112	537/50	302/28	134/12	75/7	48/4.5	8935

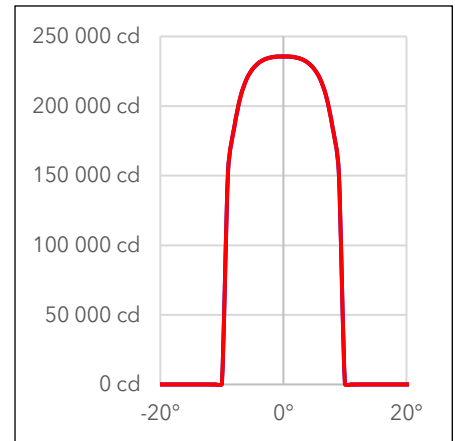
Spectrum



TM-30



Light distribution



Color temperature	CCT*	6777 K
Color Deviation from Black	Duv	-0.0085
Color Coordinate CIE 1931	x	0.3118
	y	0.3062
Color Coordinate	u	0.2061
	v	0.3036

Color rendering index	CRI	86
Red component	CRI R9	41
Color fidelity	TM30 Rf	81
Color gamut	TM30 Rg	104
Television consistency Index	TLCI	71

*CCT measured in integrating sphere

Fixture settings: DMX mode: 1; Fans: High; Dimmer curve: Square Law; Shutter: Open; Dimmer: Open; No effect in light beam

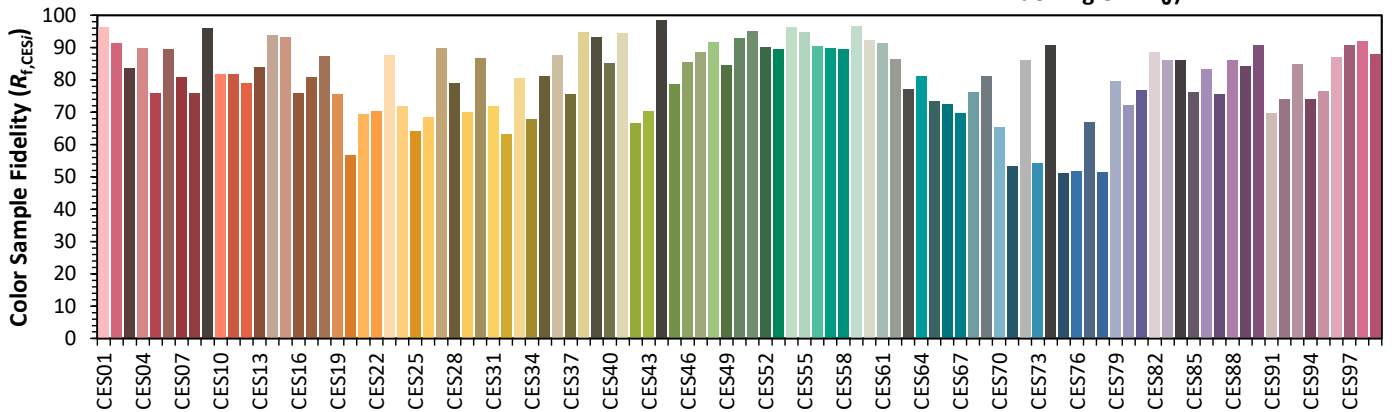
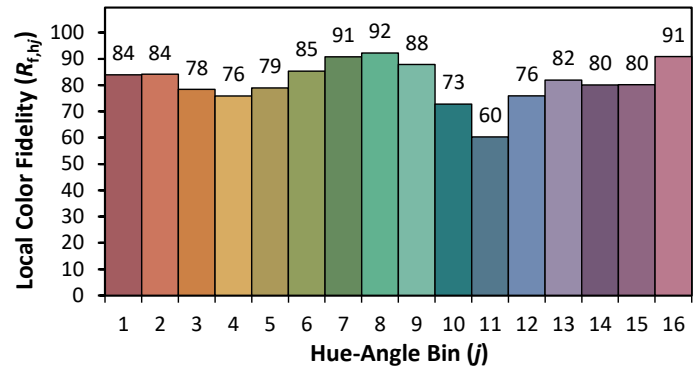
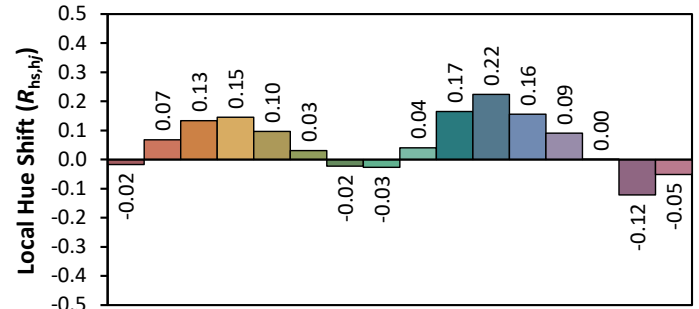
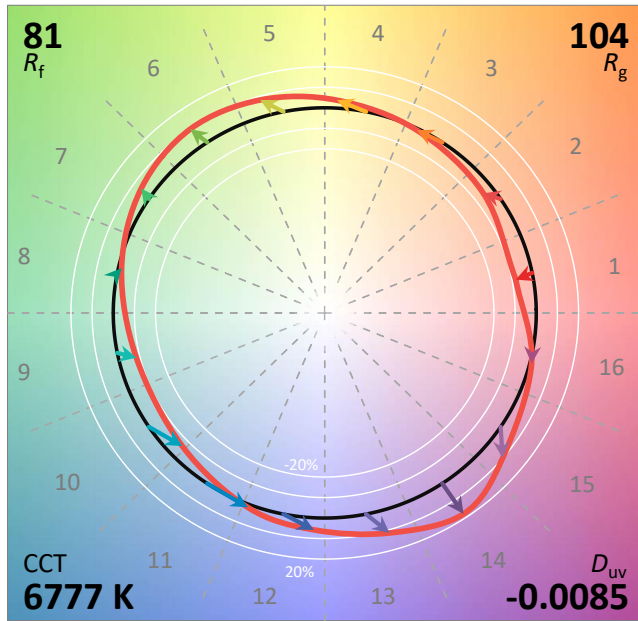
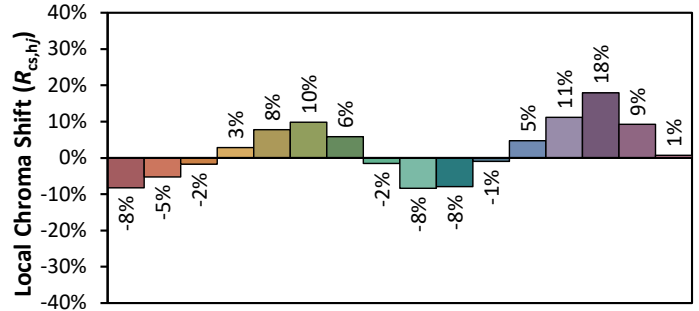
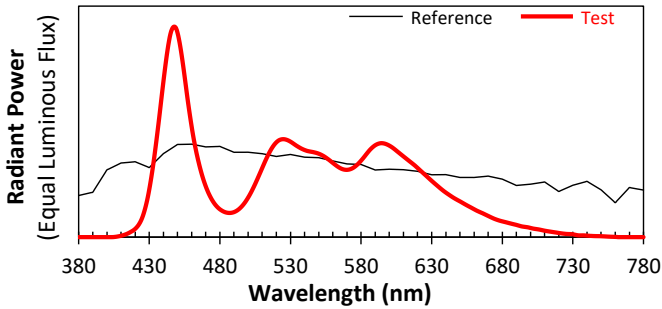
Measurement date: 27.05.2025

iEsprite LTL WB

Photometric report

Field angle 19.7° - Mid. zoom - CRI 90

ANSI/IES TM-30-18 Color Rendition Report



Notes:

x 0.3118

y 0.3063

u' 0.2061

v' 0.4555

CIE 13.3-1995
(CRI)

R_a 86

R_g 41

Fixture settings: DMX mode: 1; Fans: High; Dimmer curve: Square Law; Shutter: Open; Dimmer: Open; No effect in light beam

Measurement date: 27.05.2025

ROBE

iEsprite LTL WB

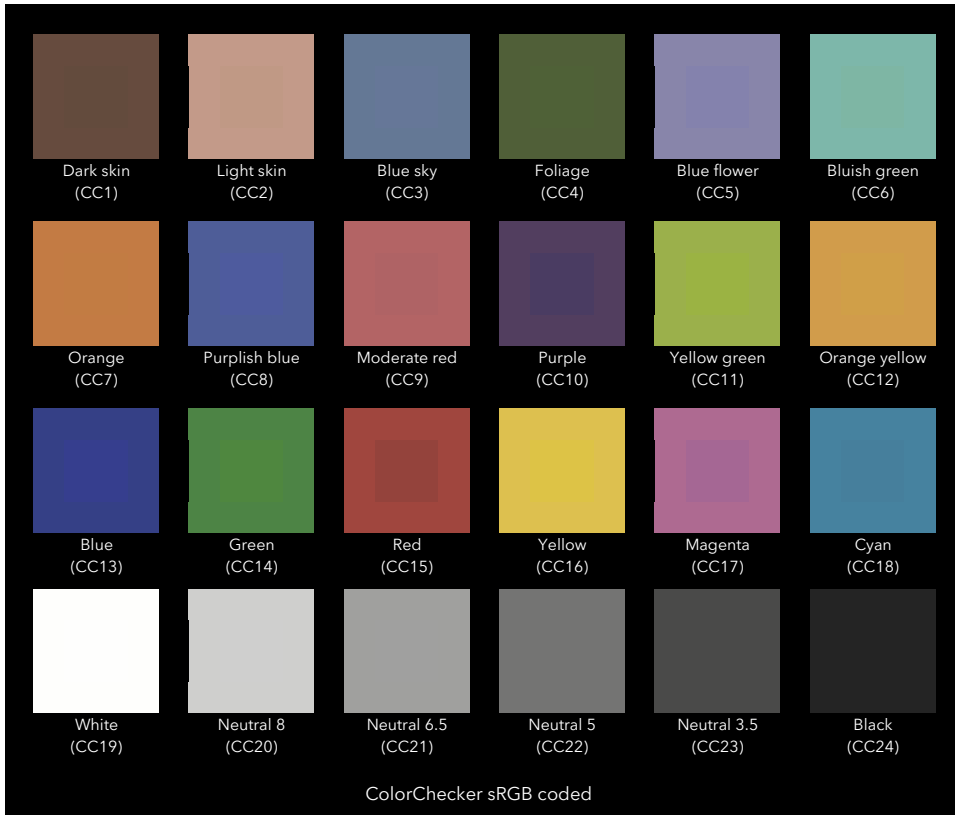
Photometric report

Field angle 19.7° - Mid. zoom - CRI 90

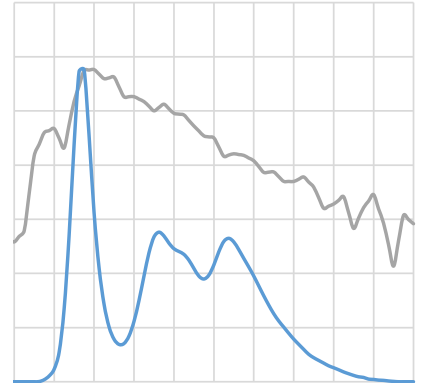
Television Lighting Consistency Index 2012 report

Direct spectrum input: CCT = D6777 (-1.6)

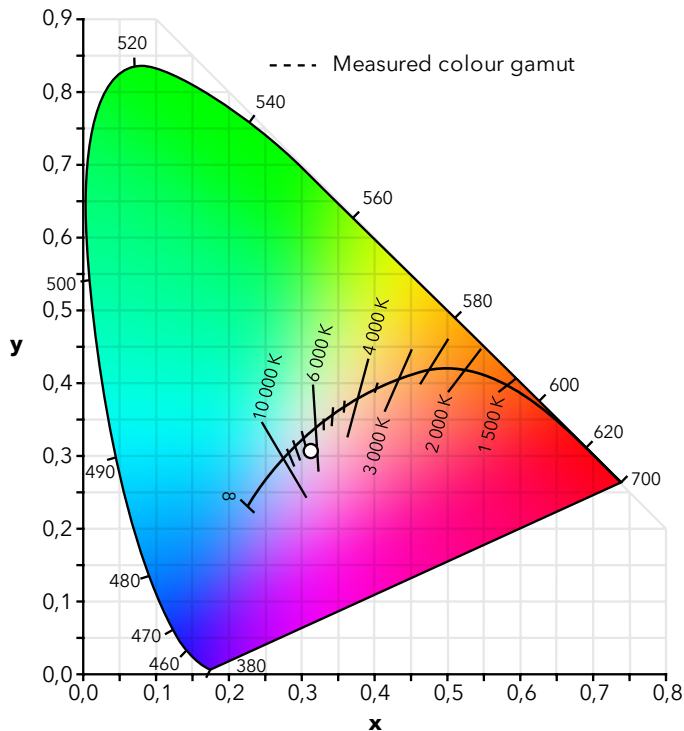
TLCI-2012: 71 (D6777)



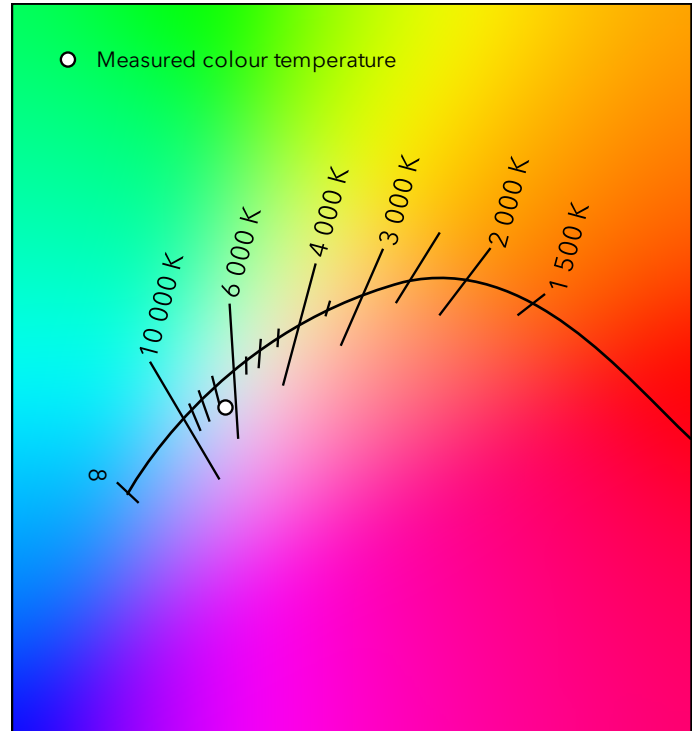
Sector	Lightness	Chroma	Hue
R	++	+	0
R/Y	0	0	--
Y	0	-	--
Y/G	-	--	0
G	-	--	++
G/C	0	0	++++
C	+	0	+
C/B	+	0	0
B	0	--	-
B/M	+	--	++++
M	++	-	+++++
M/R	+++	0	+++++



CIE 1931 color space gamut



Colour temperature



Fixture settings: DMX mode: 1; Fans: High; Dimmer curve: Square Law; Shutter: Open; Dimmer: Open; No effect in light beam

Measurement date: 27.05.2025

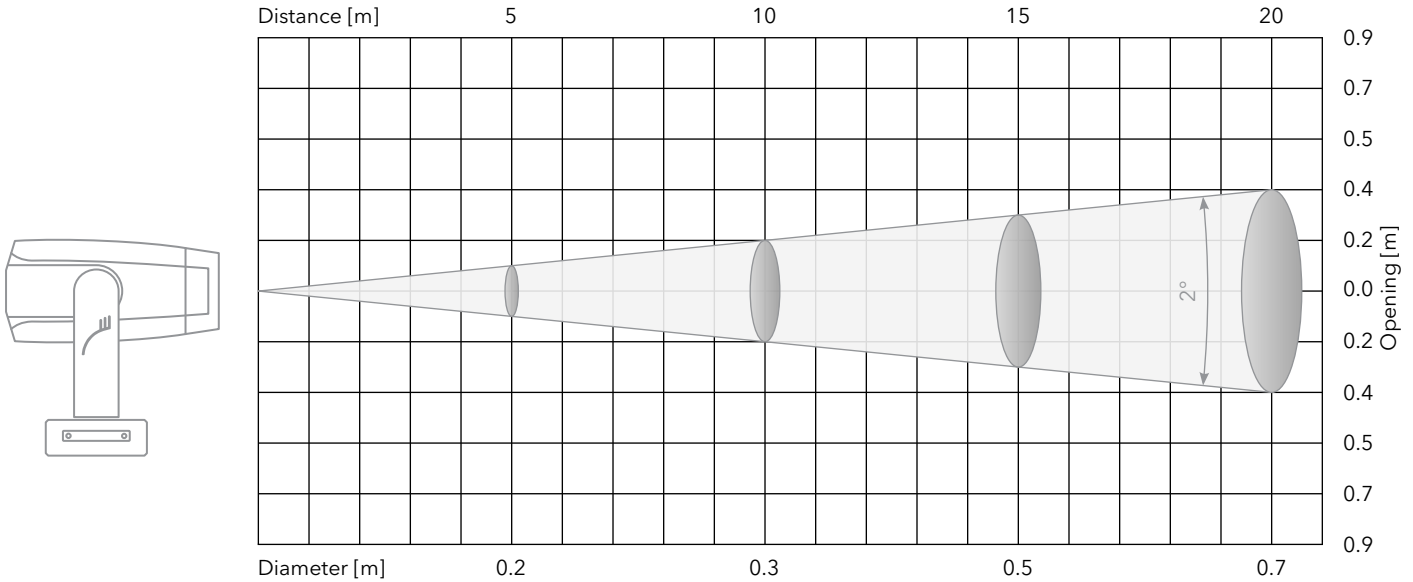
ROBE

iEsprite LTL WB

Photometric report

Beam angle 2° - Min. zoom Beam reducer

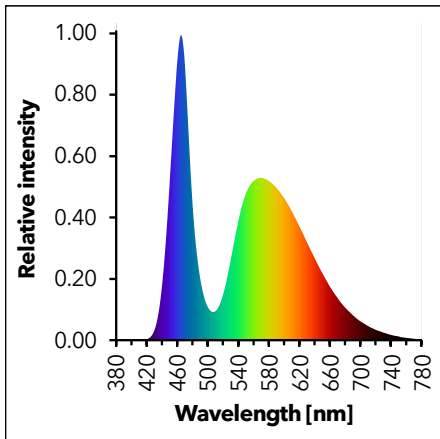
Beam angle	Total lumen output (integrating sphere)	Total lumen output (goniophotometer)	Peak candela	Power
2°	6304 lm	6004 lm	6480950 cd	850 W



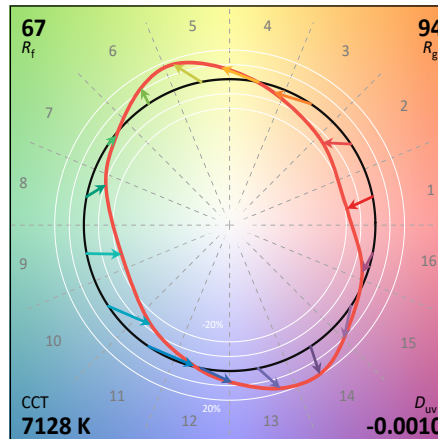
Center beam intensity [lx]/[fcd]; Total lumen output [lm] measured by goniophotometer

Distance	5 m	10 m	15 m	20 m	30 m	40 m	50 m	Total lumens
High Fan Mode	259238/24084	64810/6021	28804/2676	16202/1505	7201/669	4051/376	2592/241	6004
Auto Fan Mode	249019/23135	62255/5784	27669/2571	15564/1446	6917/643	3891/361	2490/231	5767
Quiet Fan Mode	132900/12347	33225/3087	14767/1372	8306/772	3692/343	2077/193	1329/123	3078

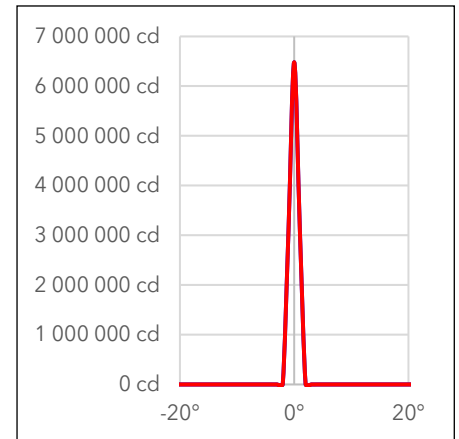
Spectrum



TM-30



Light distribution



Color temperature	CCT*	7128 K
Color Deviation from Black	Duv	-0.0010
Color Coordinate CIE 1931	x	0.3051
	y	0.3132
Color Coordinate	u	0.1985
	v	0.3057

Color rendering index	CRI	68
Red component	CRI R9	-33
Color fidelity	TM30 Rf	67
Color gamut	TM30 Rg	94
Television consistency Index	TLCI	41

*CCT measured in integrating sphere

Fixture settings: DMX mode: 1; Fans: High; Dimmer curve: Square Law; Shutter: Open; Dimmer: Open; Beam reducer

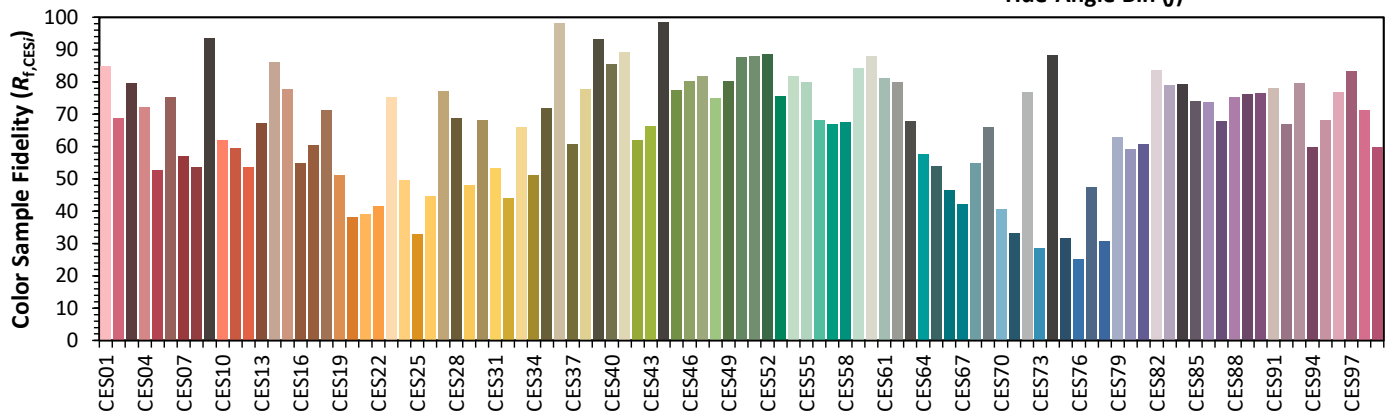
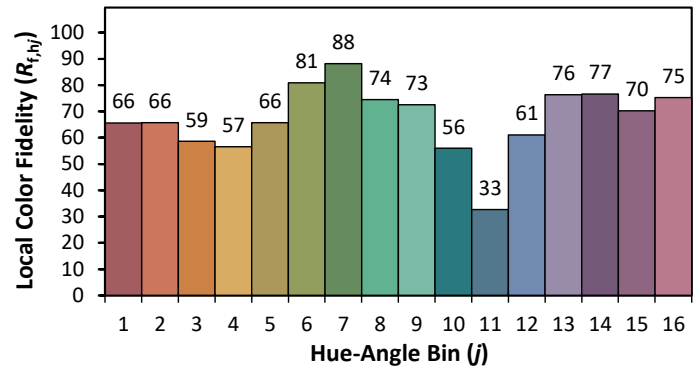
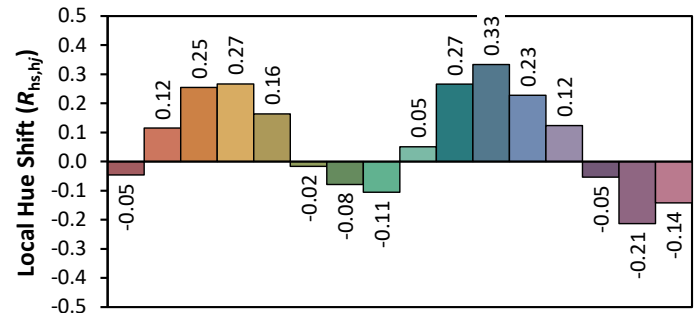
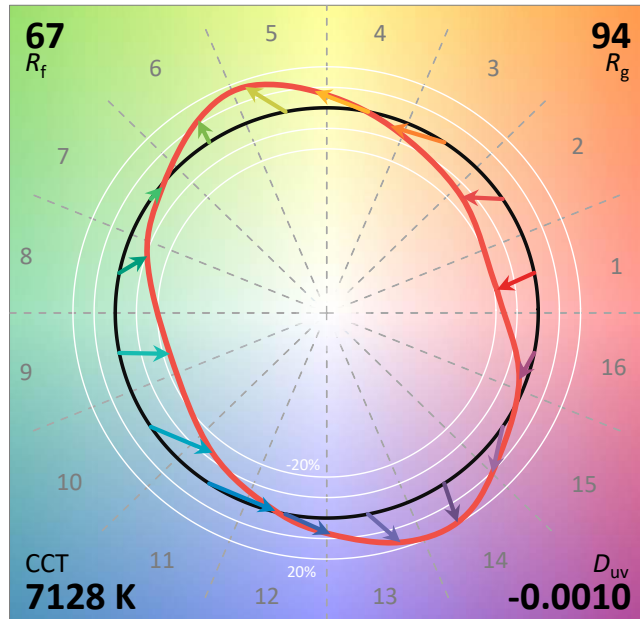
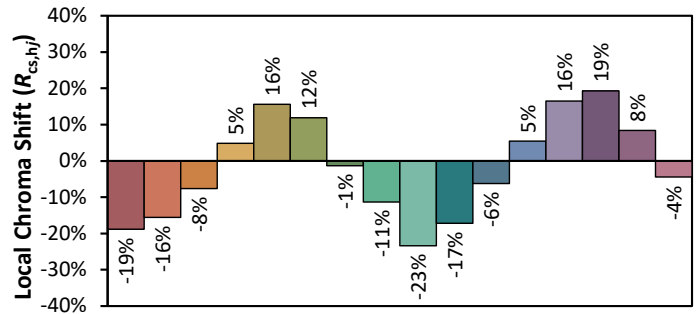
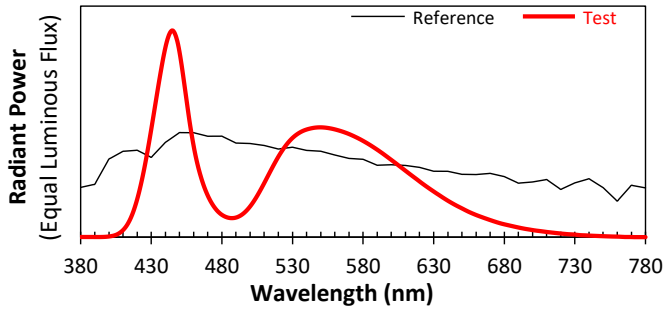
Measurement date: 27.05.2025

iEsprite LTL WB

Photometric report

Beam angle 2° - Min. zoom Beam reducer

ANSI/IES TM-30-18 Color Rendition Report



Notes:

x 0.3051

y 0.3133

u' 0.1985

v' 0.4585

CIE 13.3-1995
(CRI)

R_a 68

R_g -33

Fixture settings: DMX mode: 1; Fans: High; Dimmer curve: Square Law; Shutter: Open; Dimmer: Open; Beam reducer

Measurement date: 27.05.2025

ROBE

iEsprite LTL WB

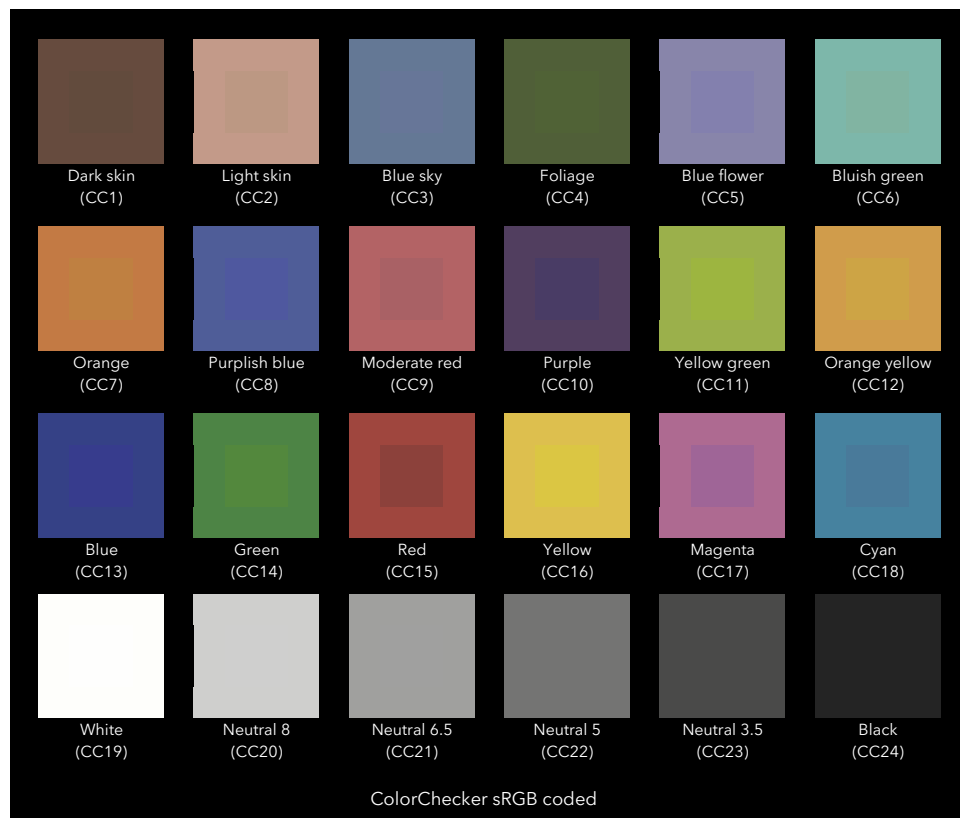
Photometric report

Beam angle 2° - Min. zoom Beam reducer

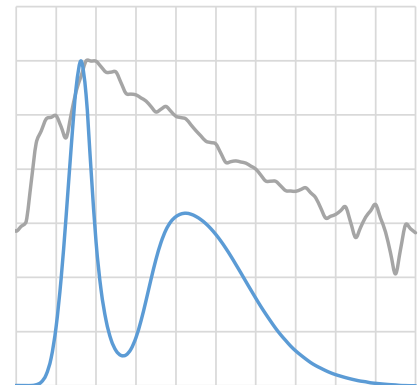
Television Lighting Consistency Index 2012 report

Direct spectrum input: CCT = D7128 (-0.2)

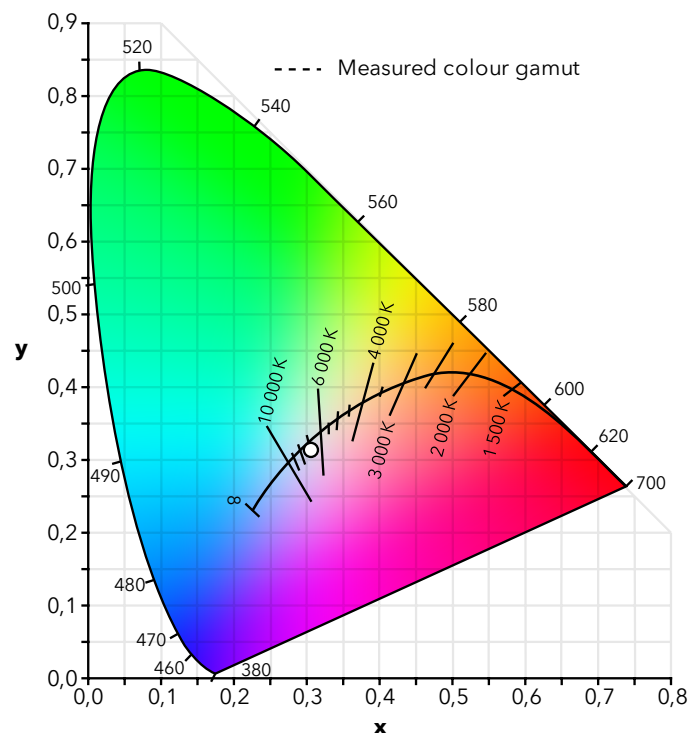
TLCI-2012: 41 (D7128)



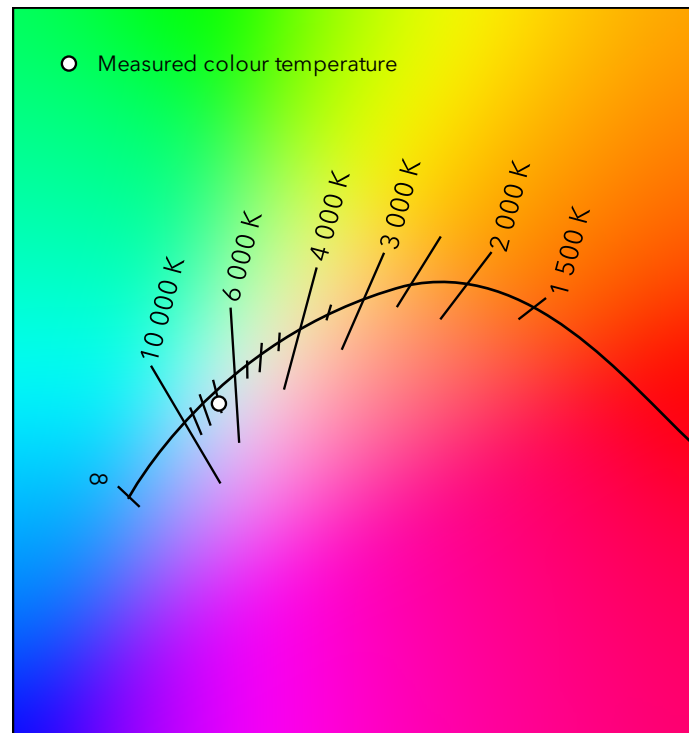
Sector	Lightness	Chroma	Hue
R	+++++	+++	+
R/Y	0	+	----
Y	--	--	-----
Y/G	-	---	0
G	--	--	+++
G/C	+	0	++++
C	+++	0	0
C/B	++++	0	----
B	0	---	----
B/M	++	----	++
M	+++++	-	++++++
M/R	+++++	-	++++++



CIE 1931 color space gamut



Colour temperature



Fixture settings: DMX mode: 1; Fans: High; Dimmer curve: Square Law; Shutter: Open; Dimmer: Open; Beam reducer

Measurement date: 27.05.2025

ROBE