電塾 PRESENTS

撮影用LEDのTM30-18の測定と実出力、距離１m時の１ステップ落ち範囲測定結果

SpecialThanks　インタースタジオ

目指せ！Rf90以上　Rg97~105以内

Aputure C300d-Pro
L14ステップ＝1絞り
4000mm(90°)
2000mm(60°)
1364mm(40°)
一絞りの減衰限界
1m時の減衰限界と配光角
Rf Rg
F値早見表
動画時のパワー
静止画時のパワー
色温度
波形にとぎれがないこと
連続波長を持っていない限り
Raは気にしない
F値
0.7
0.8
0.9
1
1.1
1.2
1.4
1.6
1.8
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2.2
2.5
2.8
3.2
3.5
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4.5
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5.6
6.3
7.1
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64
72
80
90
Rf 93 Rg 102
Tcp 5903K Δuv -0.0012
ISO200 1/30 F18
ISO100 1/250 F4.6
lux 14800lx
Tcp 5903K
Δuv -0.0012
Ra 96.6
Aputure 300d II

Lab PokeSole
L14ステップ＝1絞り
4000mm(90°)
2000mm(60°)
1364mm(40°)
2500mm 70°
F値
0.7
0.8
0.9
1
1.1
1.2
1.4
1.6
1.8
2
2.2
2.5
2.8
3.2
3.5
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4.5
5
5.6
6.3
7.1
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22
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45
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57
64
72
80
90
Rf 93 Rg 105
Tcp 4298K Δuv -0.0053
SO200 1/30 F5
SO100 1/250 F0.9
lux 5110lx
Tcp 4298K
Δuv -0.0053
Ra 95.0

Lab PokeSole リフレクター付き

L14ステップ＝1絞り

4000mm(90°)

2000mm(60°)

1364mm(40°)

1800mm 60°

F値
0.7
0.8
0.9
1
1.1
1.2
1.4
1.6
1.8
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2.2
2.5
2.8
3.2
3.5
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4.5
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5.6
6.3
7.1
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40
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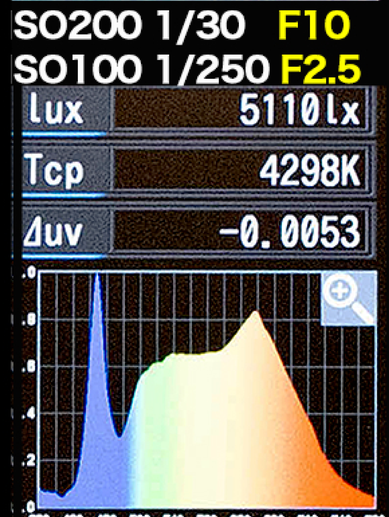
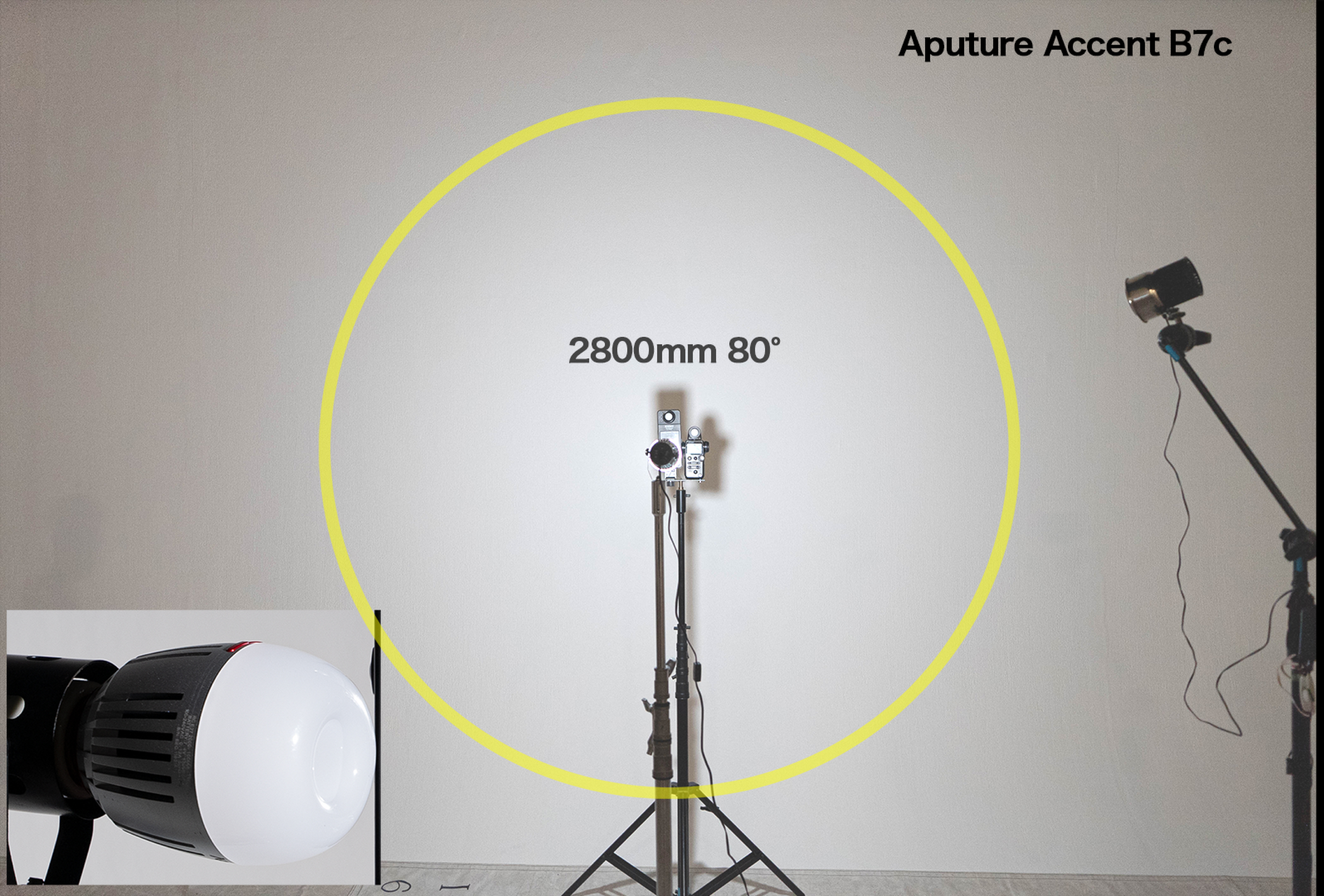
51
57
64
72
80
90

SO200 1/30 F10
SO100 1/250 F2.5




Aputure Accent B7c
2800mm 80°
F値
0.7
0.8
0.9
1
1.1
1.2
1.4
1.6
1.8
2
2.2
2.5
2.8
3.2
3.5
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4.5
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5.6
6.3
7.1
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45
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57
64
72
80
90
Rf 95 Rg 104
Tcp 4282K Δuv -0.0011
ISO200 1/30 F1.6
ISO100 1/250 F0.6
lux 136lx
Tcp 4282K
Δuv -0.0011
Ra 93.2

Aputure LS600d-Pro

2400mm 64°

F値
0.7
0.8
0.9
1
1.1
1.2
1.4
1.6
1.8
2
2.2
2.5
2.8
3.2
3.5
4
4.5
5
5.6
6.3
7.1
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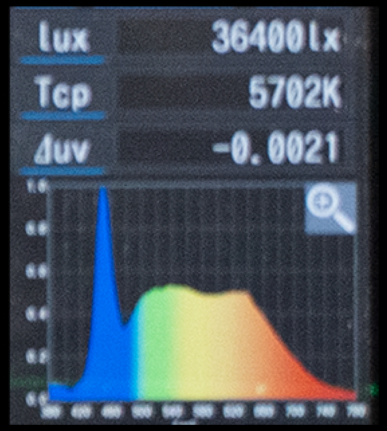
57
64
72
80
90

ISO200 1/30 F29
ISO100 1/250 F7.1



Aputure LS600d-Pro リフレクター付

1400mm 40°

F値
0.7
0.8
0.9
1
1.1
1.2
1.4
1.6
1.8
2
2.2
2.5
2.8
3.2
3.5
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4.5
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5.6
6.3
7.1
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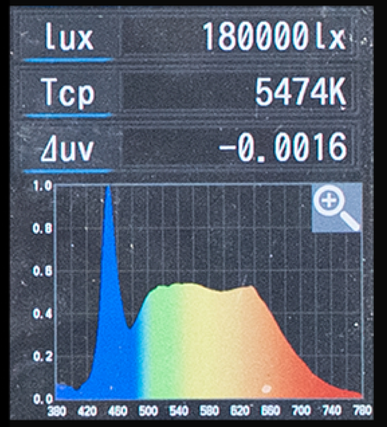
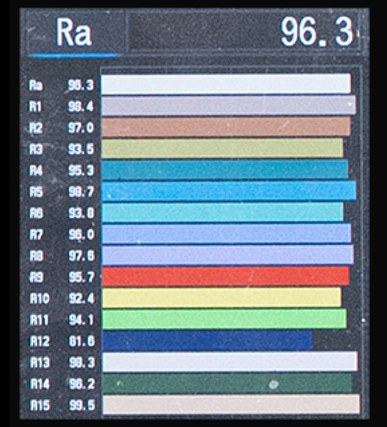
ISO200 1/30 F64
ISO100 1/250 F16





Aputure LS600x-Pro

2200mm 62°

F値
0.7
0.8
0.9
1
1.1
1.2
1.4
1.6
1.8
2
2.2
2.5
2.8
3.2
3.5
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4.5
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5.6
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7.1
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72
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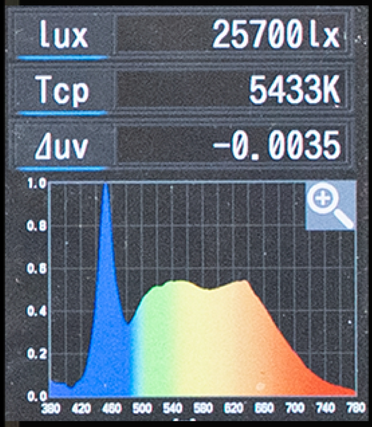
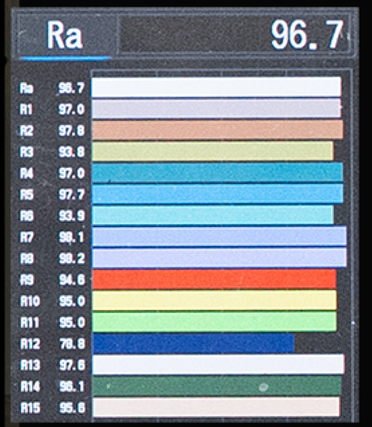
90

ISO200 1/30 F25
ISO100 1/250 F6.3





Aputure LS600x-Pro リフレクター有

1400mm 40°

F値
0.7
0.8
0.9
1
1.1
1.2
1.4
1.6
1.8
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2.2
2.5
2.8
3.2
3.5
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5.6
6.3
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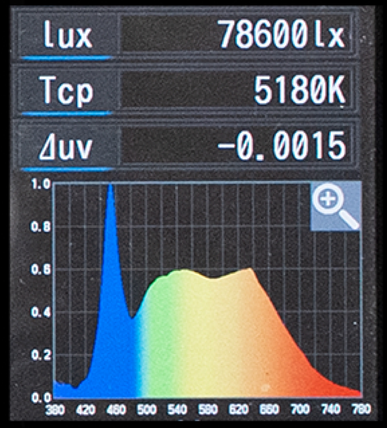
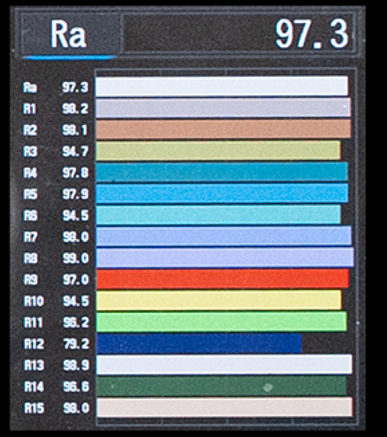
ISO200 1/30 F45
ISO100 1/250 F11





Aputure C300d-Pro

2200mm 62°

F値
0.7
0.8
0.9
1
1.1
1.2
1.4
1.6
1.8
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2.2
2.5
2.8
3.2
3.5
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4.5
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5.6
6.3
7.1
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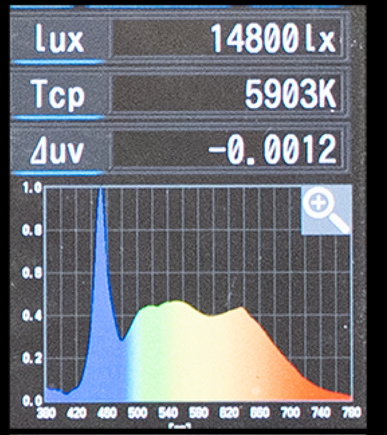
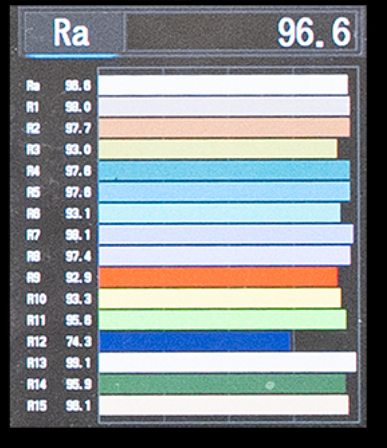
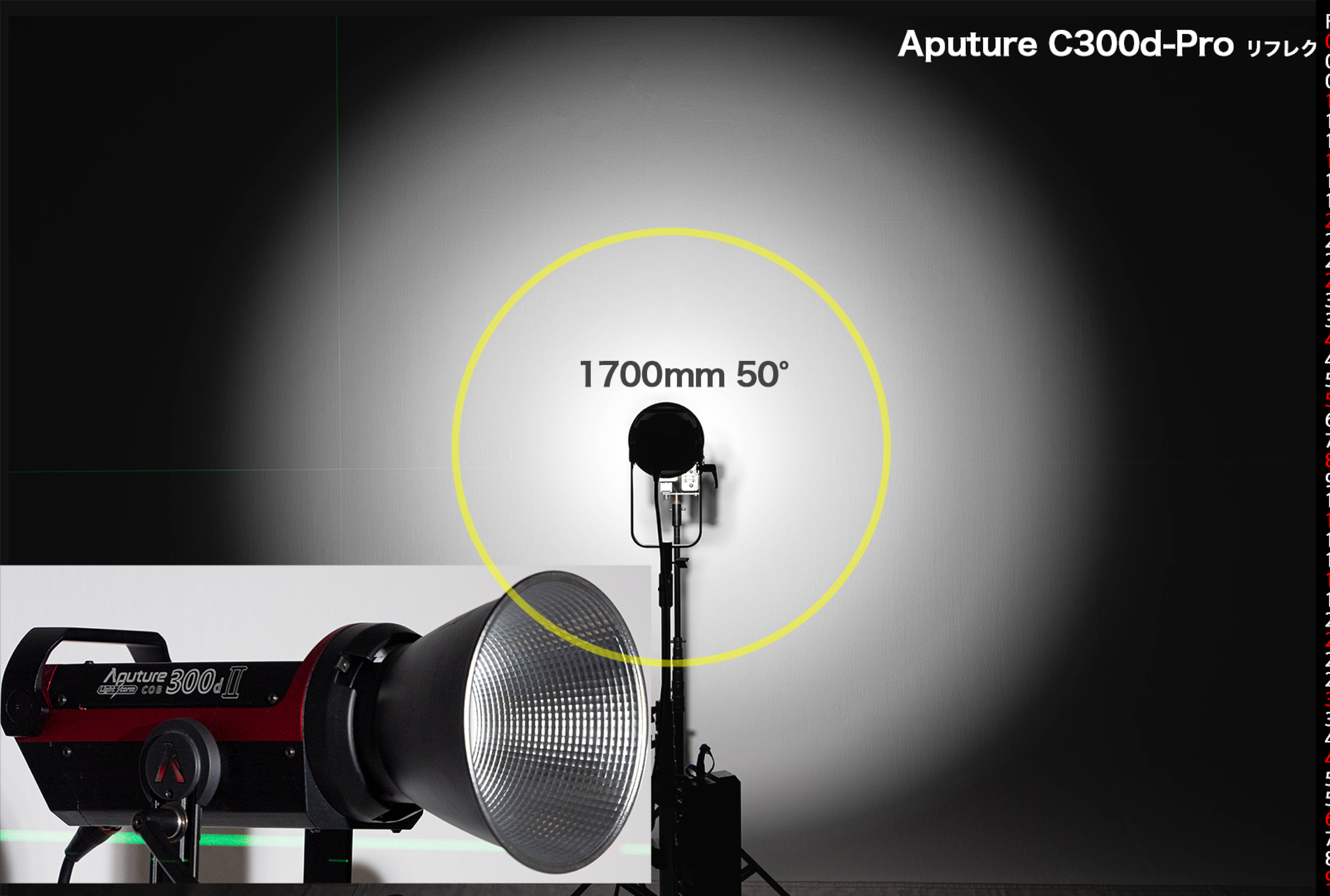
ISO200 1/30 F18
ISO100 1/250 F4.6






Aputure C300d-Pro リフレク
1700mm 50°
Aputure 300d II
F値
0.7
0.8
0.9
1
1.1
1.2
1.4
1.6
1.8
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2.2
2.5
2.8
3.2
3.5
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4.5
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5.6
6.3
7.1
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72
80
90
Rf 93 Rg 102
Tcp 5903K Δuv -0.0012
ISO200 1/30 F40
ISO100 1/250 F10
lux 43800lx
Tcp 5842K
Δuv -0.0031
Ra 96.4
Ra 96.4
R1 96.0
R2 98.0
R3 94.1
R4 97.7
R5 98.8
R6 93.9
R7 99.3
R8 95.6
R9 88.7
R10 98.3
R11 95.4
R12 78.3
R13 98.8
R14 98.3
R15 93.3

LS600d-Pro

LS600x-Pro

C300d-Pro

PokeSole

F値
0.7
0.8
0.9
1
1.1
1.2
1.4
1.6
1.8
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2.2
2.5
2.8
3.2
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80
90

Aputure NOVA P300c

2200mm 62°

F値
0.7
0.8
0.9
1
1.1
1.2
1.4
1.6
1.8
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2.2
2.5
2.8
3.2
3.5
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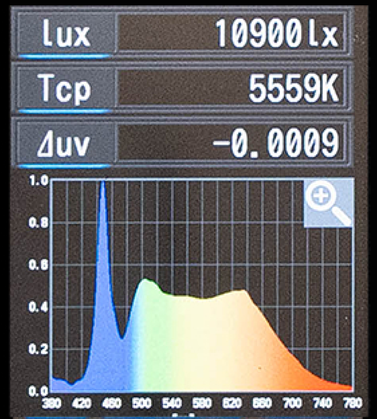
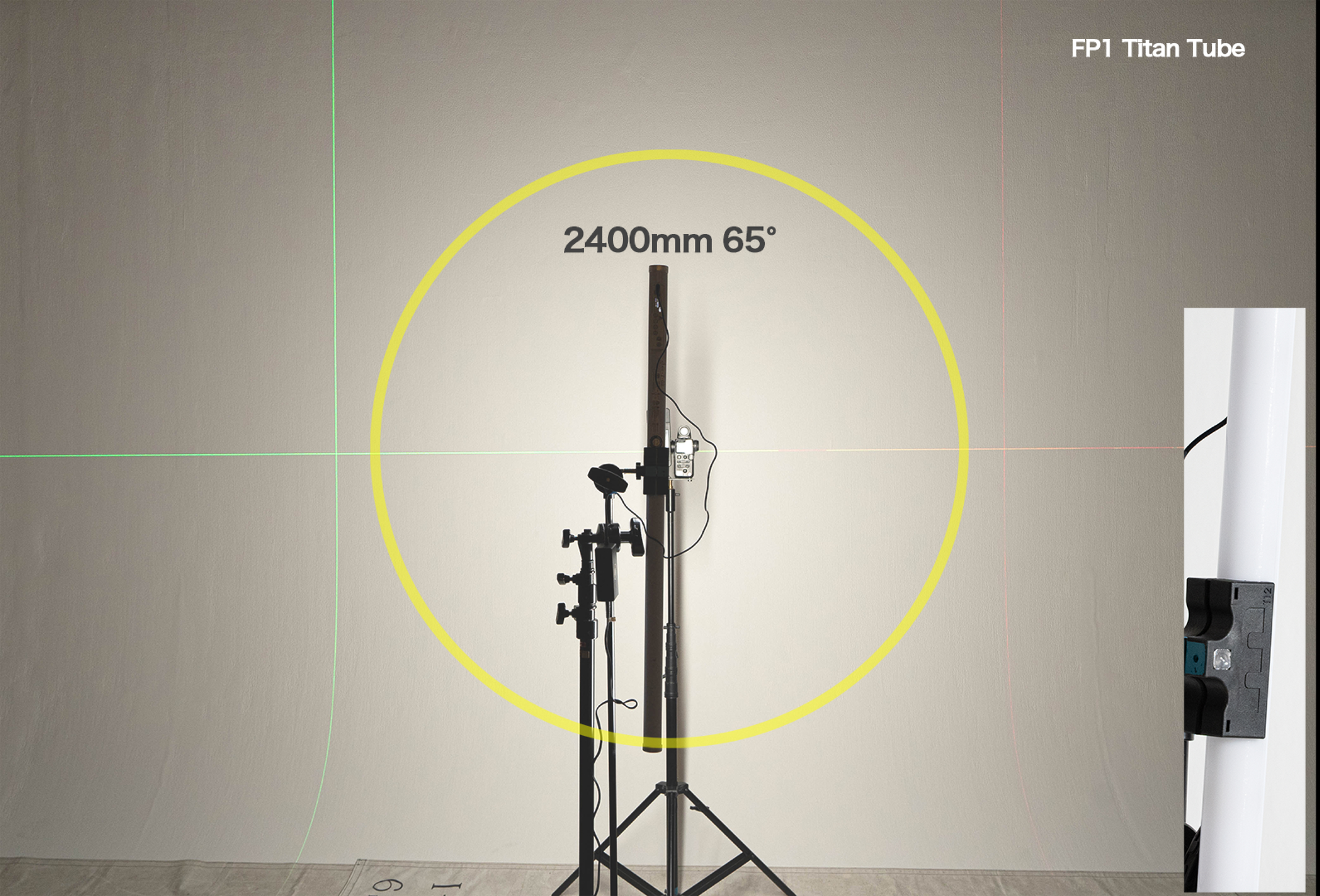
SO200 1/30 F18
SO100 1/250 F4.5





F値
0.7
0.8
0.9
1
1.1
1.2
1.4
1.6
1.8
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2.2
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2.8
3.2
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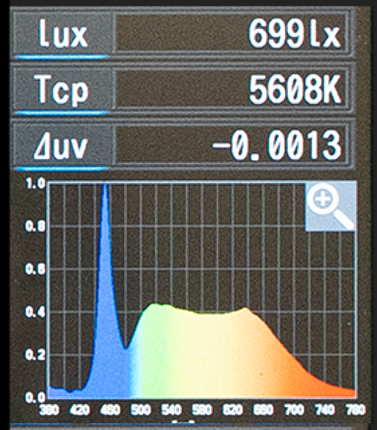
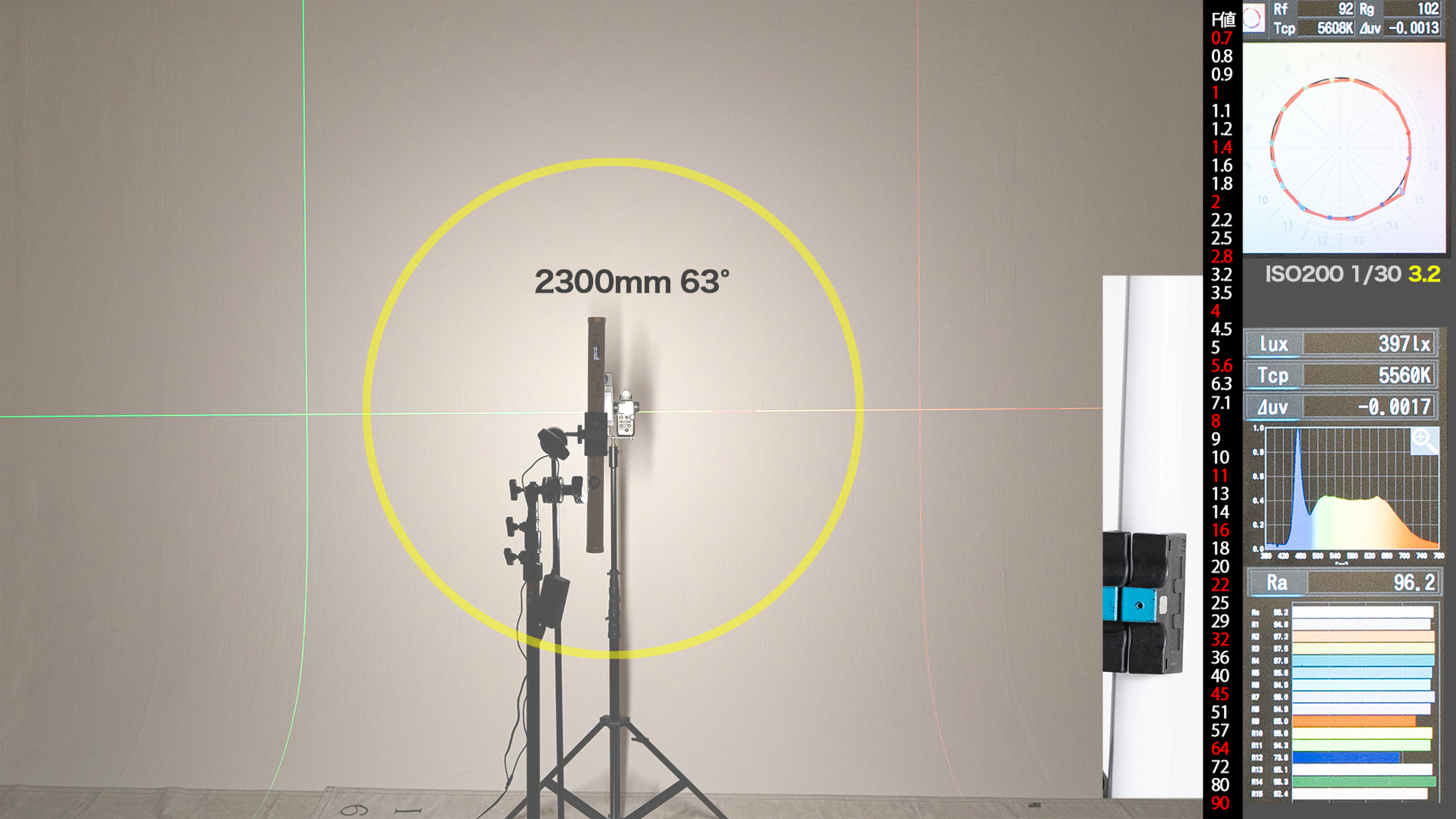
ISO200 1/30 F4.1




2300mm 63°
F値
0.7
0.8
0.9
1
1.1
1.2
1.4
1.6
1.8
2
2.2
2.5
2.8
3.2
3.5
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4.5
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5.6
6.3
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51
57
64
72
80
90
Rf 92 Rg 102
Tcp 5608K Δuv -0.0013
ISO200 1/30 3.2
Lux 397lx
Tcp 5560K
Δuv -0.0017
Ra 96.2

F値
0.7
0.8
0.9
1
1.1
1.2
1.4
1.6
1.8
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2.2
2.5
2.8
3.2
3.5
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Rf 87 Rg 107
Tcp 5460K Δuv -0.0117

ISO200 1/30 F3.2

Lux 1830lx
Tcp 5460K
Δuv -0.0117

Ra 91.3

F値
0.7
0.8
0.9
1
1.1
1.2
1.4
1.6
1.8
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2.2
2.5
2.8
3.2
3.5
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4.5
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6.3
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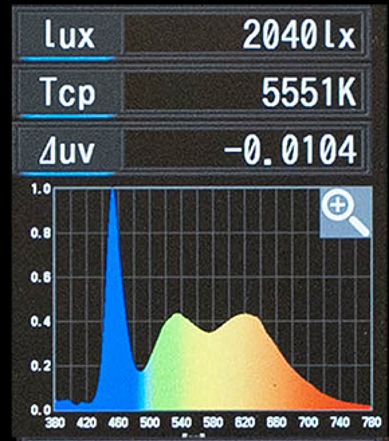
ISO200 1/30 F2.8



.C-700RSV

2800mm 72°

F値
0.7
0.8
0.9
1
1.1
1.2
1.4
1.6
1.8
2
2.2
2.5
2.8
3.2
3.5
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80
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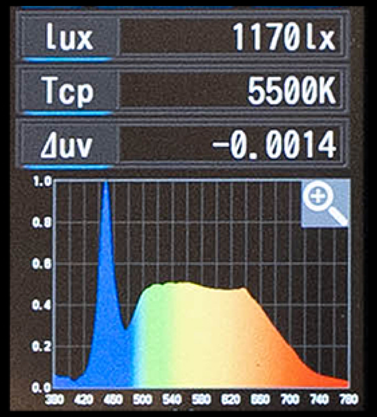
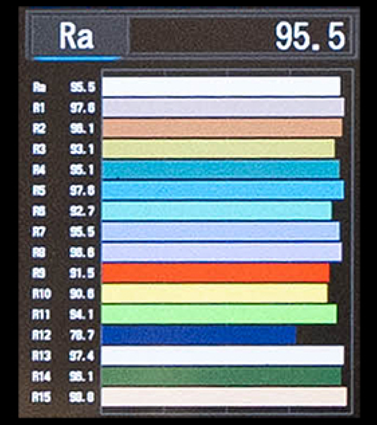
ISO200 1/30 F4.1





F値
0.7
0.8
0.9
1
1.1
1.2
1.4
1.6
1.8
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2.8
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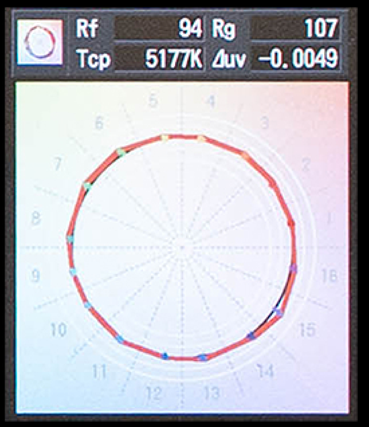
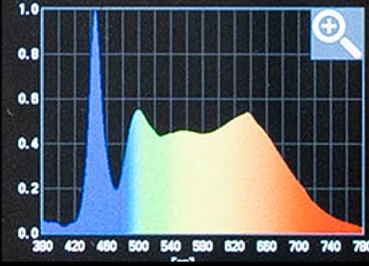
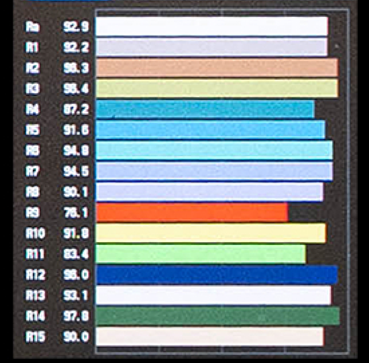


ISO200 1/30 F9

lux	2760lx
Tcp	5061K
Δuv	-0.0054



Ra	92.9