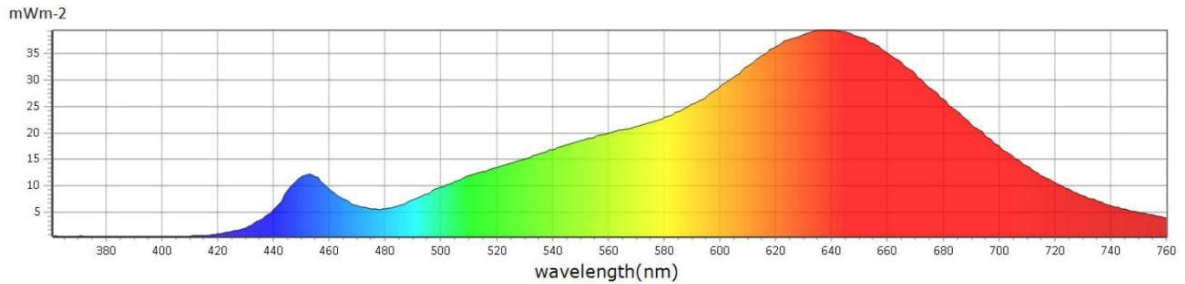
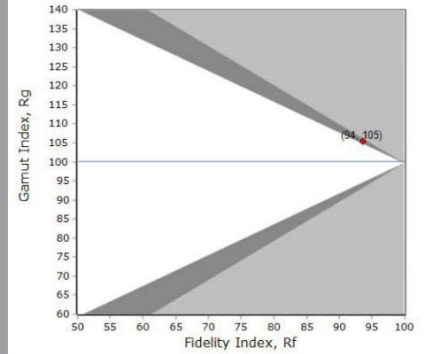
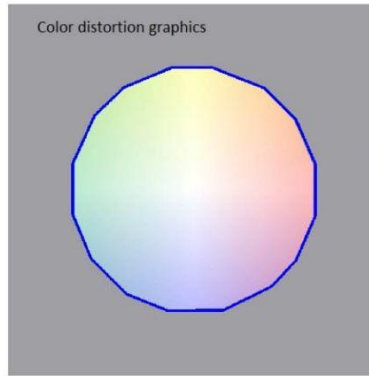
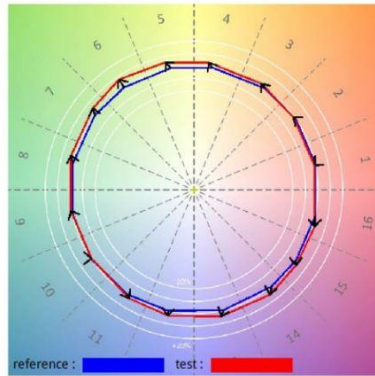


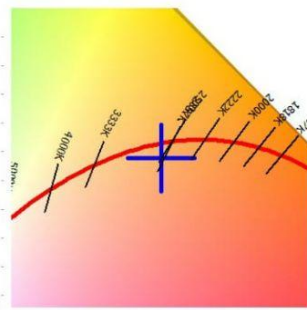
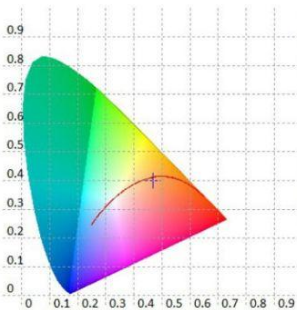
# TM-30-15 Report

Light Source: Realist 2500K  
Light Source Code: 25T

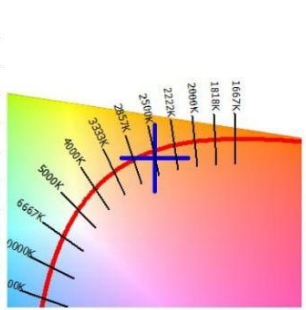
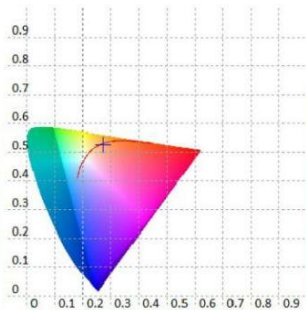
CCT: 2504K  
Rf: 93.5  
Rg: 105.5  
Duv: -0.0043  
CRI: 96.8



## CIE1931



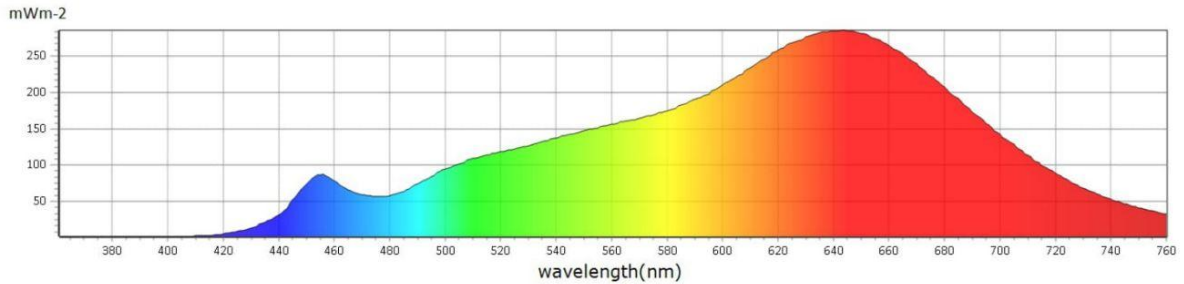
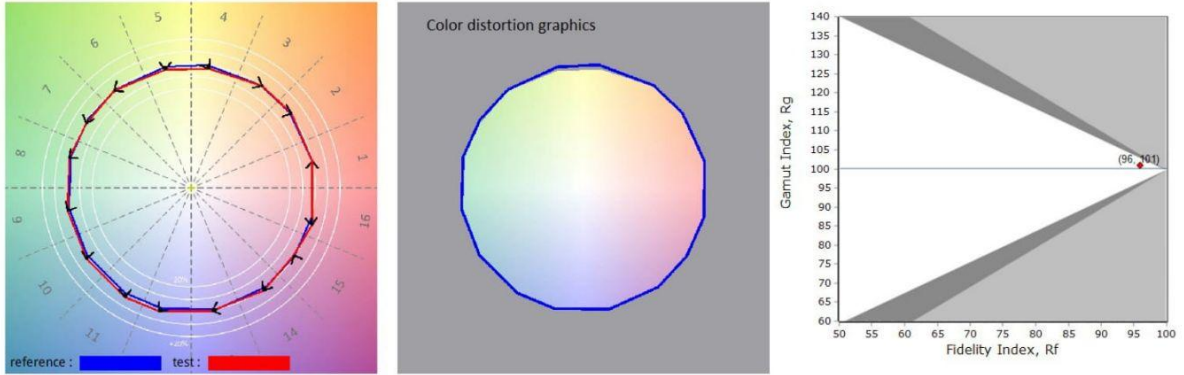
## CIE1976



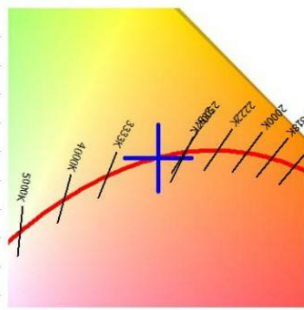
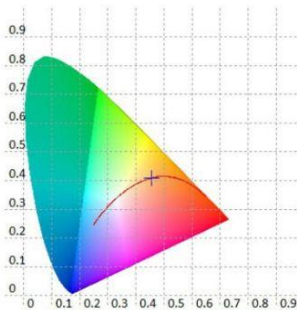
## Characteristics

CCT : 2504 K	x10 : 0.4720	delta-x : -0.0081	LambdaD : 587 nm	PPFD : 28.20 umolm-2s-1	S/P : 1.25	R3 : 97.1	R10 : 98.0
LUX : 1534 lx	y10 : 0.3986	delta-y : -0.0132	LambdaP : 638 nm	PFD : 31.44 umolm-2s-1	IRR : 6.174	R4 : 95.9	R11 : 93.9
I-Time : 0 ms	u'10 : 0.2761	delta-u' : 0.0010	Purity : 60.65%	PFD-B : 2.121 umolm-2s-1	CQS : 91.1	R5 : 97.9	R12 : 92.9
x : 0.4686	v'10 : 0.5245	delta-v' : -0.0063	fc : 142.6	PFD-G : 8.667 umolm-2s-1	CRI : 96.8	R6 : 95.5	R13 : 97.7
y : 0.4004	X : 1795.82	Duv : -0.0043	Rf : 93.5	PFD-R : 17.42 umolm-2s-1	TLCI : 92.7	R7 : 95.6	R14 : 97.3
u' : 0.2729	Y : 1534.47	MEL : 568.4 lx	Rg : 105.5	PFD-UV : 0.0510 umolm-2s-1	R1 : 98.3	R8 : 95.6	R15 : 99.1
v' : 0.5247	Z : 502.18	LambdaPV : 39.48	GAI : 52.5	PFD-FR : 3.183 umolm-2s-1	R2 : 98.2	R9 : 92.3	

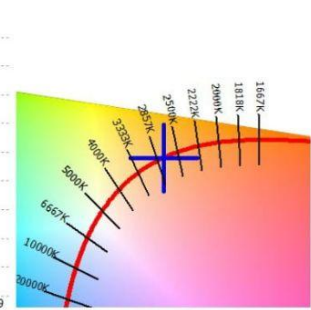
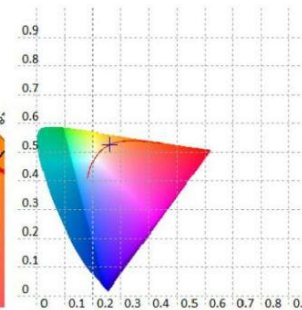
## General Color Rendition



## CIE1931



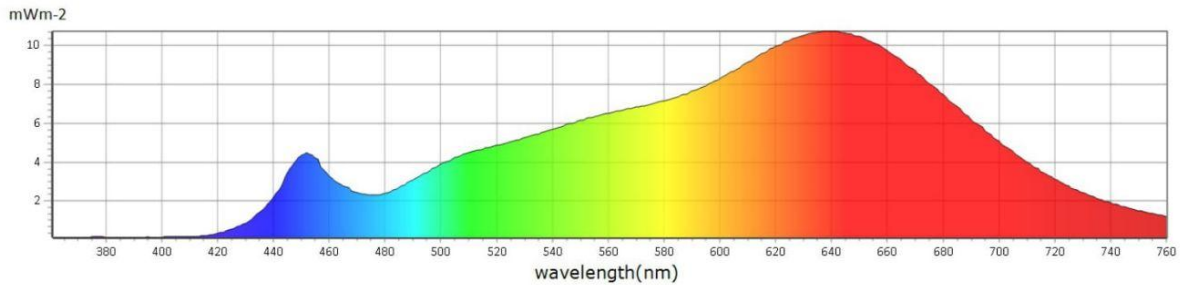
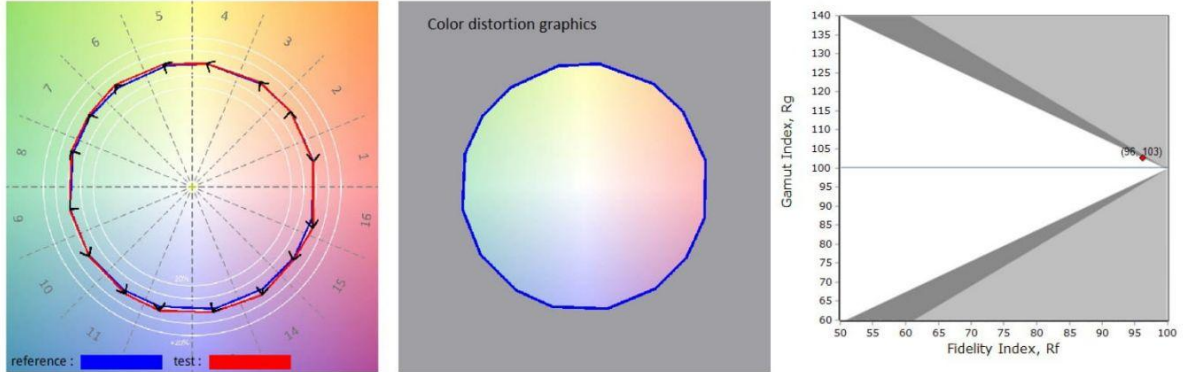
## CIE1976



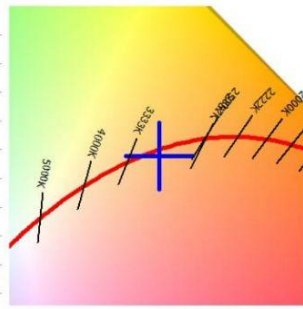
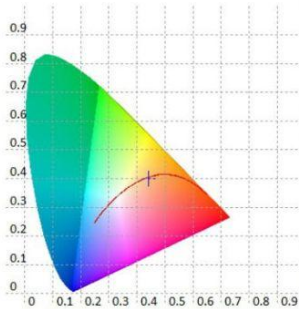
## Characteristics

CCT : 2741 K	x10 : 0.4599	delta-x : -0.0009	LambdaD : 584 nm	PPFD : 216.3 umolm-2s-1	S/P : 1.38	R3 : 98.3	R10 : 96.9
LUX : 11917 lx	y10 : 0.4079	delta-y : -0.0015	LambdaP : 642 nm	PFD : 243.4 umolm-2s-1	IRR : 47.90	R4 : 96.1	R11 : 93.0
I-Time : 0 ms	u'10 : 0.2637	delta-u' : 0.0001	Purity : 59.43%	PFD-B : 17.95 umolm-2s-1	CQS : 96.2	R5 : 96.5	R12 : 91.3
x : 0.4557	v'10 : 0.5263	delta-v' : -0.0007	fc : 1108	PFD-G : 69.10 umolm-2s-1	CRI : 97.4	R6 : 95.6	R13 : 96.6
y : 0.4083	X : 13299.10	Duv : -0.0005	Rf : 95.9	PFD-R : 129.2 umolm-2s-1	TLCI : 98.8	R7 : 99.0	R14 : 98.1
u' : 0.2608	Y : 11917.48	MEL : 4896 lx	Rg : 100.9	PFD-UV : 0.3643 umolm-2s-1	R1 : 96.8	R8 : 99.0	R15 : 97.9
v' : 0.5259	Z : 3968.44	LambdaPV : 285.1	GAI : 51.3	PFD-FR : 26.75 umolm-2s-1	R2 : 98.1	R9 : 98.2	

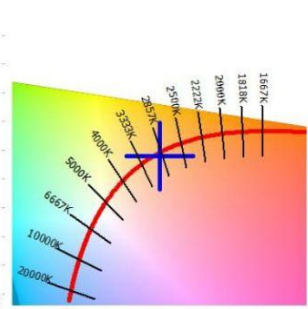
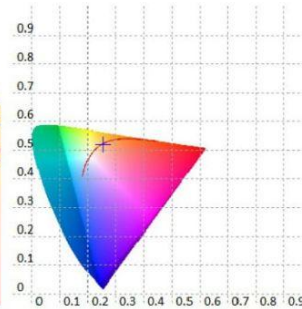
## General Color Rendition



## CIE1931



## CIE1976



## Characteristics

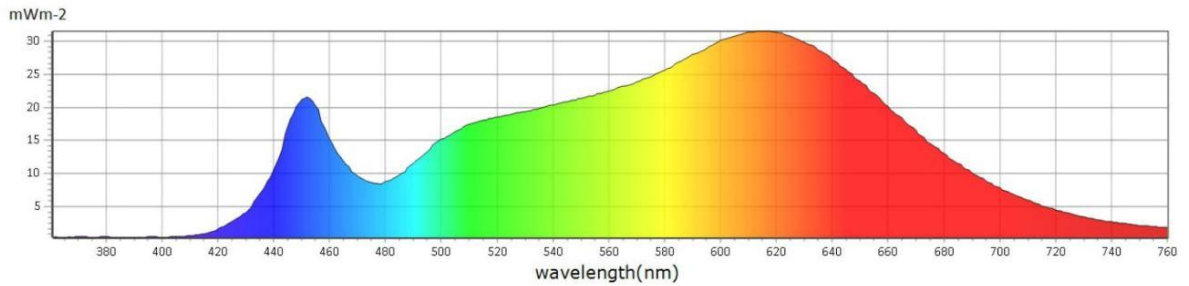
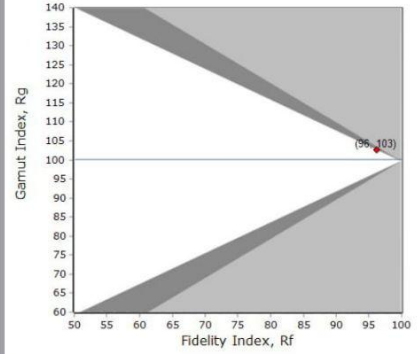
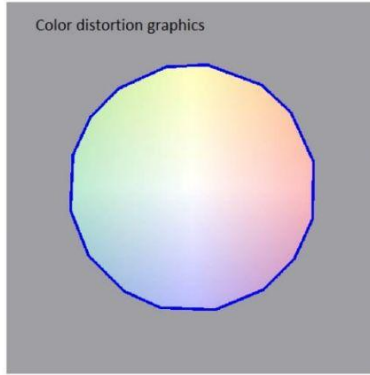
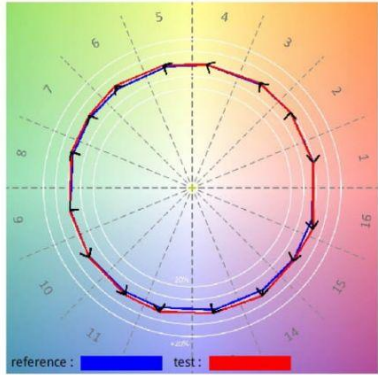
CCT : 2906 K	x10 : 0.4443	delta-x : -0.0033	LambdaD : 584 nm	PPFD : 8.509 $\mu molm^{-2}s^{-1}$	S/P : 1.44	R3 : 97.1	R10 : 98.9
LUX : 482.4 lx	y10 : 0.3985	delta-y : -0.0066	LambdaP : 638 nm	PFD : 9.475 $\mu molm^{-2}s^{-1}$	IRR : 1.884	R4 : 96.9	R11 : 95.2
I-Time : 0 ms	u'10 : 0.2579	delta-u' : 0.0007	Purity : 52.18%	PFD-B : 0.8361 $\mu molm^{-2}s^{-1}$	CQS : 95.6	R5 : 98.7	R12 : 92.2
x : 0.4404	v'10 : 0.5203	delta-v' : -0.0031	fc : 44.84	PFD-G : 2.838 $\mu molm^{-2}s^{-1}$	CRI : 98.1	R6 : 97.3	R13 : 98.5
y : 0.3997	X : 531.58	Duv : -0.0022	Rf : 96.1	PFD-R : 4.835 $\mu molm^{-2}s^{-1}$	TLCI : 98.0	R7 : 98.0	R14 : 97.6
u' : 0.2547	Y : 482.44	MEL : 217.9 lx	Rg : 102.7	PFD-UV : 0.0177 $\mu molm^{-2}s^{-1}$	R1 : 98.6	R8 : 98.5	R15 : 99.2
v' : 0.5202	Z : 192.93	LambdaPV : 10.75	GAI : 59.8	PFD-FR : 0.9486 $\mu molm^{-2}s^{-1}$	R2 : 99.2	R9 : 97.2	

公司:

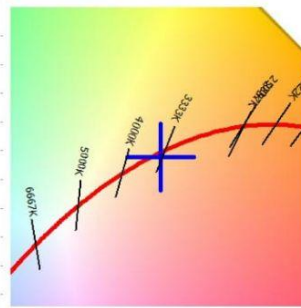
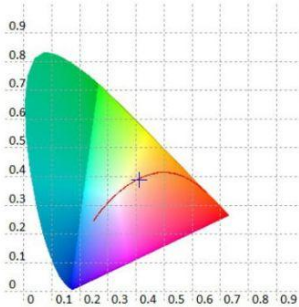
# TM-30-15 Report

Light Source: Realist 3500K  
Light Source Code: 35T

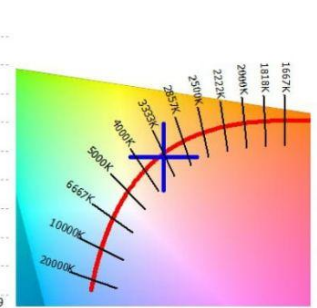
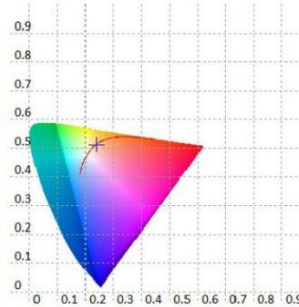
CCT: 3363K  
Rf: 92.4  
Rg: 100.3  
Duv: -0.0020  
CRI: 93.6



## ■ CIE1931



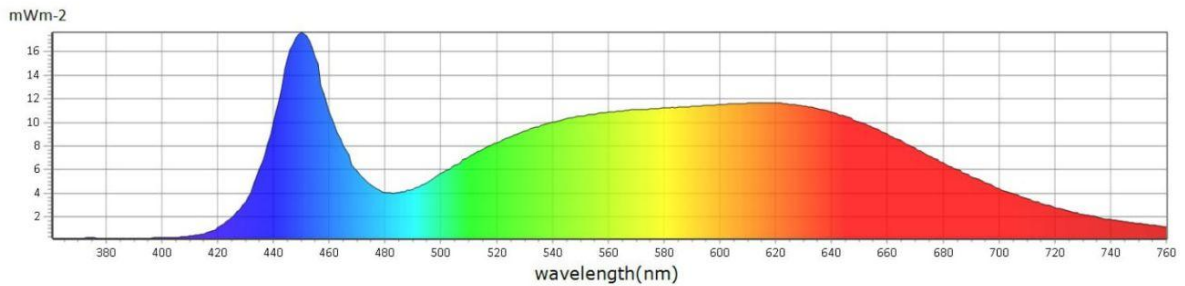
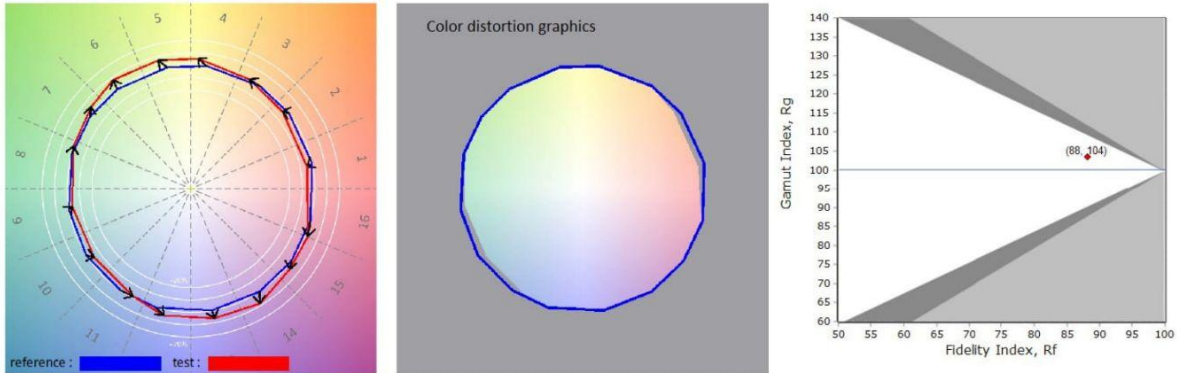
## ■ CIE1976



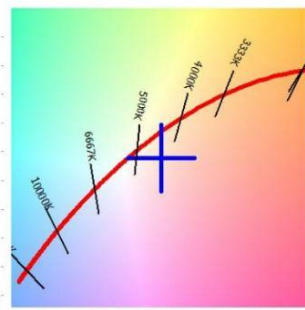
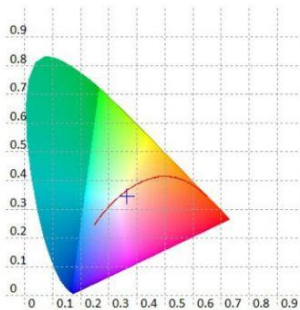
## Characteristics

CCT : 3363 K	x10 : 0.4154	delta-x : -0.0023	LambdaD : 582 nm	PPFD : 25.63 $\mu\text{molm}^{-2}\text{s}^{-1}$	S/P : 1.59	R3 : 98.4	R10 : 93.2
LUX : 1669 lx	y10 : 0.3871	delta-y : -0.0057	LambdaP : 616 nm	PFD : 27.06 $\mu\text{molm}^{-2}\text{s}^{-1}$	IRR : 5.588	R4 : 94.6	R11 : 96.1
I-Time : 0 ms	u'10 : 0.2439	delta-u' : 0.0009	Purity : 40.11%	PFD-B : 3.582 $\mu\text{molm}^{-2}\text{s}^{-1}$	CQS : 92.1	R5 : 95.0	R12 : 85.5
x : 0.4109	v'10 : 0.5112	delta-v' : -0.0027	fc : 155.1	PFD-G : 10.25 $\mu\text{molm}^{-2}\text{s}^{-1}$	CRI : 93.6	R6 : 95.9	R13 : 95.4
y : 0.3889	X : 1763.77	Duv : -0.0020	Rf : 92.4	PFD-R : 11.80 $\mu\text{molm}^{-2}\text{s}^{-1}$	TLCI : 89.5	R7 : 91.5	R14 : 99.4
u' : 0.2401	Y : 1669.15	MEL : 898.5 lx	Rg : 100.3	PFD-UV : 0.0504 $\mu\text{molm}^{-2}\text{s}^{-1}$	R1 : 94.4	R8 : 81.7	R15 : 90.0
v' : 0.5113	Z : 859.20	LambdaPV : 31.52	GAI : 68.4	PFD-FR : 1.380 $\mu\text{molm}^{-2}\text{s}^{-1}$	R2 : 97.1	R9 : 58.1	

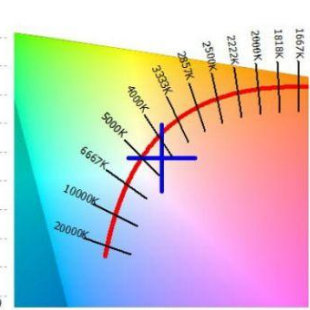
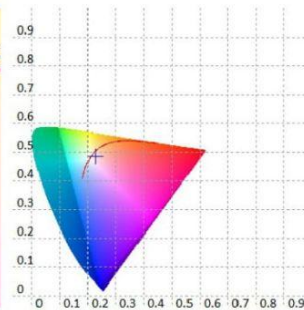
**General Color Rendition**



**CIE1931**



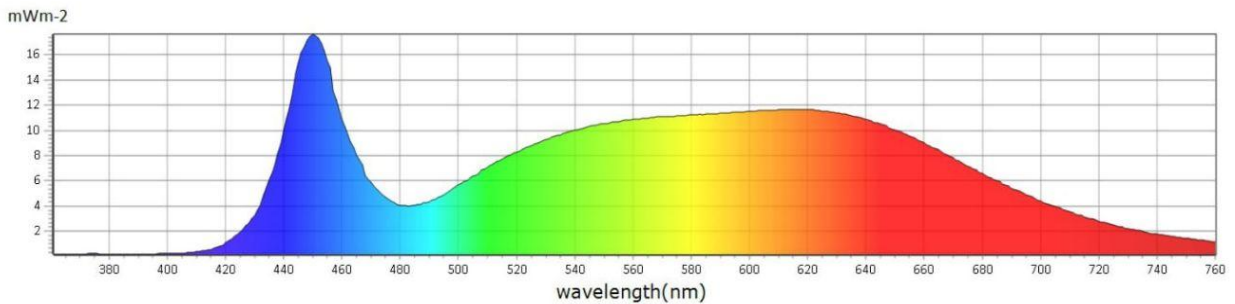
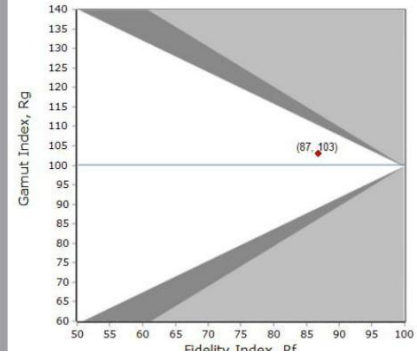
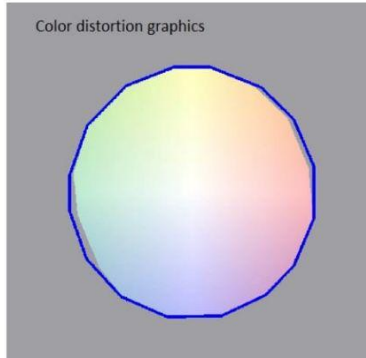
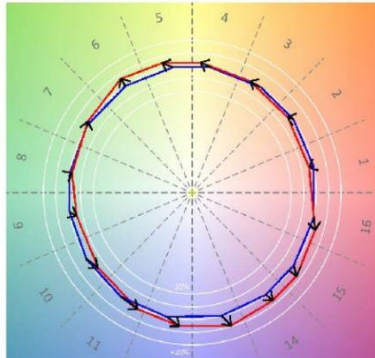
**CIE1976**



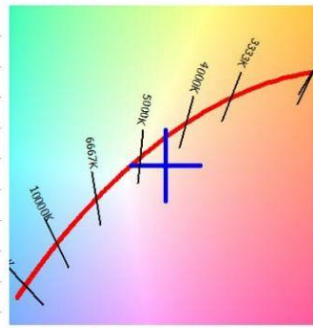
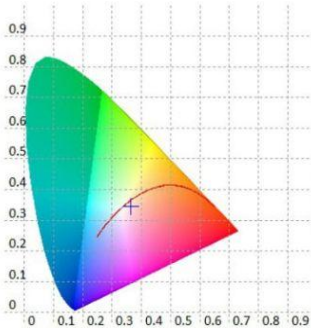
**Characteristics**

CCT : 4244 K	x10 : 0.3675	delta-x : -0.0057	LambdaD : 590 nm	PPFD : 11.86 umolm-2s-1	S/P : 1.81	R3 : 88.9	R10 : 82.1
LUX : 734.4 lx	y10 : 0.3419	delta-y : -0.0255	LambdaP : 449 nm	PFD : 12.75 umolm-2s-1	IRR : 2.672	R4 : 90.9	R11 : 90.2
I-Time : 0 ms	u'10 : 0.2308	delta-u' : 0.0066	Purity : 12.86%	PFD-B : 2.342 umolm-2s-1	CQS : 85.8	R5 : 93.1	R12 : 71.9
x : 0.3646	v'10 : 0.4832	delta-v' : -0.0130	fc : 68.26	PFD-G : 4.586 umolm-2s-1	CRI : 91.4	R6 : 87.7	R13 : 94.0
y : 0.3447	X : 776.79	Duv : -0.0109	Rf : 86.8	PFD-R : 4.933 umolm-2s-1	TLCI : 82.9	R7 : 91.9	R14 : 93.6
u' : 0.2276	Y : 734.44	MEL : 533.1 lx	Rg : 103.2	PFD-UV : 0.0251 umolm-2s-1	R1 : 94.5	R8 : 90.7	R15 : 96.7
v' : 0.4842	Z : 619.55	LambdaPV : 17.65	GAI : 93.6	PFD-FR : 0.8603 umolm-2s-1	R2 : 93.6	R9 : 78.0	

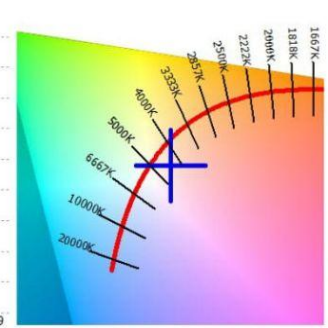
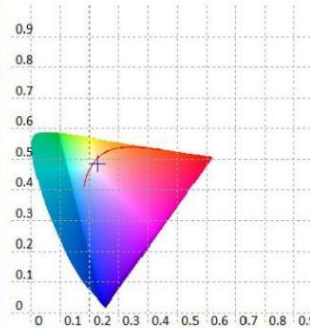
## General Color Rendition



## CIE1931



## CIE1976



## Characteristics

CCT : 4244 K	x10 : 0.3675	delta-x : -0.0057	LambdaD : 590 nm	PPFD : 11.86 umolm-2s-1	S/P : 1.81	R3 : 88.9	R10 : 82.1
LUX : 734.4 lx	y10 : 0.3419	delta-y : -0.0255	LambdaP : 449 nm	PFD : 12.75 umolm-2s-1	IRR : 2.672	R4 : 90.9	R11 : 90.2
I-Time : 0 ms	u'10 : 0.2308	delta-u' : 0.0066	Purity : 12.86%	PFD-B : 2.342 umolm-2s-1	CQS : 85.8	R5 : 93.1	R12 : 71.9
x : 0.3646	v'10 : 0.4832	delta-v' : -0.0130	fc : 68.26	PFD-G : 4.586 umolm-2s-1	CRI : 91.4	R6 : 87.7	R13 : 94.0
y : 0.3447	X : 776.79	Duv : -0.0109	Rf : 86.8	PFD-R : 4.933 umolm-2s-1	TLCI : 82.9	R7 : 91.9	R14 : 93.6
u' : 0.2276	Y : 734.44	MEL : 533.1 lx	Rg : 103.2	PFD-UV : 0.0251 umolm-2s-1	R1 : 94.5	R8 : 90.7	R15 : 96.7
v' : 0.4842	Z : 619.55	LambdaPV : 17.65	GAI : 93.6	PFD-FR : 0.8603 umolm-2s-1	R2 : 93.6	R9 : 78.0	