

ACCLAIM LED FRESNEL

▶ Photometric Data (Minimum angle) @3200K

Luminaire specifications

Optical system: Zoom range from 8.5 to 47.4 degree @50%

Beam angle(50%): 8.5 degree
 Field angle(10%): 14.9 degree
 CRI: 83.9(Ra)
 CCT: 3198K
 Tm30: Rf/85 Rg/115

Illuminance

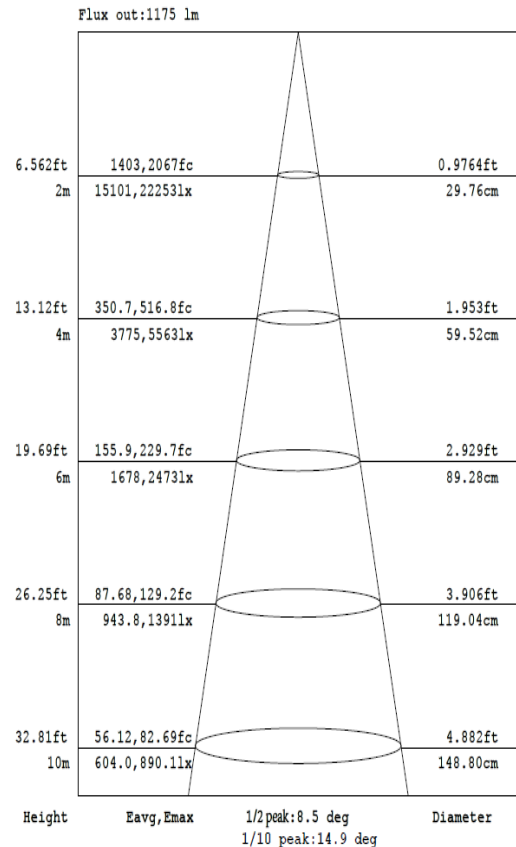
DISTANCE	COLOR			
	1m	3m	5m	10m
3200K	79200 Lux	10300 Lux	3750 Lux	932 Lux

Remark: R 100%,G 0%,B 18%,L 100%

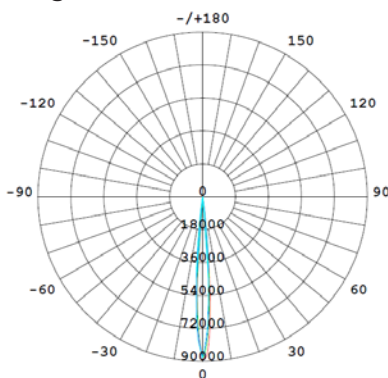
Light output

COLOR	Total(lumens)	Power(watts)	Efficacy(lm/w)
3200K	2506	174	14

Full intensity in 3200K

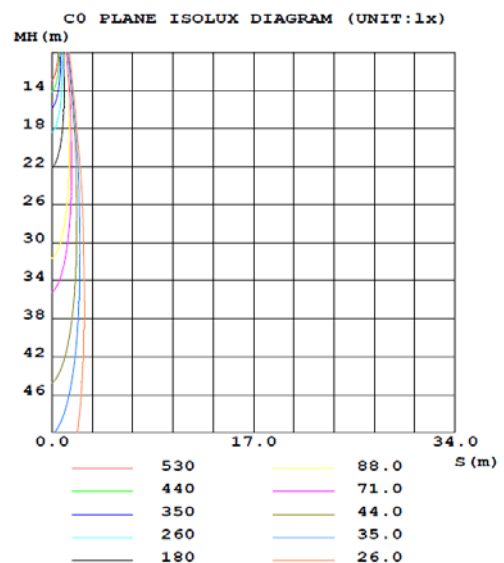


Light distribution



Measured on: 3200K
 Beam center: 89022cd
 Thin dashed lined: Indicates 50% of Peak
Beam angle(50%): 8.5 degree
Field angle(10%): 14.9 degree

Isolux diagram (Unit: lx)



ACCLAIM LED FRESNEL

▶ Photometric Data(Medium angle) @3200K

Luminaire specifications

Optical system: Zoom range from 8.5 to 47.4 degree @50%

Beam angle(50%): 21.5 degree

Field angle(10%): 33.2 degree

CRI: 83.8(Ra)

CCT: 3198K

Tm30: Rf/85 Rg/115

Illuminance

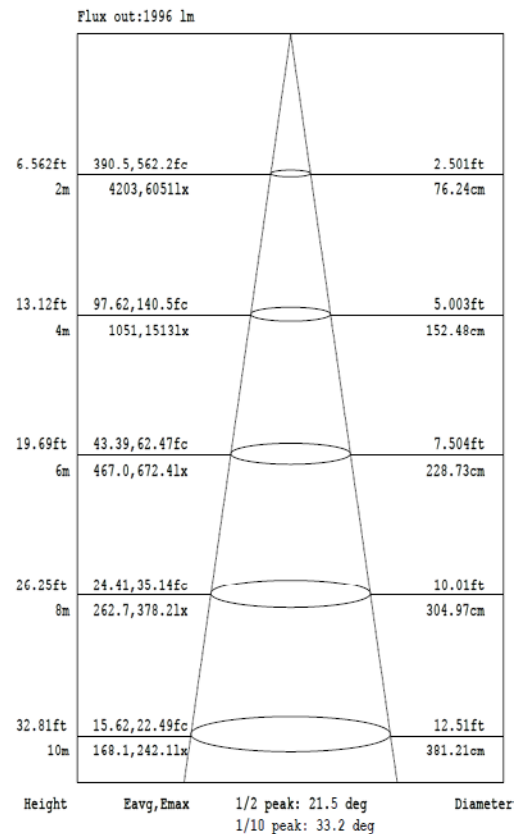
DISTANCE	COLOR			
	1m	3m	5m	10m
3200K	21500 Lux	3090 Lux	1150 Lux	365 Lux

Remark: R 100%,G 0%,B 18%,L 100%

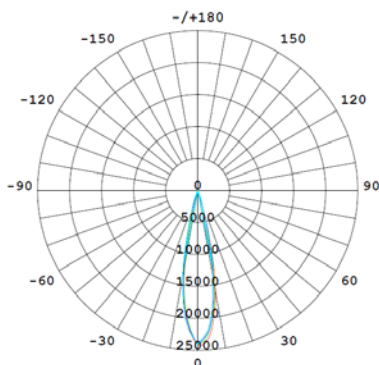
Light output

COLOR	Total(lumens)	Power(watts)	Efficacy(lm/w)
3200K	3764	170	22

Full intensity in 3200K



Light distribution



Measured on: 3200K

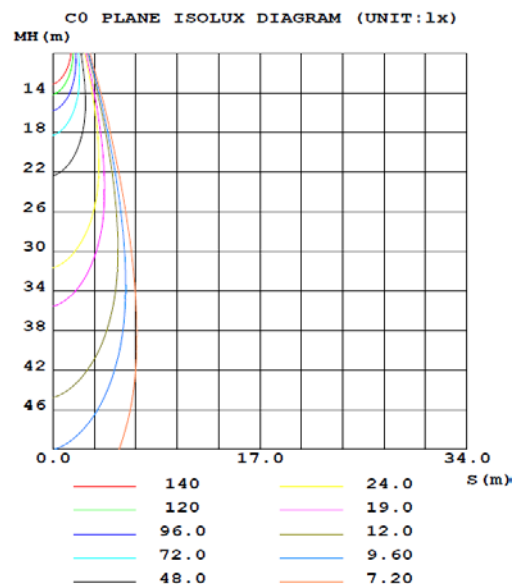
Beam center: 24217cd

Thin dashed lined: Indicates 50% of Peak

Beam angle(50%): 21.5 degree

Field angle(10%): 33.2 degree

Isolux diagram (Unit: lx)



ACCLAIM LED FRESNEL

▶ Photometric Data(Maximum angle) @3200K

Luminaire specifications

Optical system: Zoom range from 8.5 to 47.4 degree @50%

Beam angle(50%): 47.4 degree

Field angle(10%): 68.6 degree

CRI: 84.8(Ra)

CCT: 3198K

Tm30: Rf/85 Rg/115

Illuminance

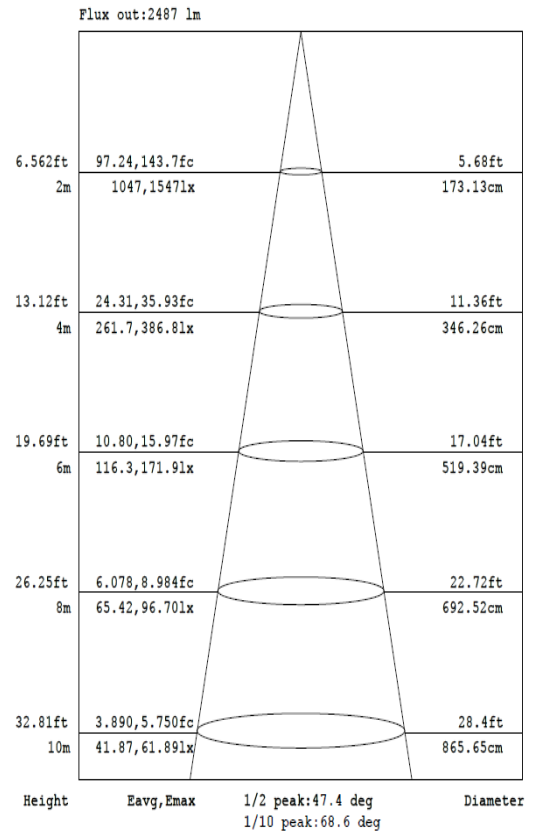
DISTANCE	COLOR			
	1m	3m	5m	10m
	Lux	Lux	Lux	Lux
3200K	6500	732	284	87.3

Remark: **R 100%,G 0%,B 18%,L 100%**

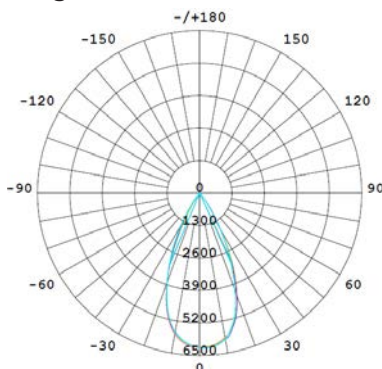
Light output

COLOR	Total(lumens)	Power(watts)	Efficacy(lm/w)
3200K	4020	173	23

Full intensity in 3200K



Light distribution



Measured on: 3200K

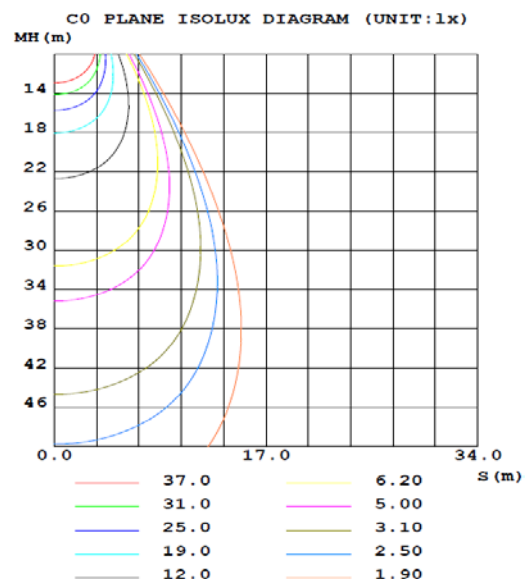
Beam center: 6201cd

Thin dashed lined: Indicates 50% of Peak

Beam angle(50%): 47.4 degree

Field angle(10%): 68.6 degree

Isolux diagram (Unit: lx)



ACCLAIM LED FRESNEL

▶ Photometric Data (Minimum angle) @5600K

Luminaire specifications

Optical system: Zoom range from 8.5 to 47.4 degree @50%

Beam angle(50%): 8.5 degree
 Field angle(10%): 14.9 degree
 CRI: 85(Ra)
 CCT: 5608K
 Tm30: Rf/80 Rg/110

Illuminance

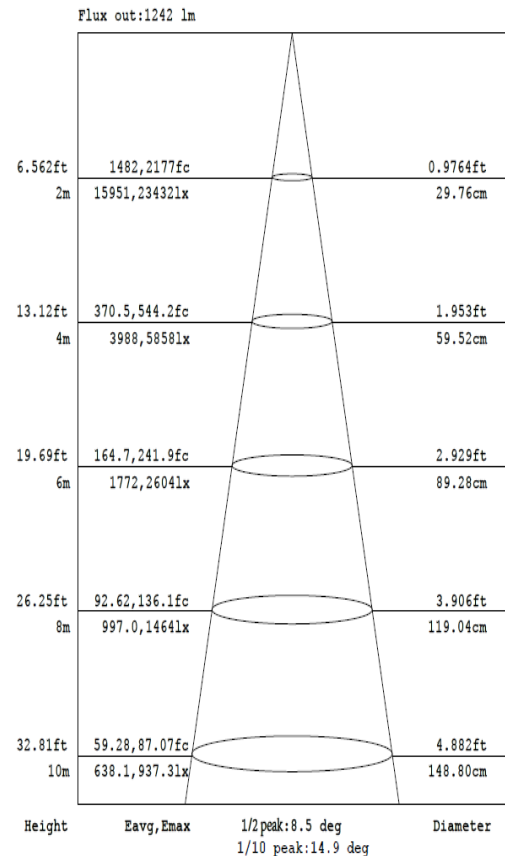
DISTANCE	COLOR			
	1m	3m	5m	10m
5600K	82000 Lux	1100 Lux	3900 Lux	997 Lux

Remark: R 100%,G 34%,B 57%,L 100%

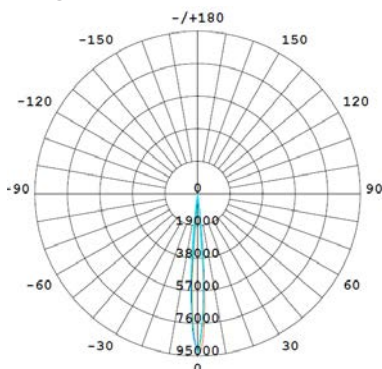
Light output

COLOR	Total(lumens)	Power(watts)	Efficacy(lm/w)
5600K	2603	173	15

Full intensity in 5600K

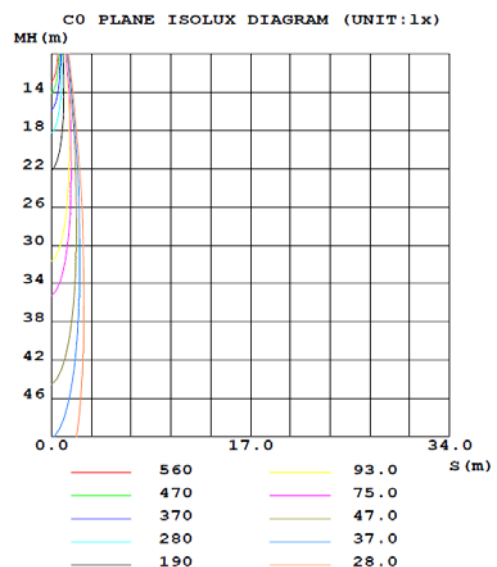


Light distribution



Measured on: 5600K
 Beam center: 93737cd
 Thin dashed lined: Indicates 50% of Peak
Beam angle(50%): 8.5 degree
Field angle(10%): 14.9 degree

Isolux diagram (Unit: lx)



ACCLAIM LED FRESNEL

▶ Photometric Data(Medium angle) @5600K

Luminaire specifications

Optical system: Zoom range from 8.5 to 47.4 degree @50%

Beam angle(50%): 21.3 degree

Field angle(10%): 33 degree

CRI: 86.7(Ra)

CCT: 5608K

Tm30: Rf/80 Rg/110

Illuminance

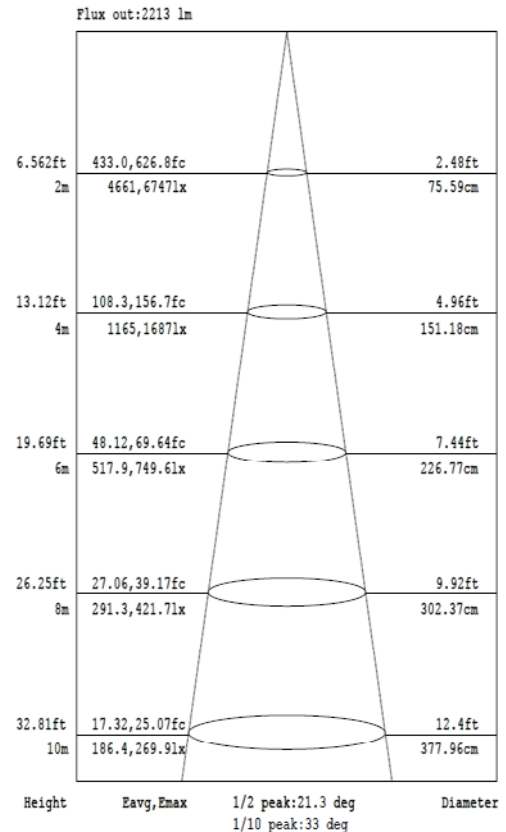
DISTANCE	COLOR			
	1m	3m	5m	10m
5600K	24400 Lux	2910 Lux	1290 Lux	302 Lux

Remark: R 100%,G 34%,B 57%,L 100%

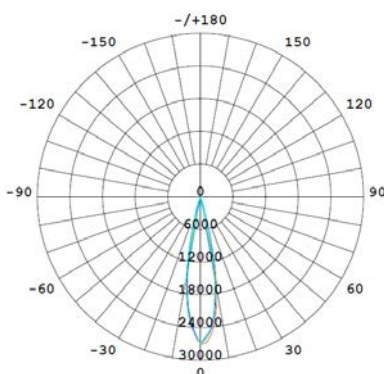
Light output

COLOR	Total(lumens)	Power(watts)	Efficacy(lm/w)
5600K	3705	169	22

Full intensity in 5600K



Light distribution



Measured on: 5600K

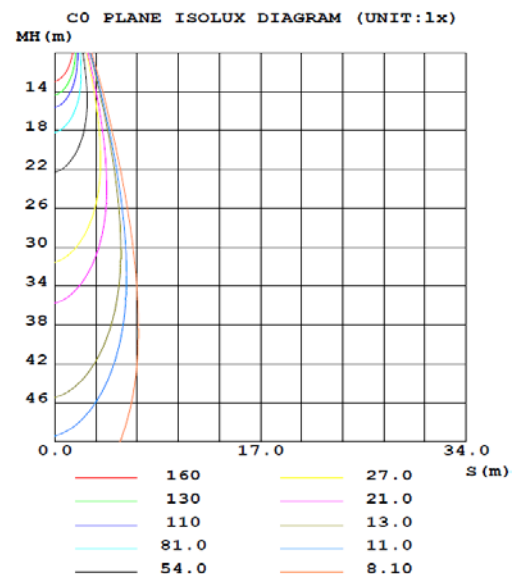
Beam center: 26999cd

Thin dashed lined: Indicates 50% of Peak

Beam angle(50%): 21.3 degree

Field angle(10%): 33 degree

Isolux diagram (Unit: lx)



ACCLAIM LED FRESNEL

▶ Photometric Data(Maximum angle) @5600K

Luminaire specifications

Optical system: Zoom range from 8.5 to 47.4 degree @50%

Beam angle(50%): 47.4 degree

Field angle(10%): 68.5 degree

CRI: 86.2(Ra)

CCT: 5608K

Tm30: Rf/80 Rg/110

Illuminance

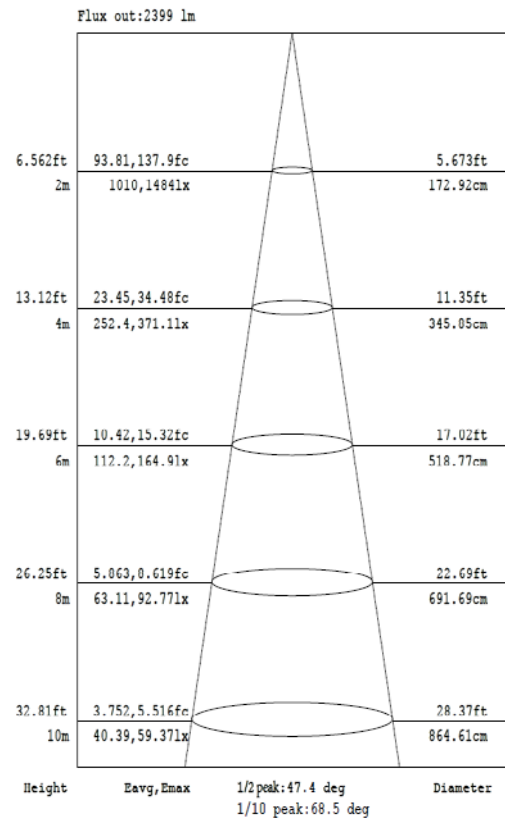
DISTANCE	COLOR			
	1m	3m	5m	10m
5600K	6500 Lux	768 Lux	298 Lux	93.9 Lux

Remark: R 100%,G 34%,B 57%,L 100%

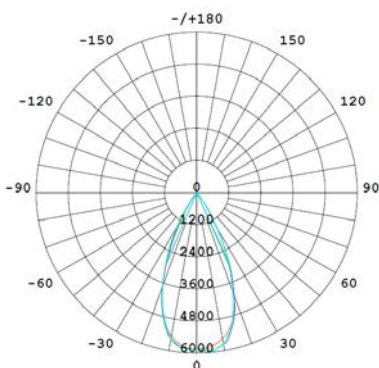
Light output

COLOR	Total(lumens)	Power(watts)	Efficacy(lm/w)
5600K	4078	172	24

Full intensity in 5600K



Light distribution



Measured on: 5600K

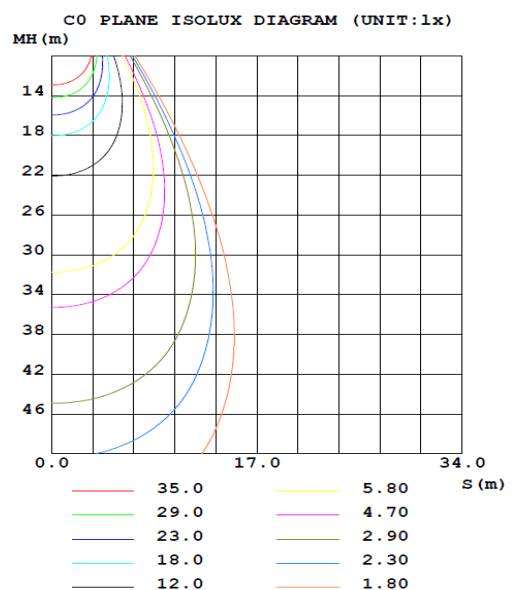
Beam center: 5981cd

Thin dashed lined: Indicates 50% of Peak

Beam angle(50%): 47.4 degree

Field angle(10%): 68.5 degree

Isolux diagram (Unit: lx)



ACCLAIM LED FRESNEL

▶ Photometric Data (Minimum angle) @ Full On

Luminaire specifications

Optical system: Zoom range from 8.5 to 46.8 degree @50%

Beam angle(50%): 8.5 degree
 Field angle(10%): 14.9 degree
 CRI: 84.8(Ra)
 CCT: 7007K
 Tm30: Rf/81 Rg/102

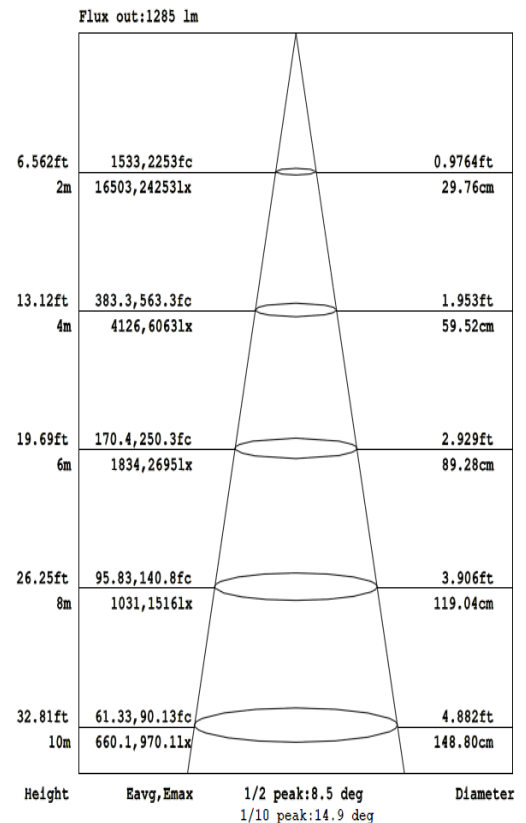
Illuminance

DISTANCE	COLOR			
	1m	3m	5m	10m
7000K(full on)	84200 Lux	11500 Lux	4090 Lux	1060 Lux

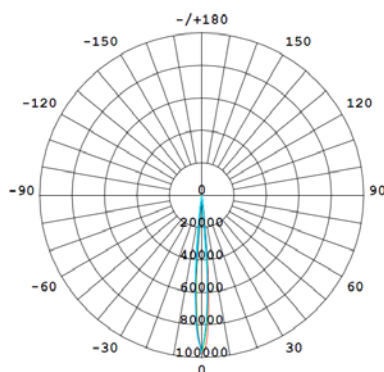
Light output

COLOR	Total(lumens)	Power(watts)	Efficacy(lm/w)
7000K (full on)	2740	173	16

Full intensity in 7000K

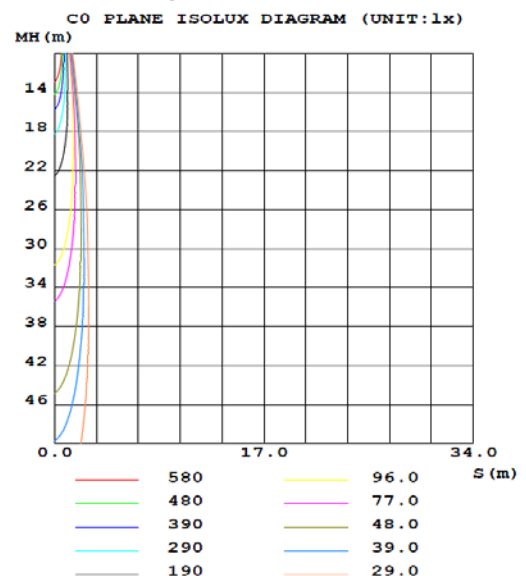


Light distribution



Measured on: 7000K(Full on)
 Beam center: 97022cd
 Thin dashed lined: Indicates 50% of Peak
Beam angle(50%): 8.5 degree
Field angle(10%): 14.9 degree

Isolux diagram (Unit: lx)



ACCLAIM LED FRESNEL

▶ Photometric Data(Medium angle) @ Full On

Luminaire specifications

Optical system: Zoom range from 8.5 to 46.8 degree @50%

Beam angle(50%): 20.7 degree

Field angle(10%): 32.1 degree

CRI: 84.6(Ra)

CCT: 7007K

Tm30: Rf/81 Rg/102

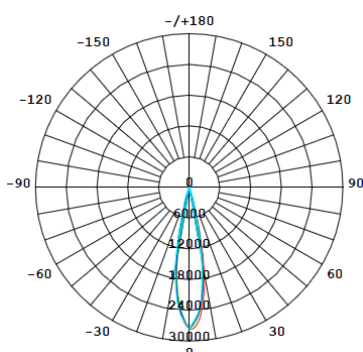
Illuminance

DISTANCE	COLOR			
	1m	3m	5m	10m
7000K(full on)	20800	34900	1160	410

Light output

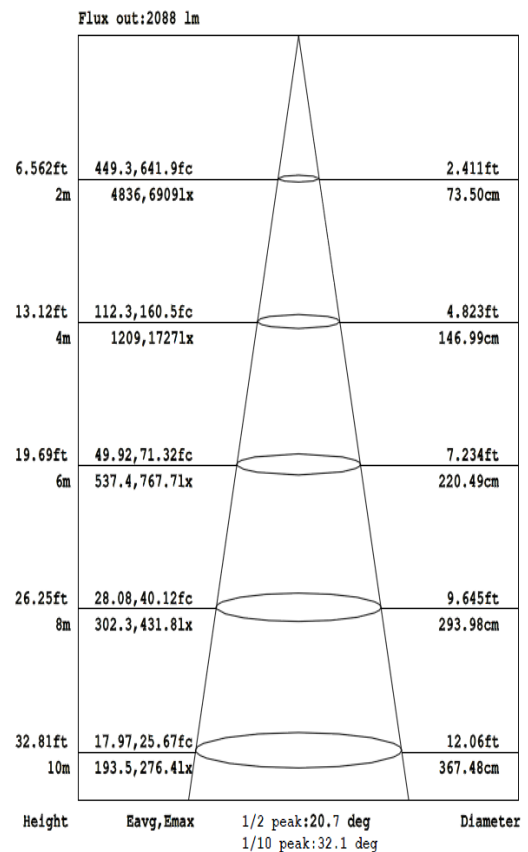
COLOR	Total(lumens)	Power(watts)	Efficacy(lm/w)
7000K (full on)	3921	171	23

Light distribution

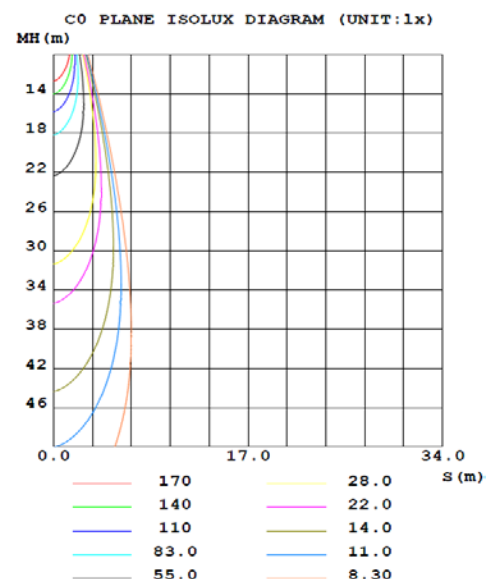


Measured on: 7000K(Full on)
 Beam center: 27648cd
 Thin dashed lined: Indicates 50% of Peak
Beam angle(50%): 20.7 degree
Field angle(10%): 32.1 degree

Full intensity in 7000K



Isolux diagram (Unit: lx)



ACCLAIM LED FRESNEL

▶ Photometric Data(Maximum angle) @7000K

Luminaire specifications

Optical system: Zoom range from 8.5 to 46.8 degree @50%

Beam angle(50%): 46.8 degree

Field angle(10%): 68.3 degree

CRI: 84.5(Ra)

CCT: 7007K

Tm30: Rf/81 Rg/102

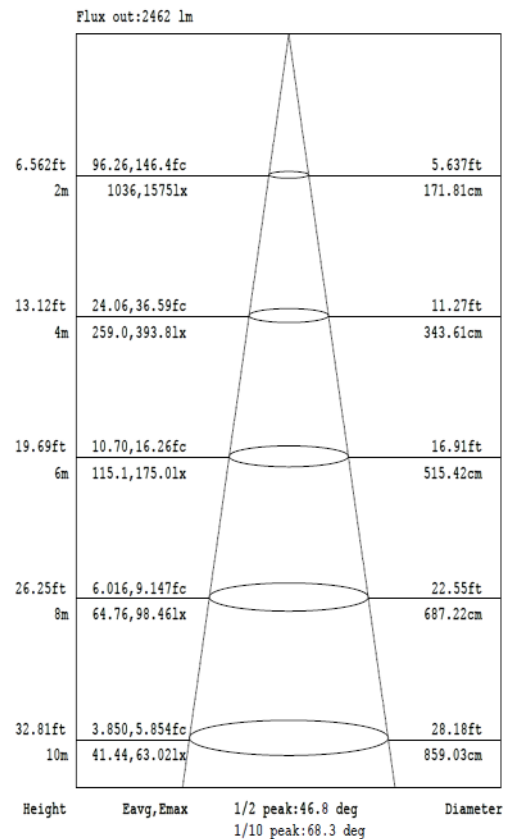
Illuminance

DISTANCE	COLOR			
	1m	3m	5m	10m
7000K(full on)	6540	803	307	95

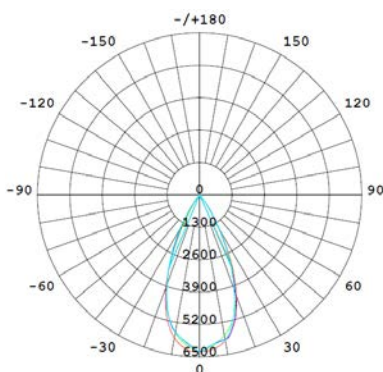
Light output

COLOR	Total(lumens)	Power(watts)	Efficacy(lm/w)
7000K (full on)	4599	173	27

Full intensity in 7000K

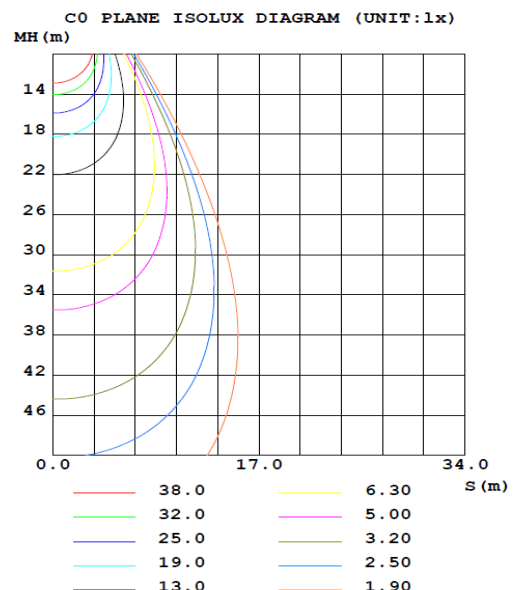


Light distribution



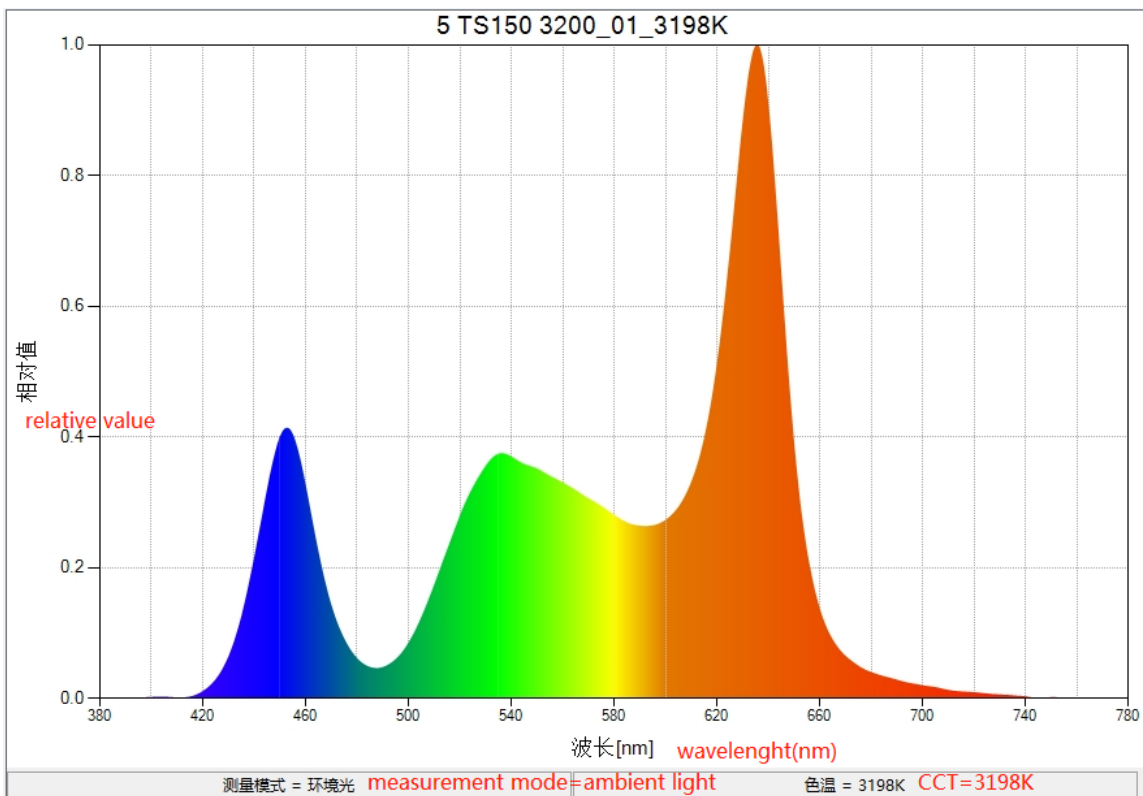
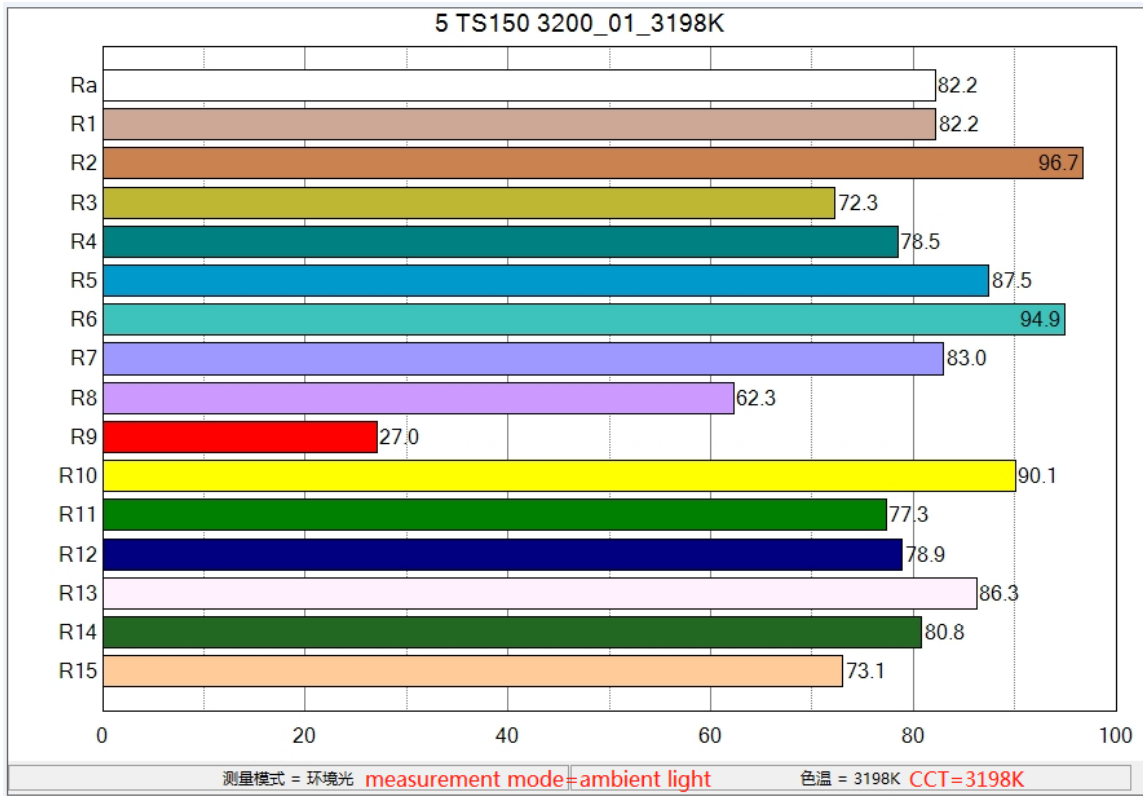
Measured on: 7000K(Full on)
 Beam center: 6303cd
 Thin dashed lined: Indicates 50% of Peak
Beam angle(50%): 46.8 degree
Field angle(10%): 68.3 degree

Isolux diagram (Unit: lx)

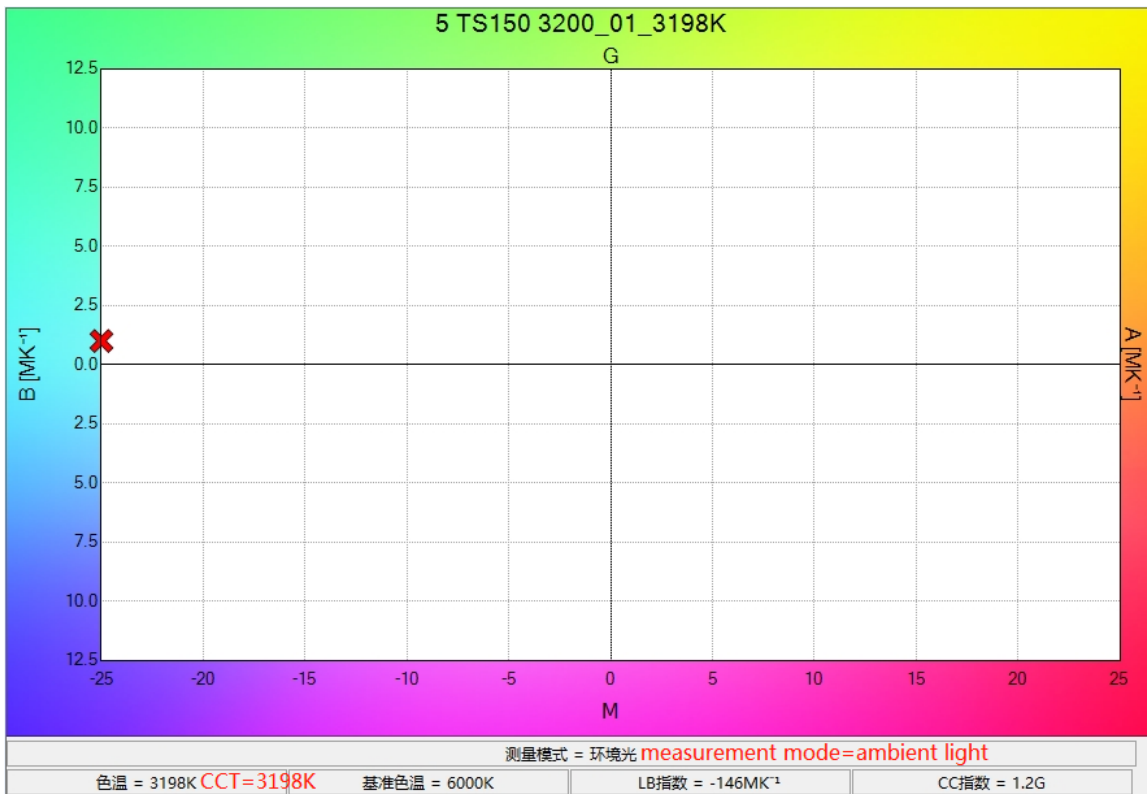
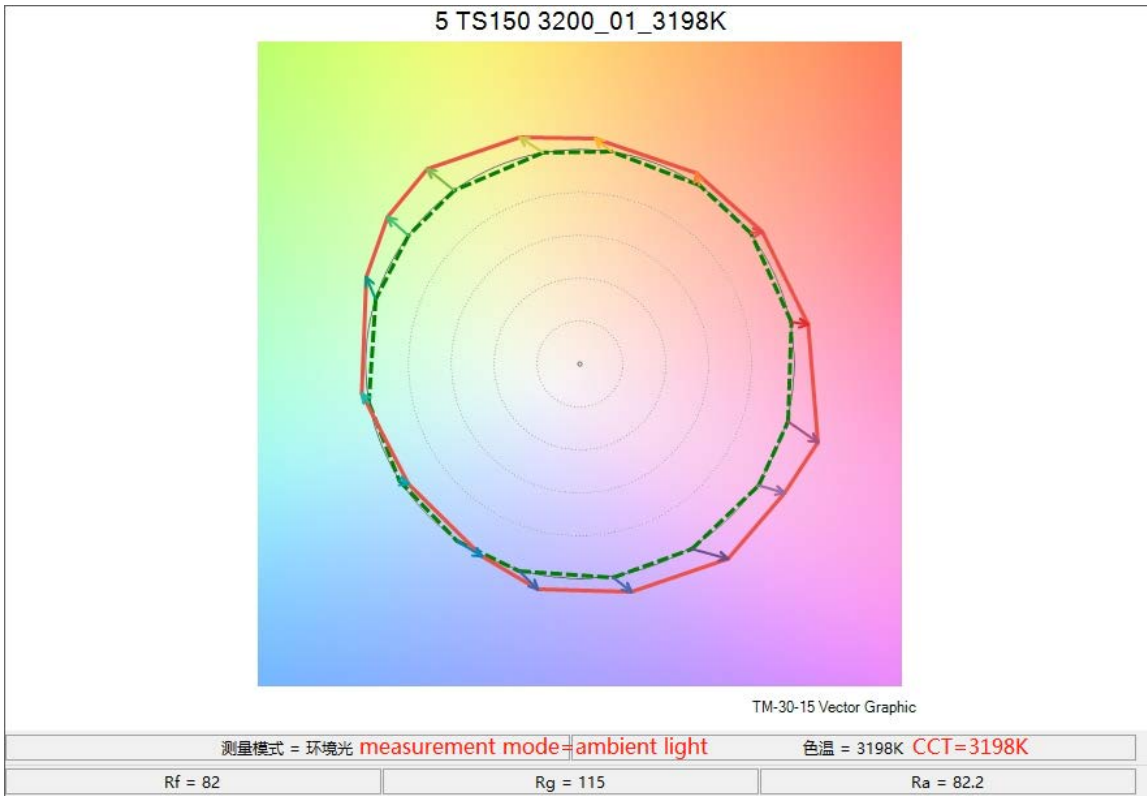


ACCLAIM LED FRESNEL

3200K



ACCLAIM LED FRESNEL

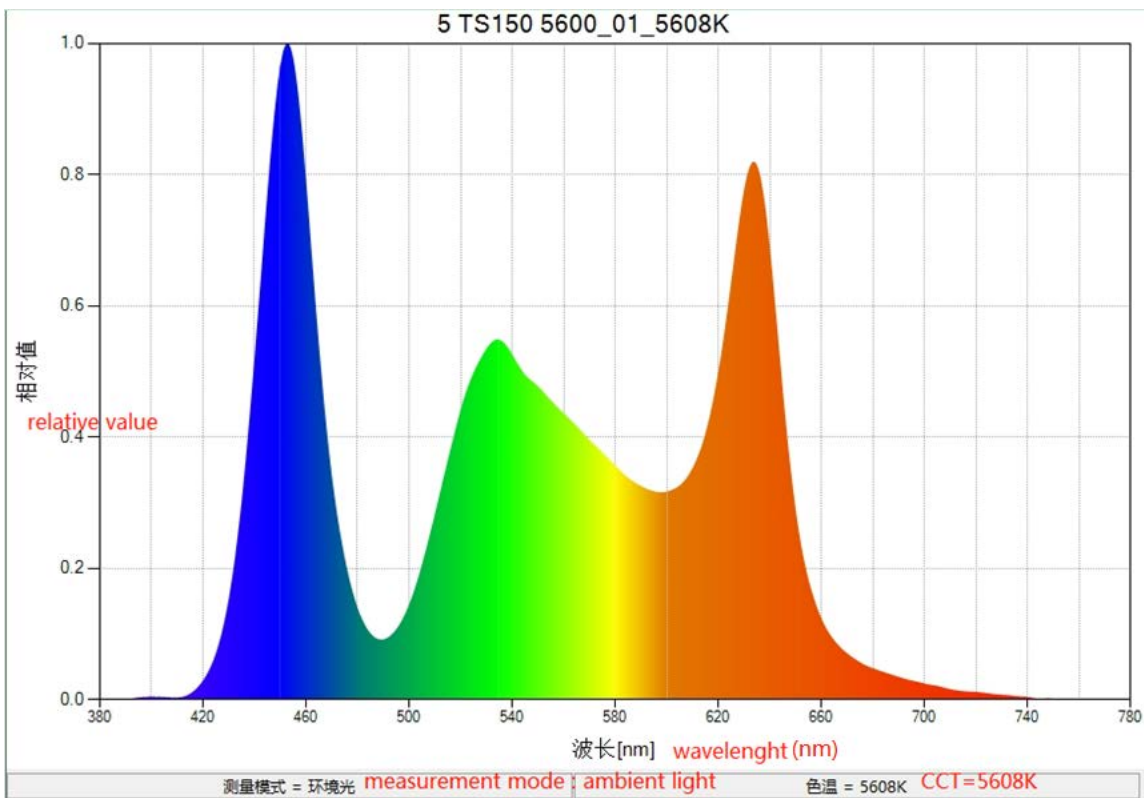
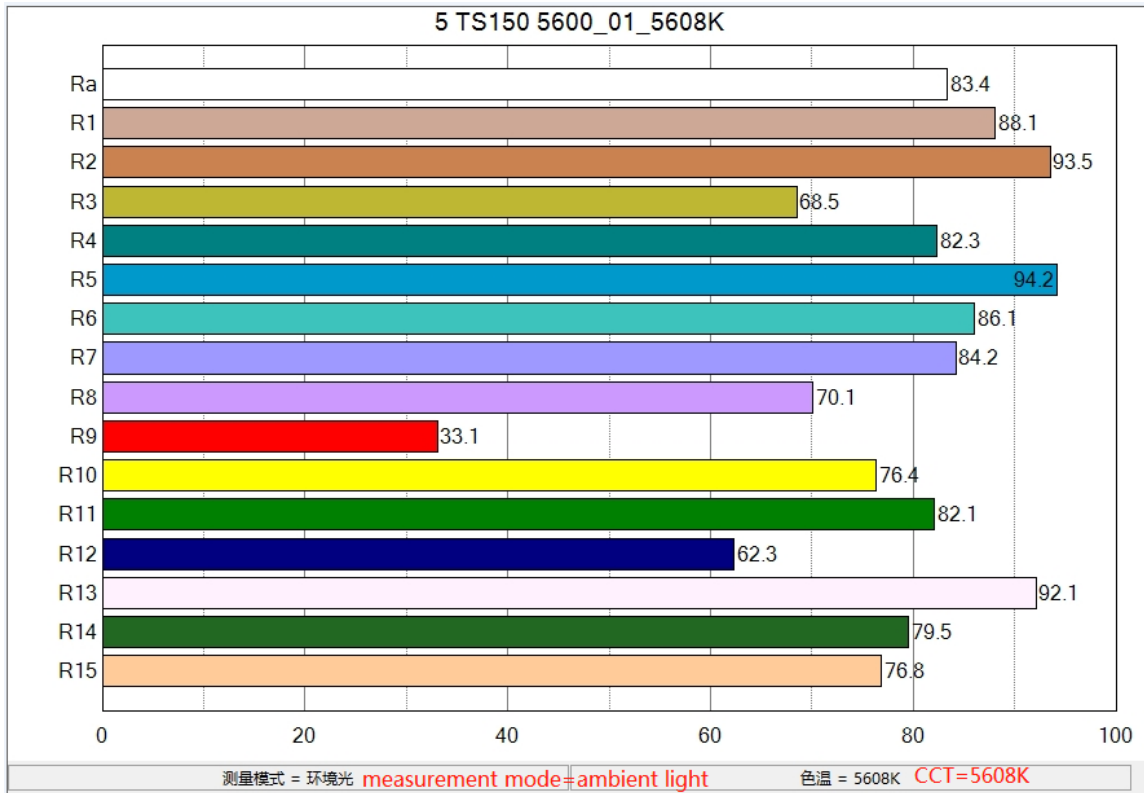


ACCLAIM LED FRESNEL

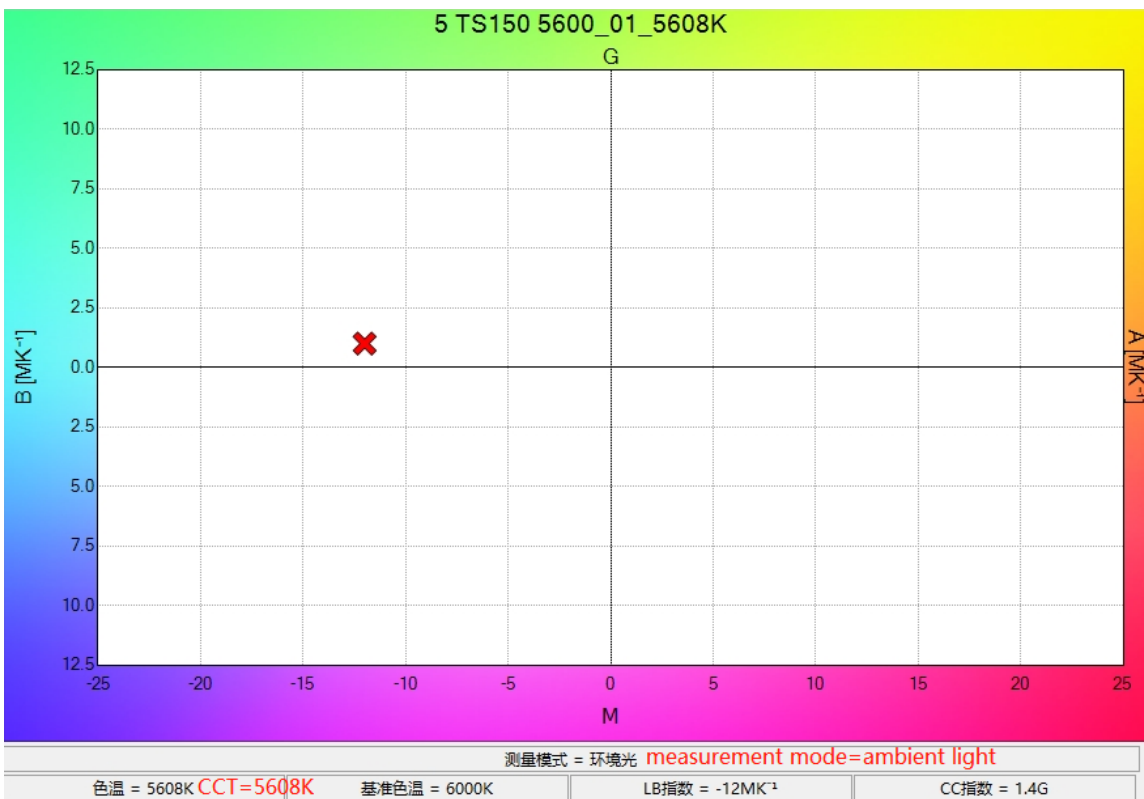
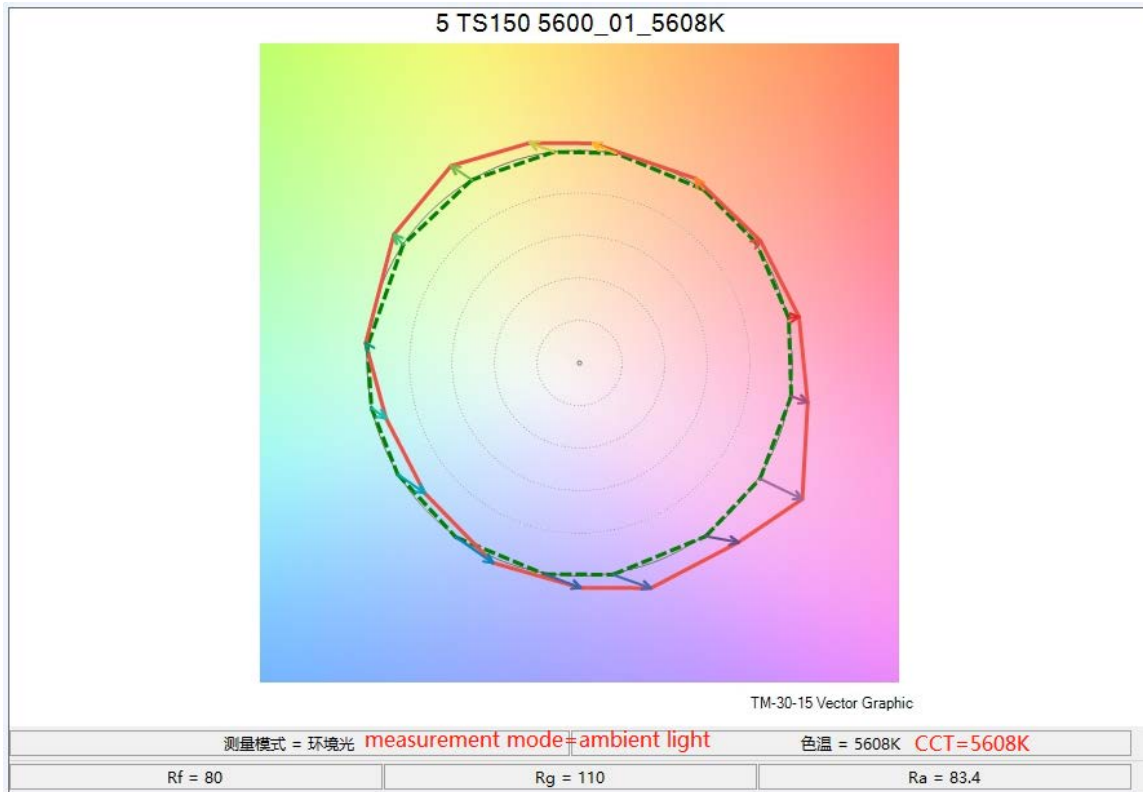
Measurement mode : ambient light
Color space/white point: HSI D65
CCT [K] 3198
Δuv -0.0113
Lux [lx] 2800
Benchmark color temperature[K] 10000 [K] 6000
LB Index [MK ⁻¹] -146
LB Camera Filter 80A
LB Color Filter E281 3/4 CTB E218 1/8 CTB
CC Index 1.2G
CC Camera Filter CC20G
CC Color Filter E246 1/4 PLUS G E278 1/8 PLUS G
CRI Ra 82.2
CRI R1 82.2
CRI R2 96.7
CRI R3 72.3
CRI R4 78.5
CRI R5 87.5
CRI R6 94.9
CRI R7 83
CRI R8 62.3
CRI R9 27
CRI R10 90.1
CRI R11 77.3
CRI R12 78.9
CRI R13 86.3
CRI R14 80.8
CRI R15 73.1
TM-30-15 Rf 82
TM-30-15 Rg 115
SSIt 59
SSId 39
SSI1 ---
SSI2 ---
TLCI 74
TLMF ---
CIE1931 x 0.4096
CIE1931 y 0.3674
Hue 26deg
Saturation 51%

ACCLAIM LED FRESNEL

5600K



ACCLAIM LED FRESNEL

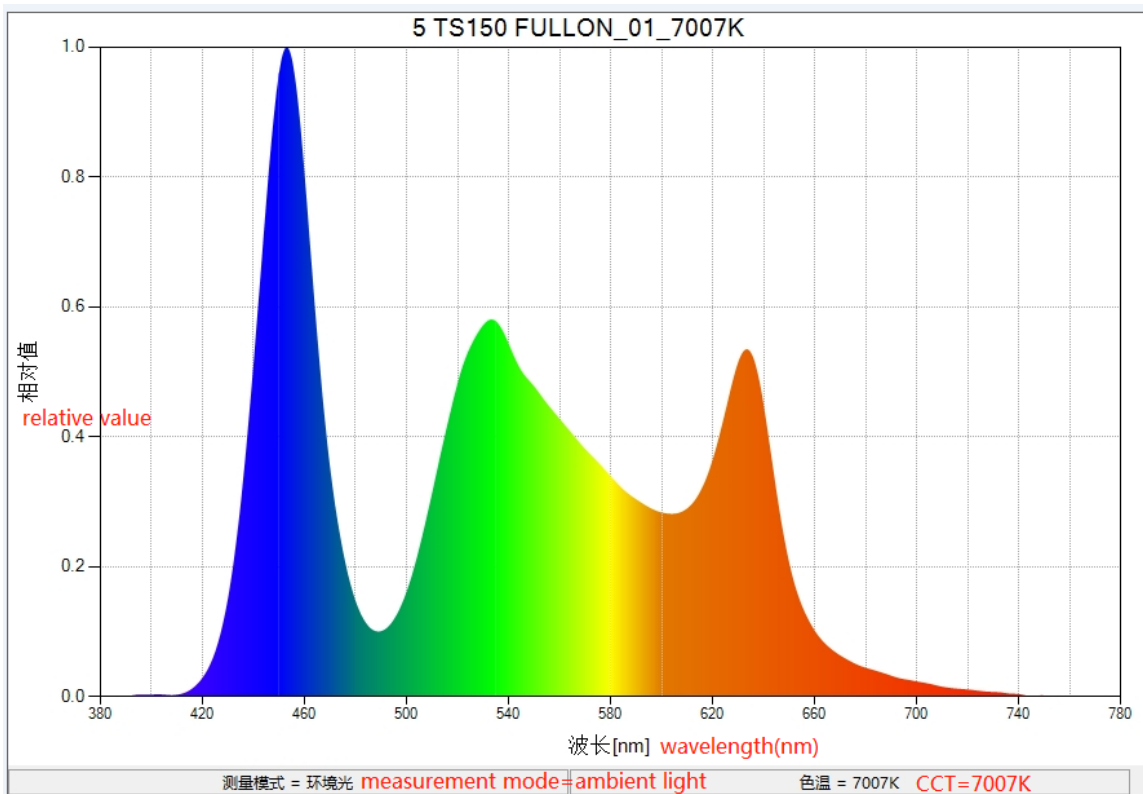
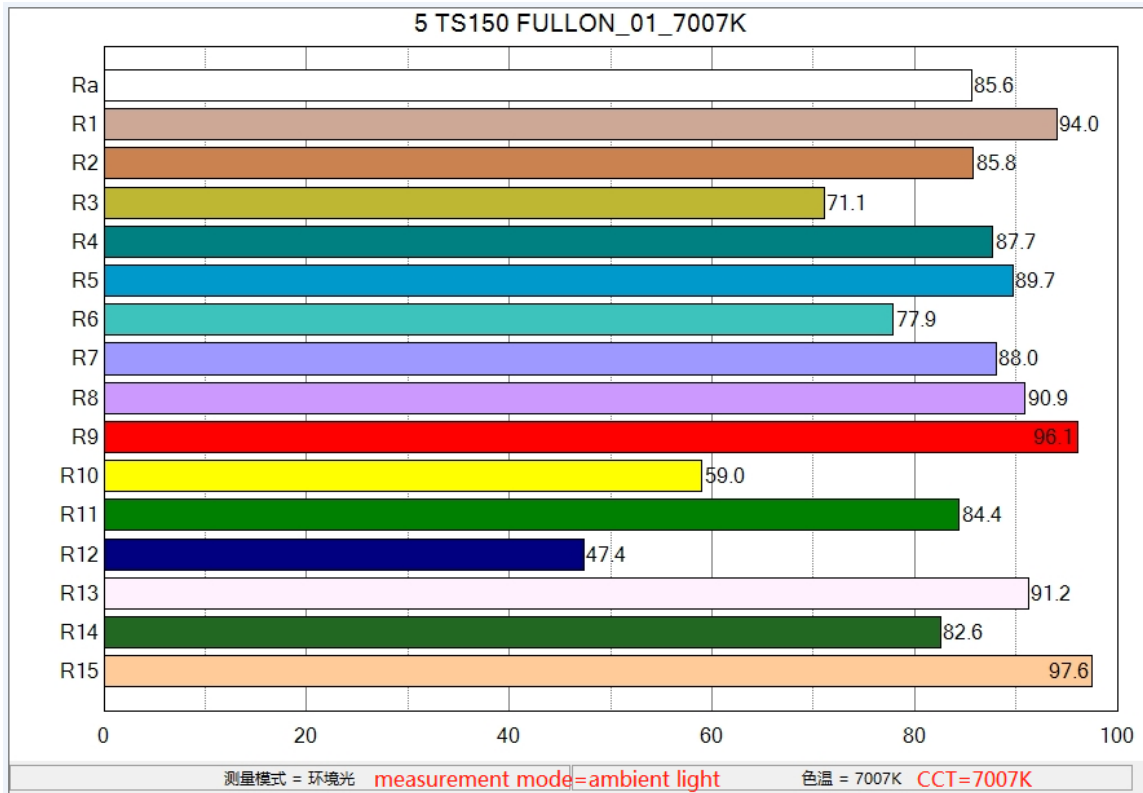


ACCLAIM LED FRESNEL

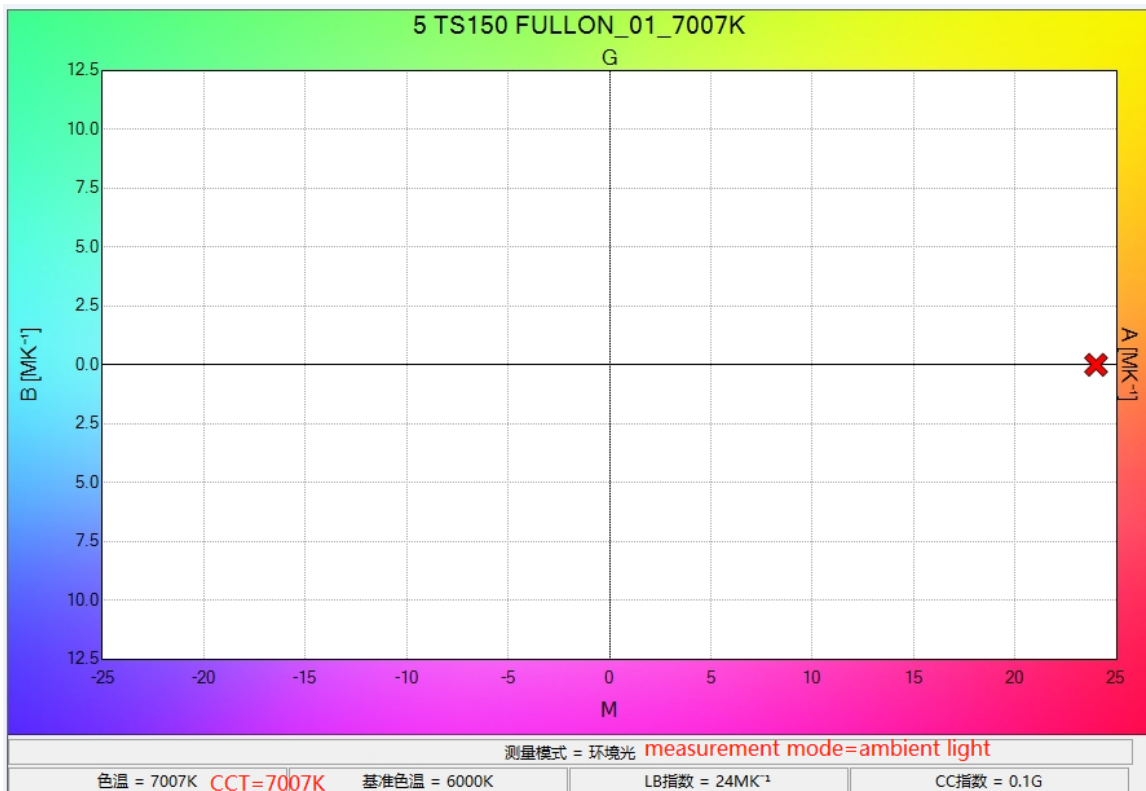
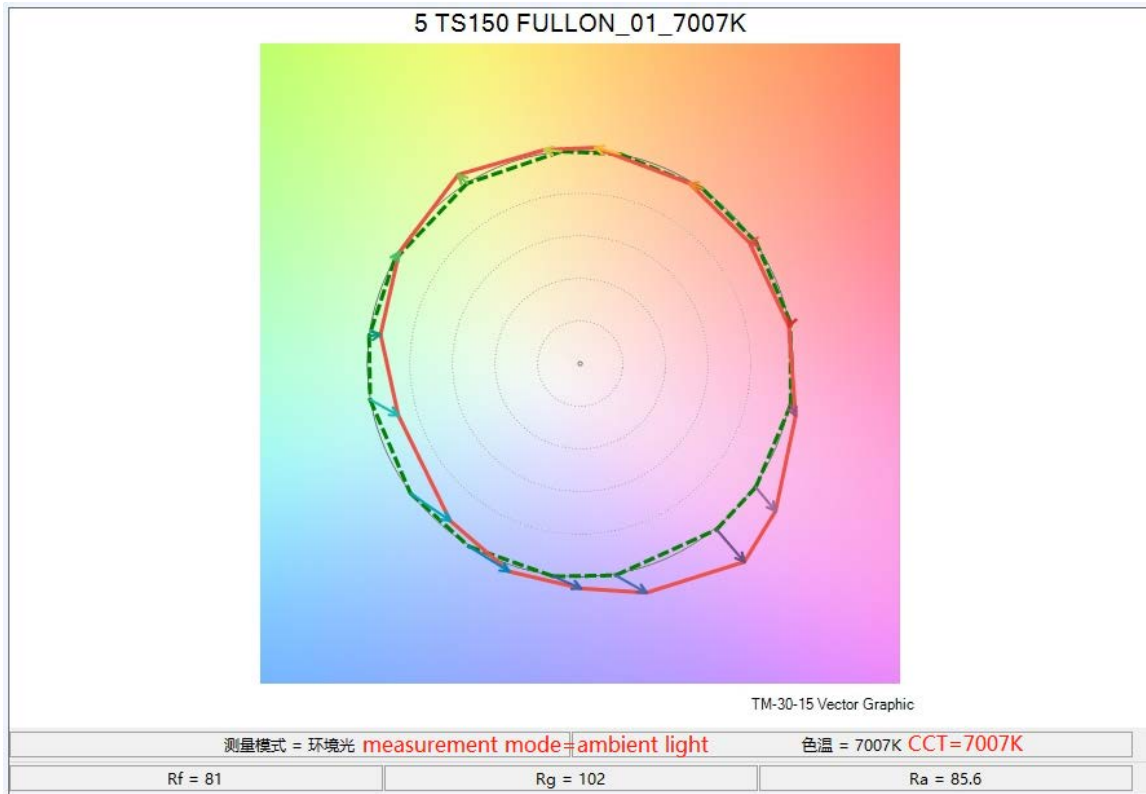
Measurement mode : Ambient Light
Color space/white point: HSI D65
CCT [K] 5608
Δuv -0.0123
Lux [lx] 2910
Benchmark color temperature [K] 6000
LB Index [MK ⁻¹] -12
LB Camera Filter 82A
LB Color Filter E218 1/8 CTB
CC Index 1.4G
CC Camera Filter CC10G CC025G
CC Color Filter E246 1/4 PLUS G
CRI Ra 83.4
CRI R1 88.1
CRI R2 93.5
CRI R3 68.5
CRI R4 82.3
CRI R5 94.2
CRI R6 86.1
CRI R7 84.2
CRI R8 70.1
CRI R9 33.1
CRI R10 76.4
CRI R11 82.1
CRI R12 62.3
CRI R13 92.1
CRI R14 79.5
CRI R15 76.8
TM-30-15 Rf 80
TM-30-15 Rg 110
SSIt 34
SSId 55
SSI1 ---
SSI2 ---
TLCI 79
TLMF ---
CIE1931 x 0.3302
CIE1931 y 0.3163
Hue 333deg
Saturation 11%

ACCLAIM LED FRESNEL

7000K(full on)



ACCLAIM LED FRESNEL



ACCLAIM LED FRESNEL

Measurement mode : Ambient Light
Color space/white point: HSI D65
CCT [K] 7007
Δuv 0.002
Lux [lx] 2990
Benchmark color temperature [K] 6000
LB Index [MK ⁻¹] 24
LB Camera filter 81B
LB Color filter E223 1/8 CTO
CC Index 0.1G
CC Camera filter CC025M
CC Color filter E279 1/8 MINUS G
CRI Ra 85.6
CRI R1 94
CRI R2 85.8
CRI R3 71.1
CRI R4 87.7
CRI R5 89.7
CRI R6 77.9
CRI R7 88
CRI R8 90.9
CRI R9 96.1
CRI R10 59
CRI R11 84.4
CRI R12 47.4
CRI R13 91.2
CRI R14 82.6
CRI R15 97.6
TM-30-15 Rf 81
TM-30-15 Rg 102
SSIt 25
SSId 55
SSI1 ---
SSI2 ---
TLCI 80
TLMF ---
CIE1931 x 0.3057
CIE1931 y 0.3196
Hue 236deg
Saturation 4%