

VL800 EVENTPROFILE

► Photometric Data(Standard mode, Minimum angle)

Luminaire specifications

Optical system: Zoom range from 7.4 to 42.7 degree @50%

Beam angle(50%): 7.4 degree

Field angle(10%): 8.8 degree

CRI: 69(Ra)

CCT: 6403K

Tm30: Rf/67 Rg/94

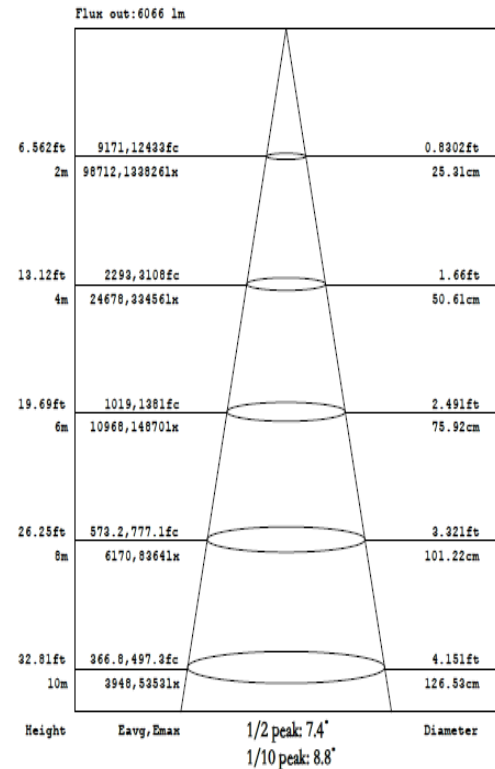
Illuminance

DISTANCE	3m	5m	10m	15m
COLOR	Lux	Lux	Lux	Lux
7000K(Full on)	73400	27300	6900	1650

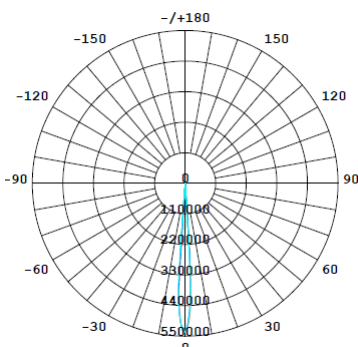
Light output

COLOR	Total(lumens)	Power(watts)	Efficacy(lm/w)
7000K (Full on)	8075.5	411	20

Full intensity in 7000K



Light distribution



Measured on: 7000K(Full on)

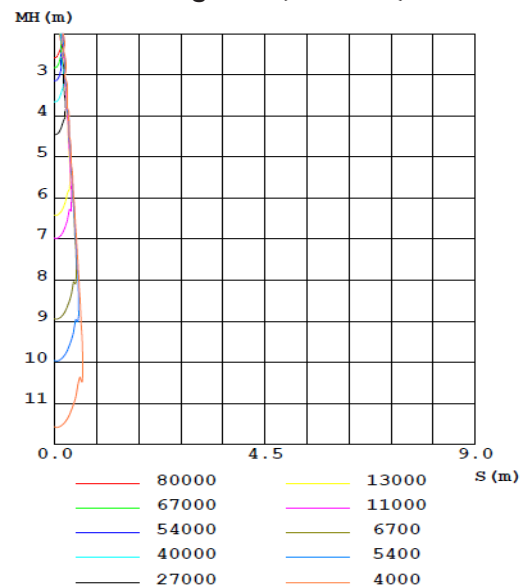
Beam center: 535365cd

Thin dashed lined: Indicates 50% of Peak

Beam angle(50%): 7.4 degree

Field angle(10%): 8.8 degree

Isolux diagram (Unit: lx)



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► Photometric Data(Standard mode, Medium angle)

Luminaire specifications

Optical system: Zoom range from 7.4 to 42.7 degree @50%

Beam angle(50%): 18.3 degree

Field angle(10%): 19.8 degree

CRI: 69(Ra)

CCT: 6607K

Tm30: Rf/66 Rg/95

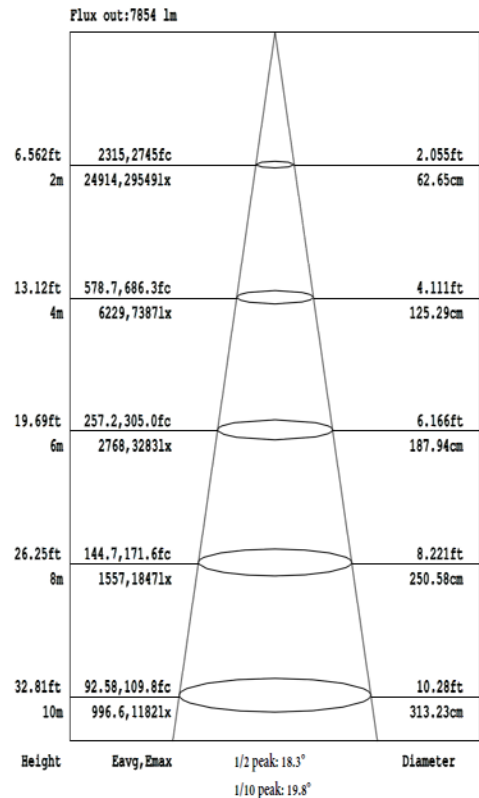
Illuminance

DISTANCE	3m	5m	10m	15m
COLOR	Lux	Lux	Lux	Lux
7000K(Full on)	14300	5280	1350	700

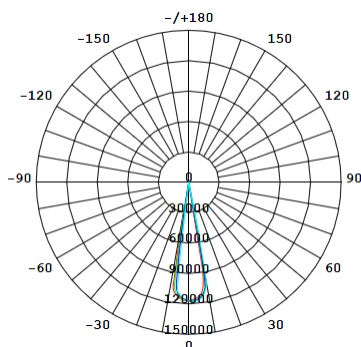
Light output

COLOR	Total(lumens)	Power(watts)	Efficacy(lm/w)
7000K (Full on)	12963	411	32

Full intensity in 7000K



Light distribution



Measured on: 7000K(Full on)

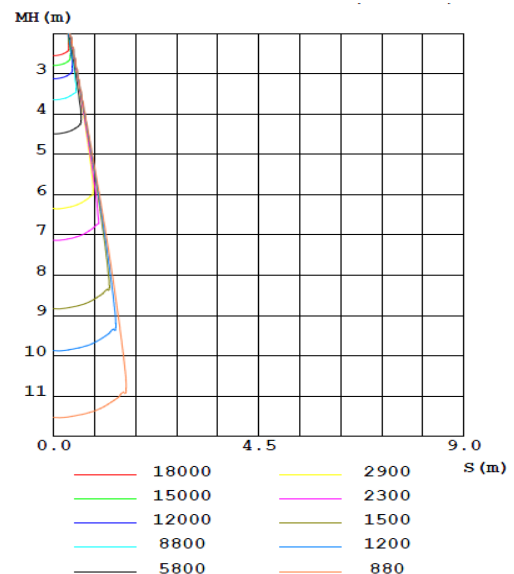
Beam center: 118411cd

Thin dashed lined: Indicates 50% of Peak

Beam angle(50%): 18.3 degree

Field angle(10%): 19.8 degree

Isolux diagram (Unit: lx)



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► Photometric Data(Standard mode, Maximum angle)

Luminaire specifications

Optical system: Zoom range from 7.4 to 42.7 degree @50%

Beam angle(50%): 42.7 degree

Field angle(10%): 49.3 degree

CRI: 70(Ra)

CCT: 6584K

Tm30: Rf/66 Rg/95

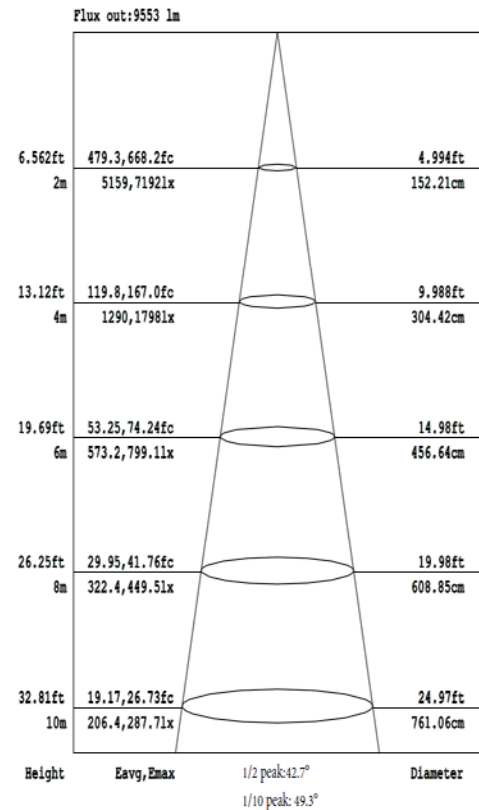
Illuminance

DISTANCE	3m	5m	10m	15m
COLOR	Lux	Lux	Lux	Lux
7000K(Full on)	4060	1500	480	230

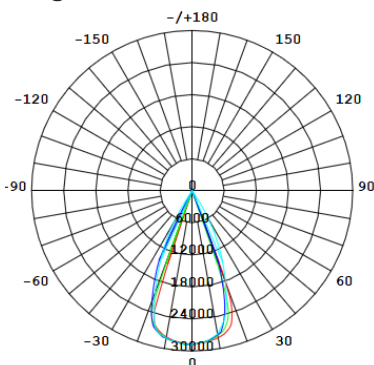
Light output

COLOR	Total(lumens)	Power(watts)	Efficacy(lm/w)
7000k (Full on)	12382	411	30

Full intensity in 7000K



Light distribution



Measured on: 7000K(Full on)

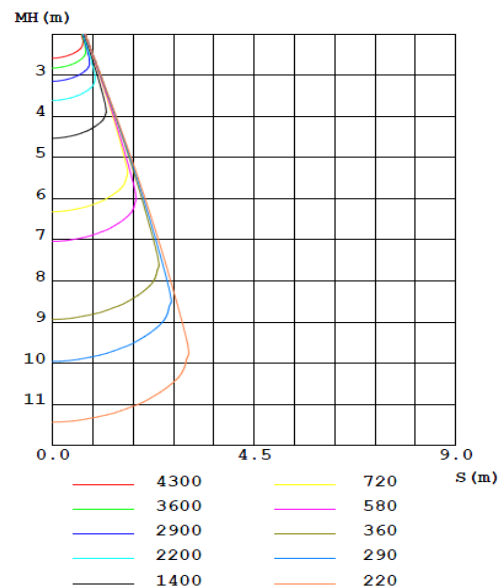
Beam center: 28817cd

Thin dashed lined: Indicates 50% of Peak

Beam angle(50%): 42.7 degree

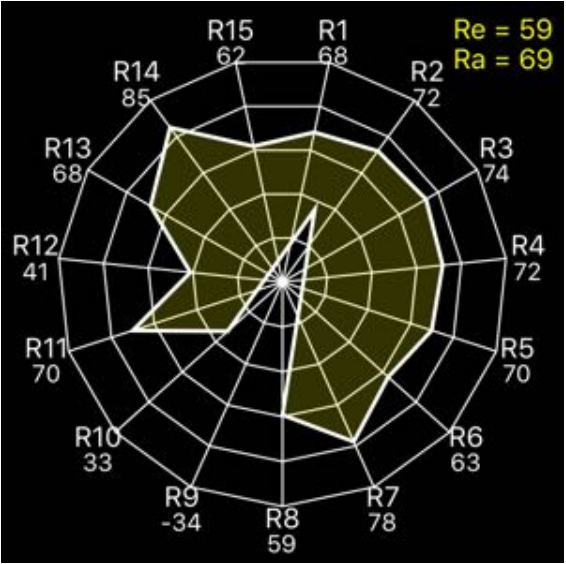
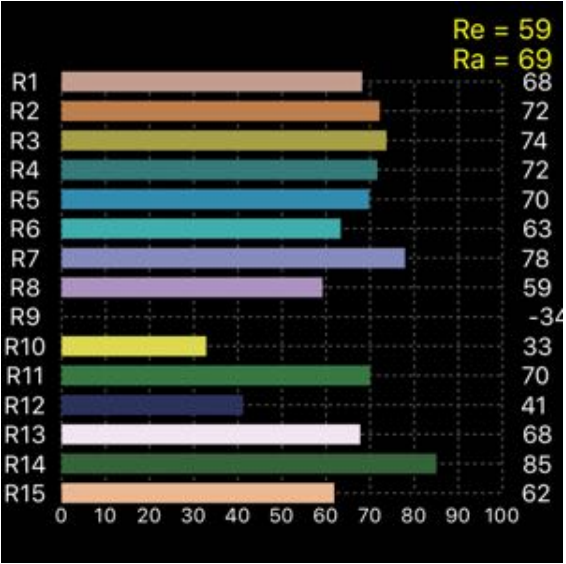
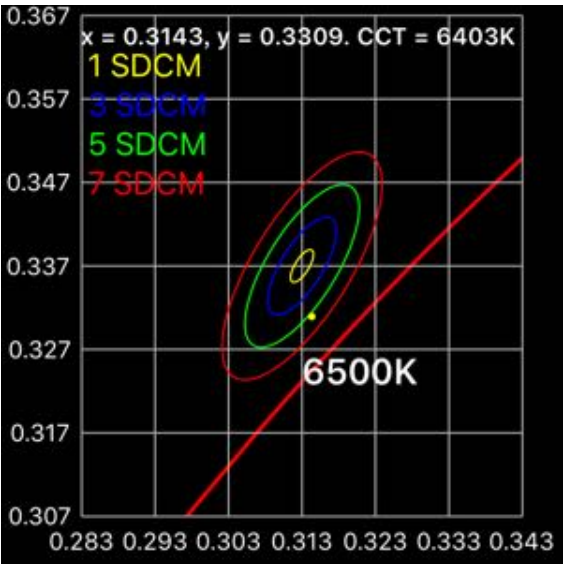
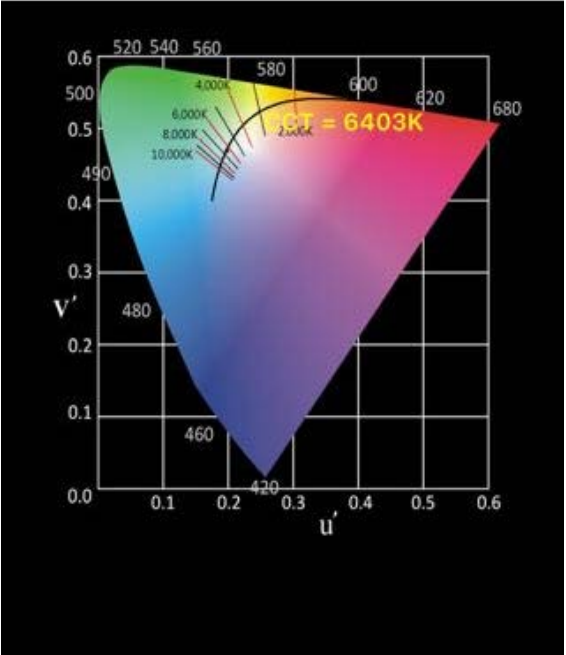
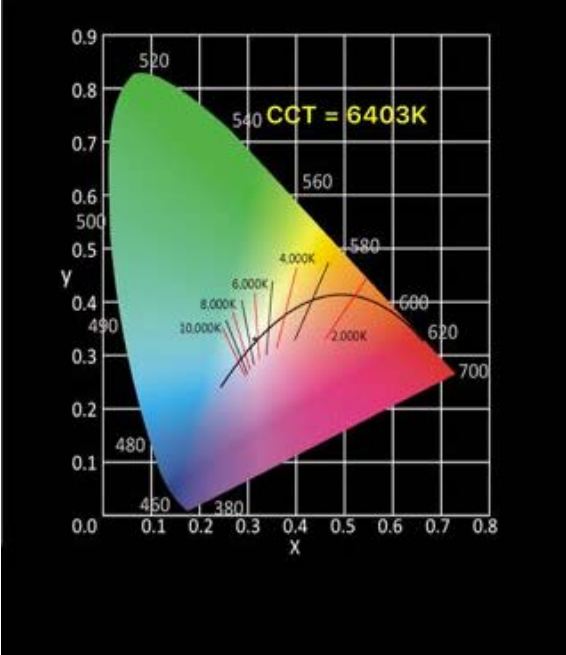
Field angle(10%): 49.3 degree

Isolux diagram (Unit: lx)

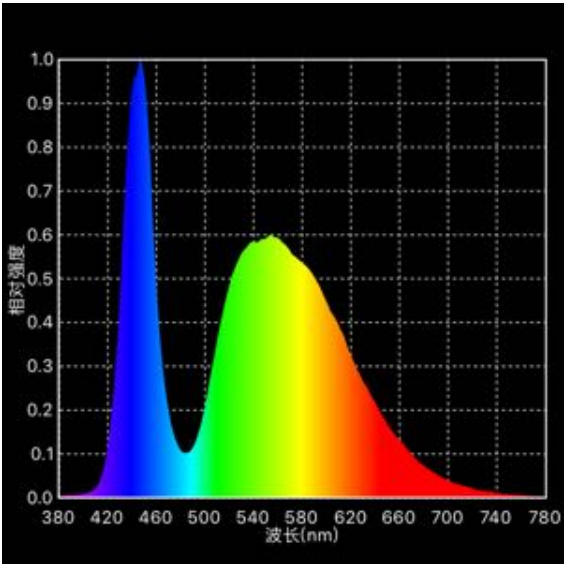
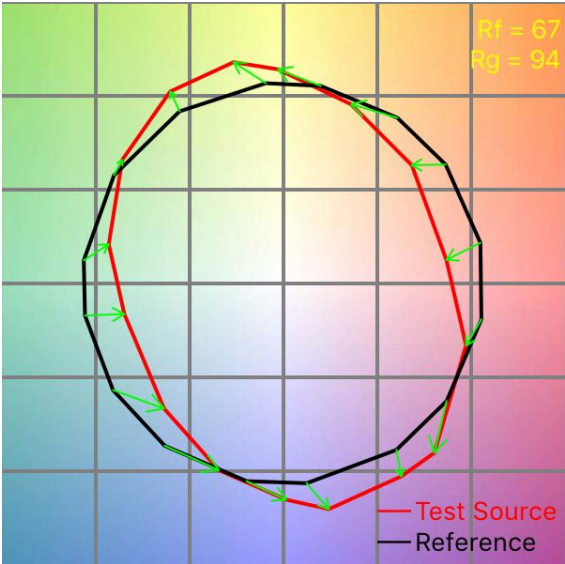
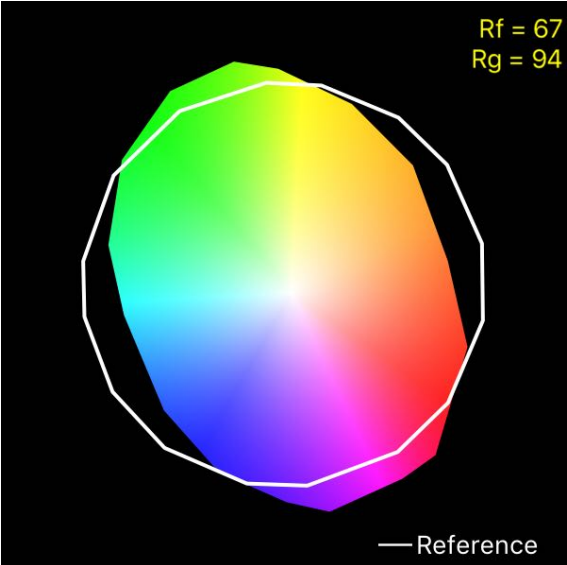
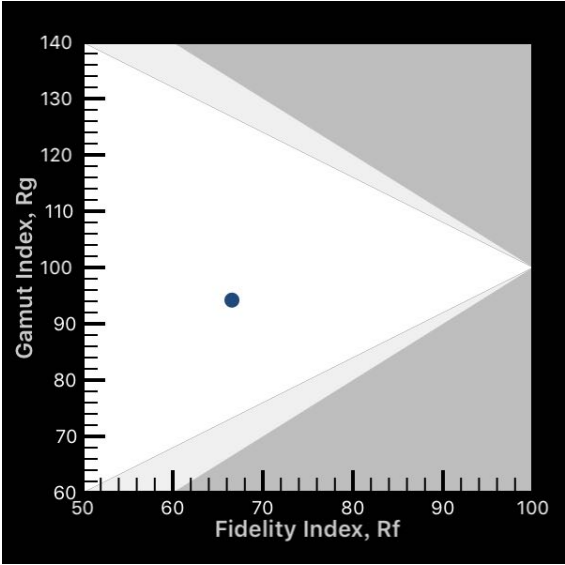


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Standard mode, Minimum angle



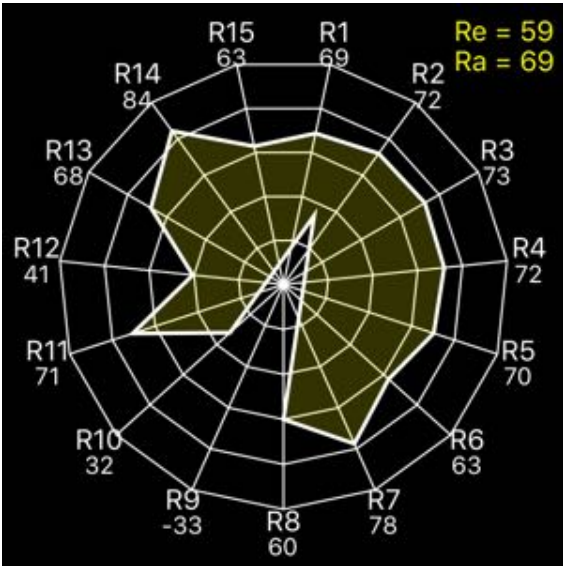
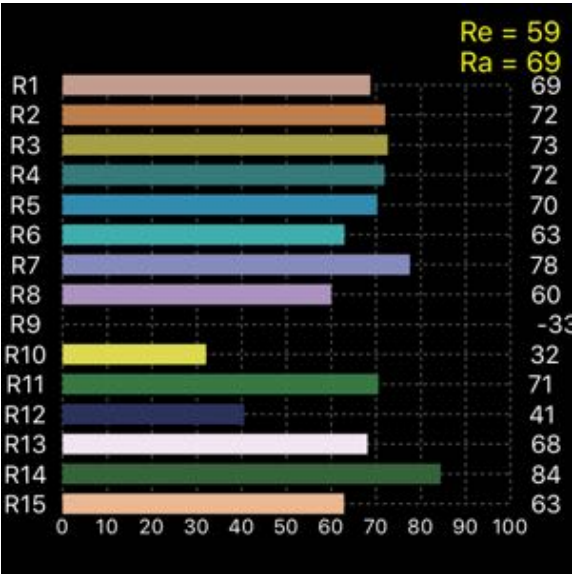
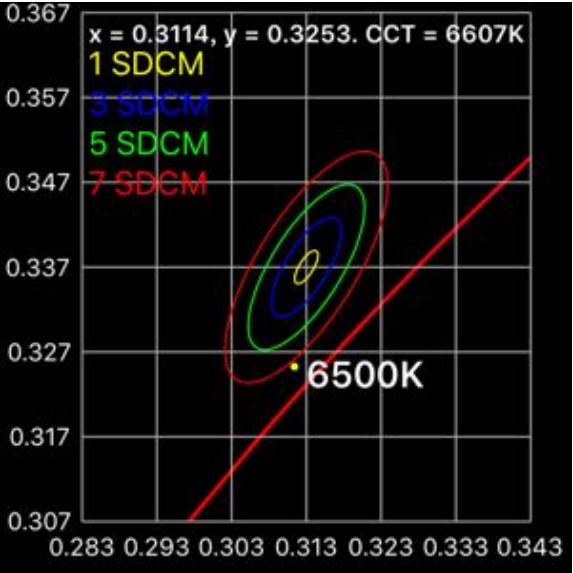
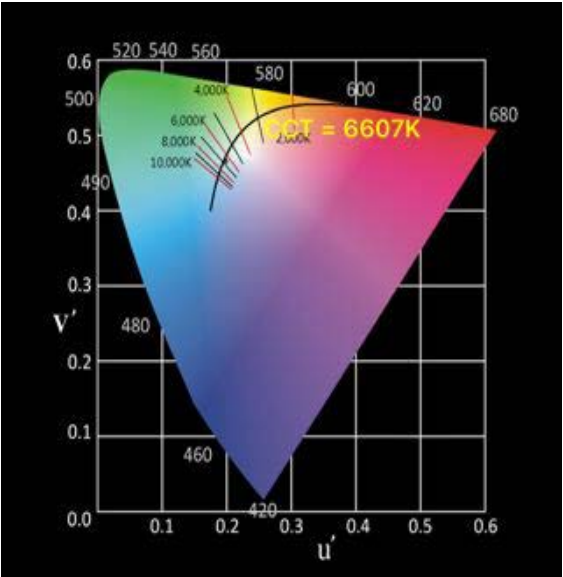
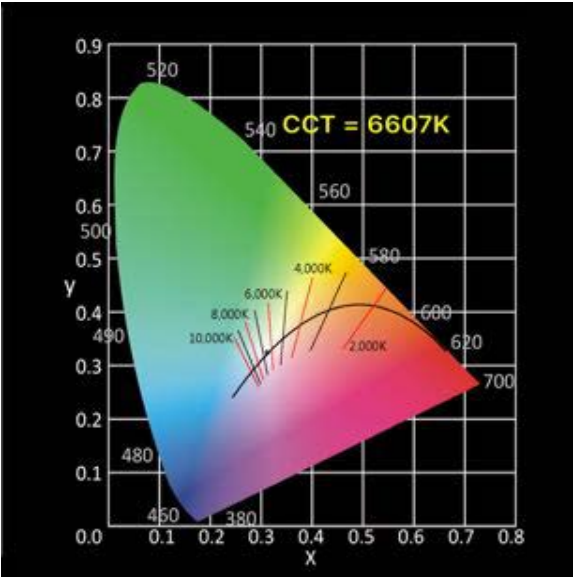
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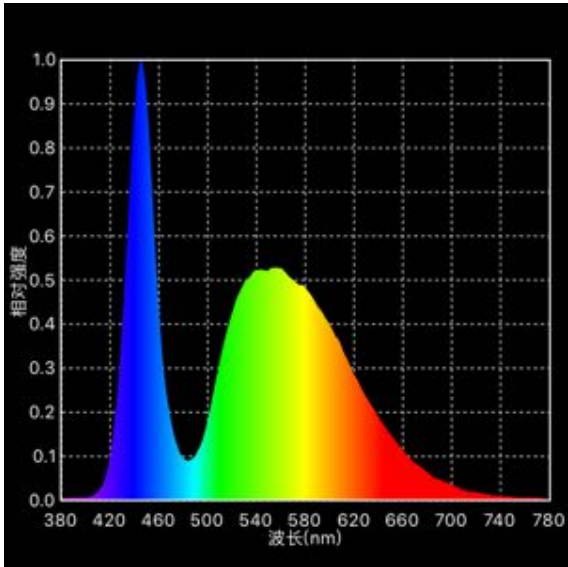
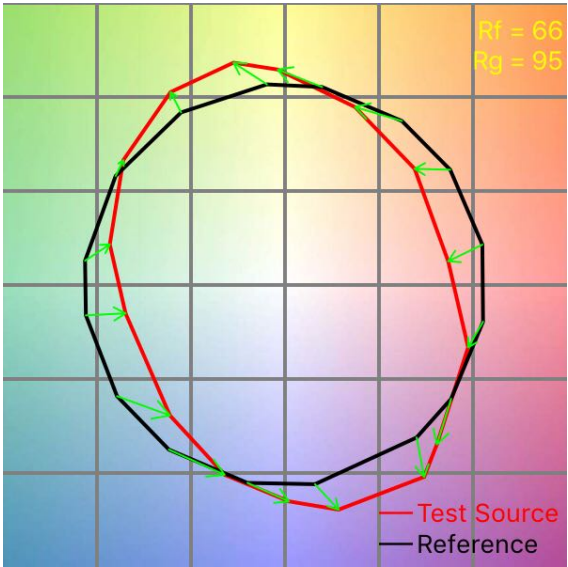
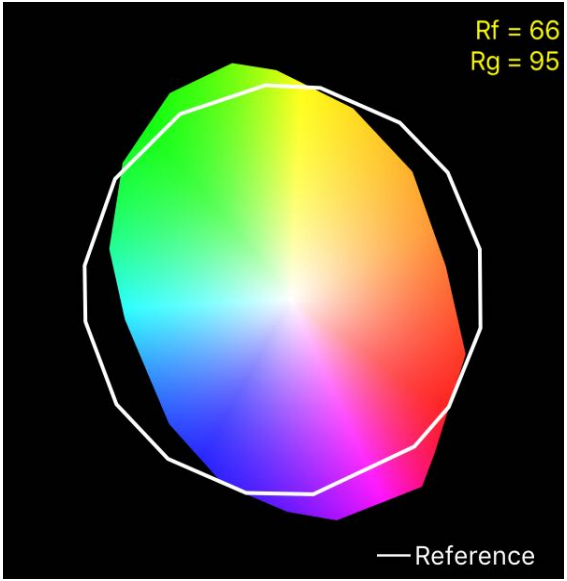
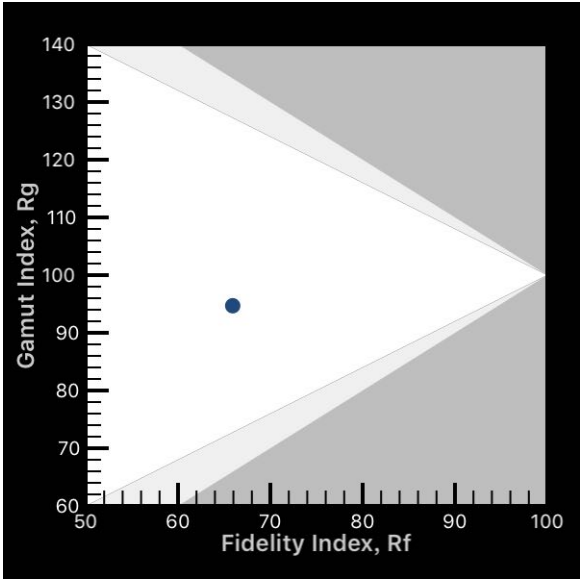
Parameter	Value
相关色温 CCT	6403 K
黑体线距离Duv	0.0034
CIE1931 x	0.3143
CIE1931 y	0.3309
CIE1976 u'	0.1982
CIE1976 v'	0.4696
显色指数 CRI(Ra)	69
Re(R1~R15)	59
光色品质 CQS	69
TLCI(Qa)	45.5
GAI	85.6
TM-30-15 Rf	67
TM-30-15 Rg	94
光照度	81077 lux
呋烛光	7532.3 fc
光子通量密度	1101.51 $\mu\text{mol}/\text{m}^2\text{s}$
峰值波长	446 nm
主波长	490 nm
色纯度	7 %
暗明视觉比	2.0
频闪百分比	0.0 %
频闪指数	0.00
频闪频率	0 Hz

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Standard mode, Medium angle



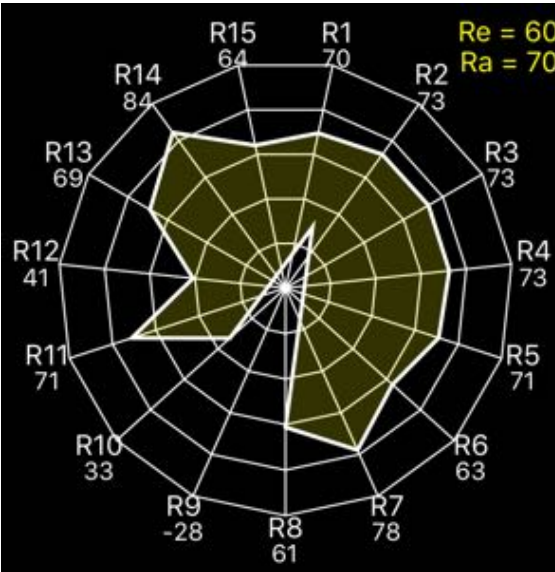
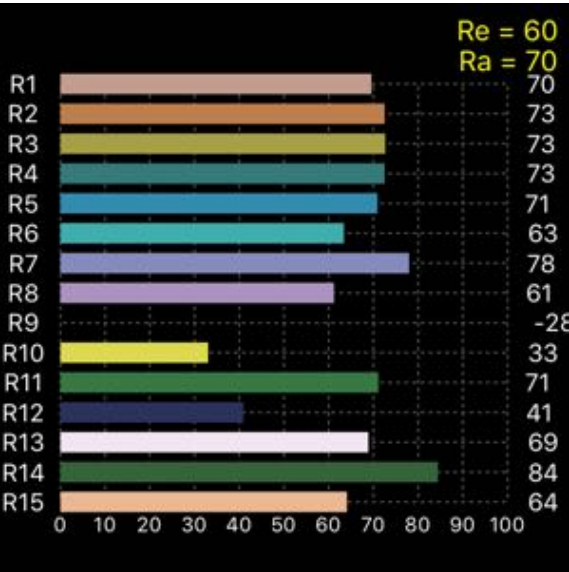
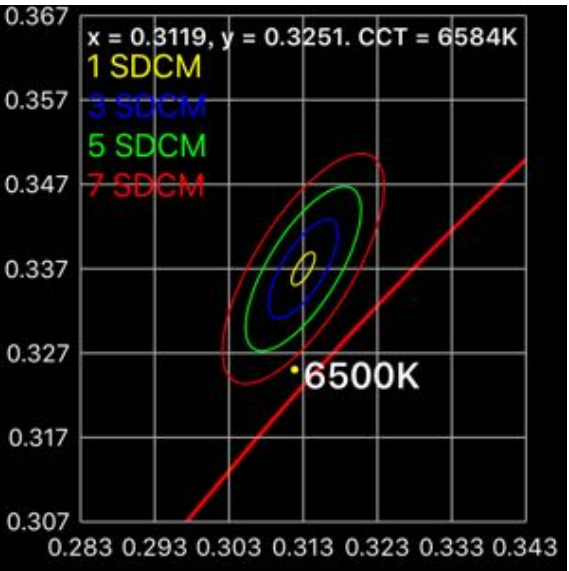
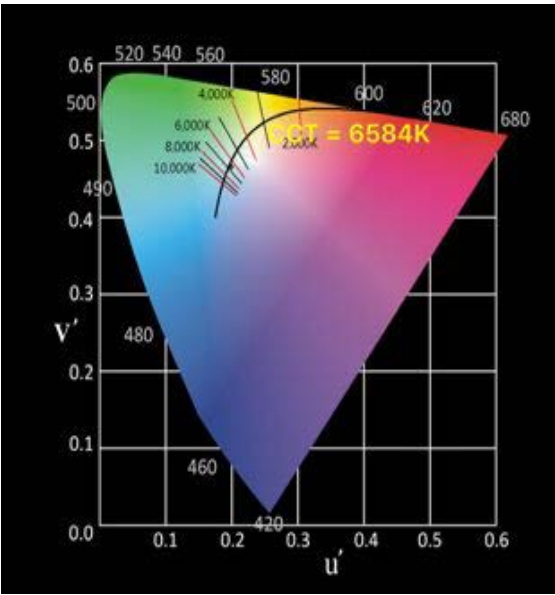
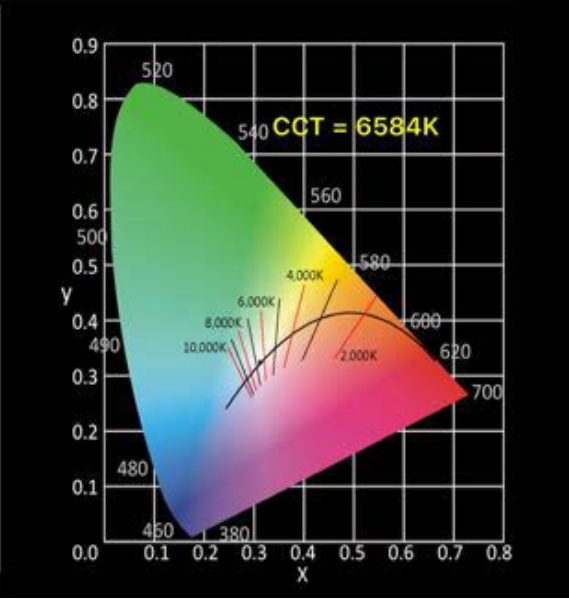
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Parameter	Value
相关色温 CCT	6607 K
黑体线距离Duv	0.0019
CIE1931 x	0.3114
CIE1931 y	0.3253
CIE1976 u'	0.1983
CIE1976 v'	0.4661
显色指数 CRI(Ra)	69
Re(R1-R15)	59
光色品质 CQS	68
TLCI(Qa)	44.9
GAI	87.1
TM-30-15 Rf	66
TM-30-15 Rg	95
光照度	15195 lux
照度光	1411.6 fc
光子通量密度	207.88 $\mu\text{mol}/\text{m}^2/\text{s}$
峰值波长	445 nm
主波长	487 nm
色纯度	8 %
暗明视觉比	2.0
频闪百分比	0.0 %
频闪指数	0.00
频闪频率	0 Hz

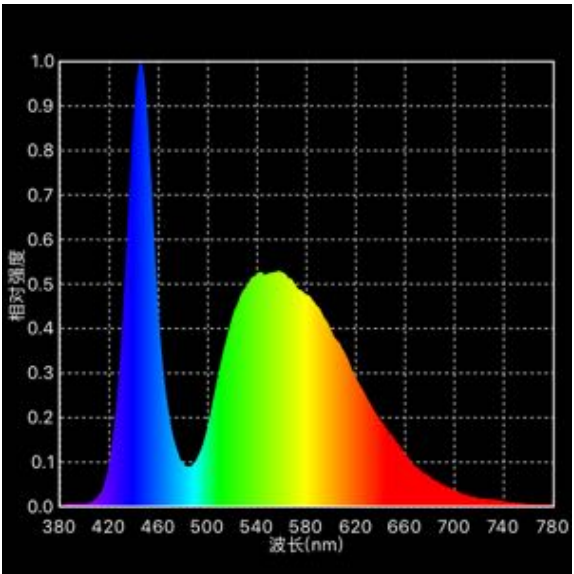
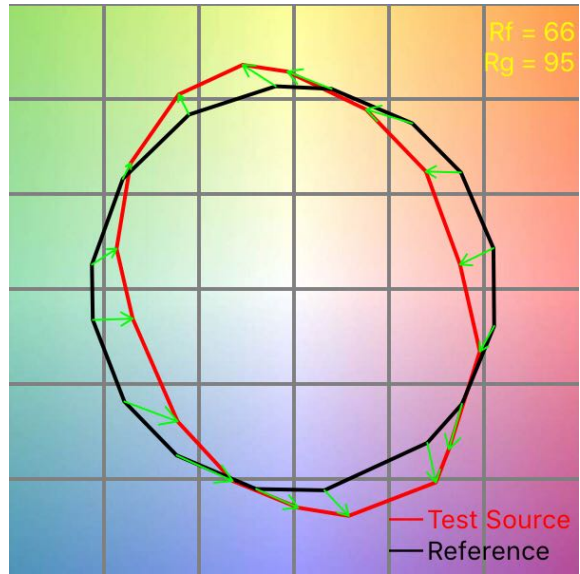
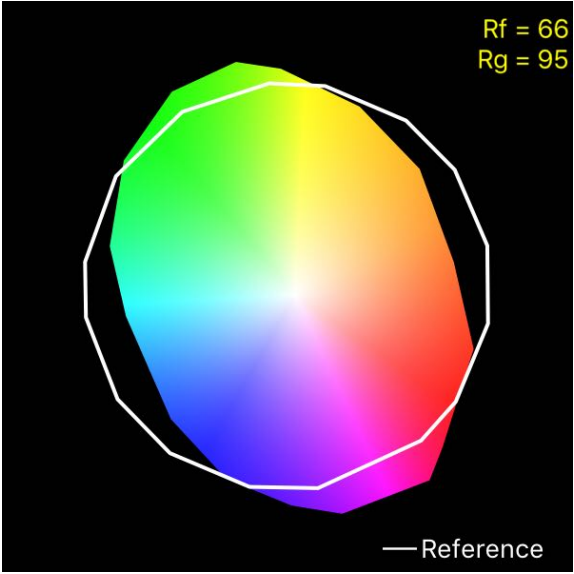
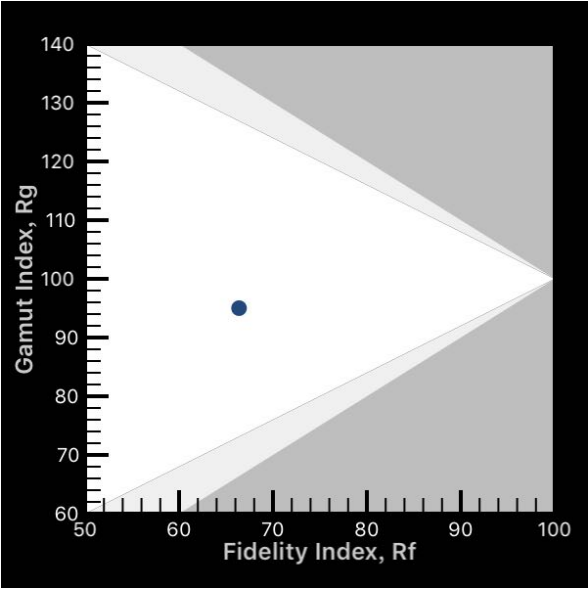
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Standard mode, Maximum angle



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Parameter	Value
相关色温 CCT	6584 K
黑体线距离Duv	0.0016
CIE1931 x	0.3119
CIE1931 y	0.3251
CIE1976 u'	0.1987
CIE1976 v'	0.4661
显色指数 CRI(Ra)	70
Re(R1~R15)	60
光色品质 CQS	69
TLCI(Qa)	46.1
GAI	87.6
TM-30-15 Rf	66
TM-30-15 Rg	95
光照度	3951 lux
照烛光	367.0 fc
光子通量密度	54.28 $\mu\text{mol}/\text{m}^2\text{s}$
峰值波长	445 nm
主波长	487 nm
色纯度	8 %
暗明视觉比	2.0
频闪百分比	0.0 %
频闪指数	0.00
频闪频率	0 Hz