

EDGESolo Batwing 65°

ESO275

Light efficiency:

109 Lumen/Watt**Output: 2972 lm**

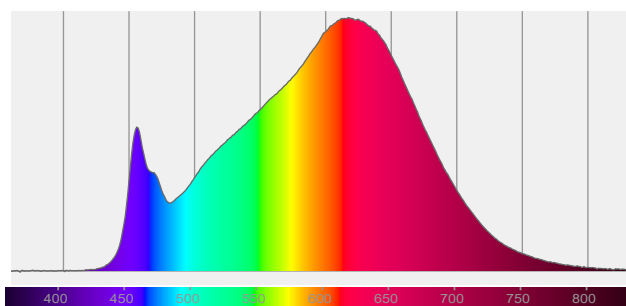
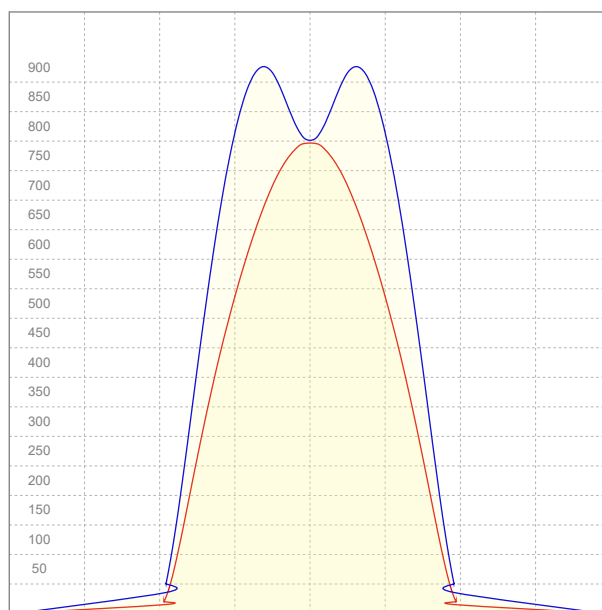
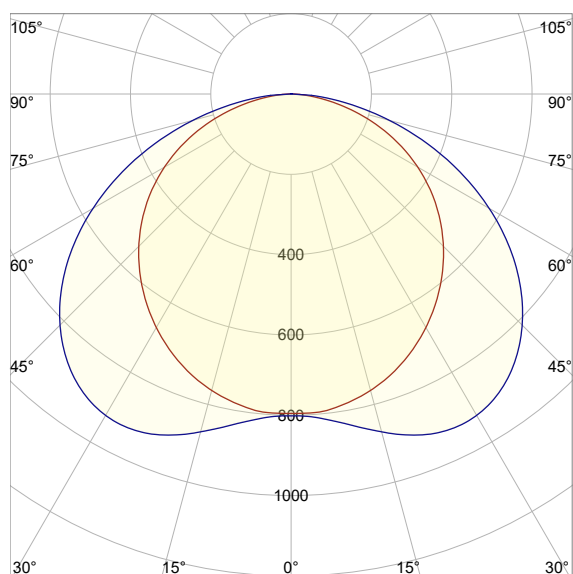
Light quality:

CRI: 92.5**Peak: 926 cd**

Color temperature:

2970 K**Power: 27.3 W****PF: 1.0**

No photo



Product name:

EDGESolo Batwing 65°

Item number:

ESO275

Configuration:

ESO275-4FT-3590-AL-DB65-750LPF

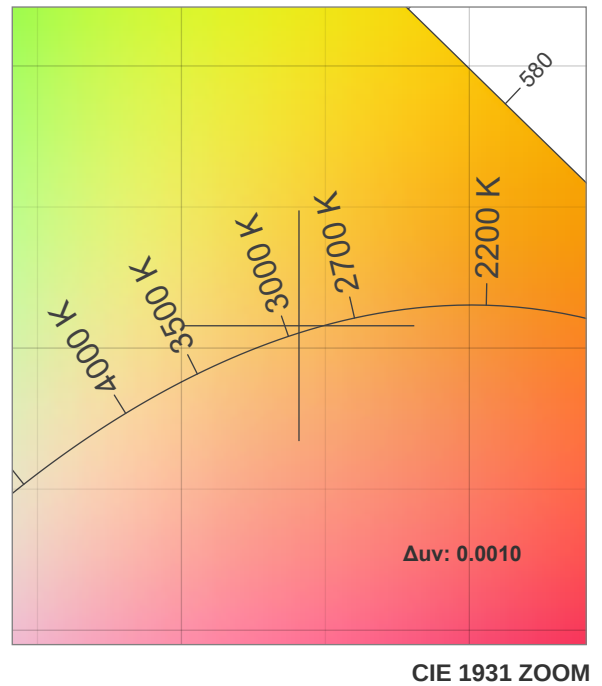
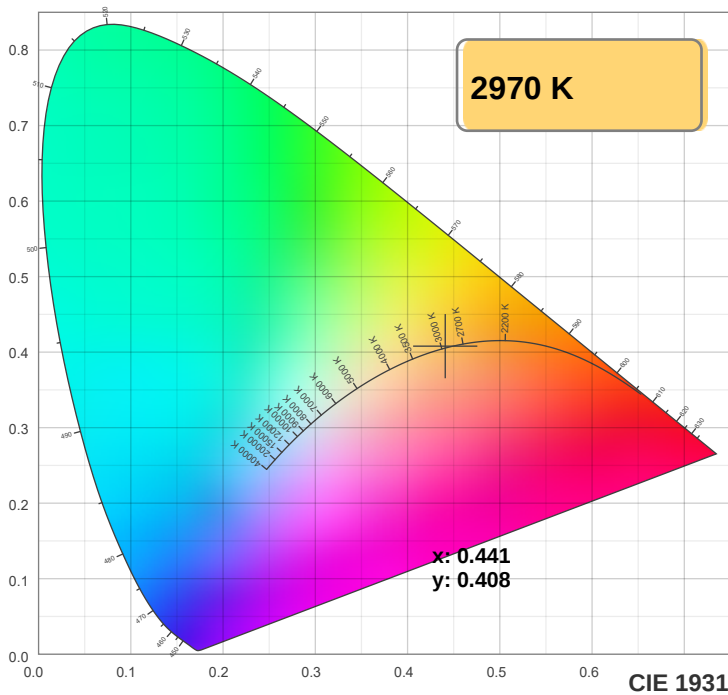
Date and time:

11/8/2021 3:10:22 PM

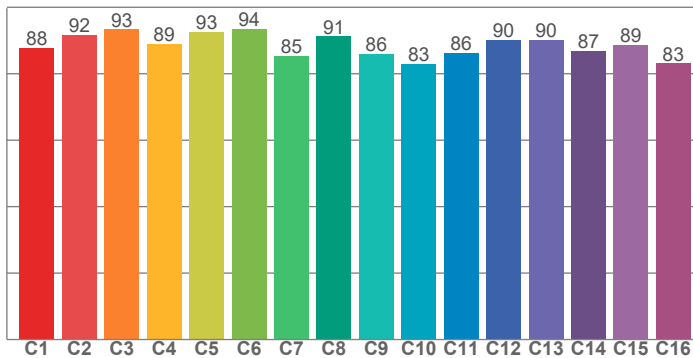
Description:

Power Supply @ 860mA

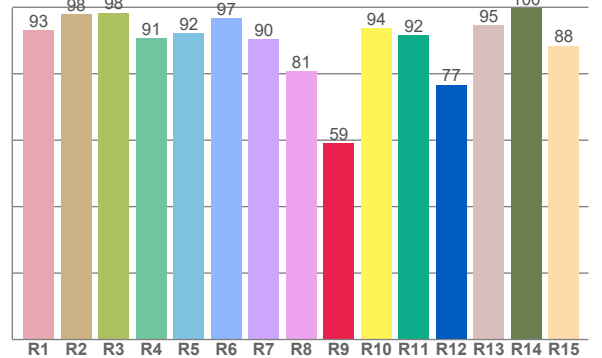
Color Details



TM-30: 88.7



CRI: 92.5 (R1-R8)



CRI R values, only R1-R8 are used to calculate final CRI value

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
93.1	97.9	98.3	90.7	92.1	96.7	90.4	80.8	59.0	93.7	91.6	76.6	94.7	99.8	88.5

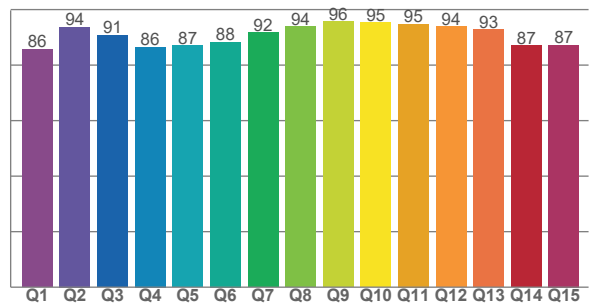
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
87.8	91.7	93.4	89.1	92.5	93.6	85.5	91.2	86.0	82.9	86.2	90.1	90.2	86.9	88.7	83.2

CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
85.7	93.8	90.7	86.5	87.0	88.3	91.7	93.9	95.7	95.3	94.8	93.8	92.8	87.1	87.2

CQS: 90.2



Color parameters

Color temperature	Color rendering index	Red component	Color fidelity	Color gamut	Color quality scale	Color coordinate cie 1931	Color coordinate cie 1931	Color coordinate	Color coordinate	Color deviation from black body
CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	x	y	u	v	Δuv
2970 K	92.5	59.0	88.7	95.2	90.2	0.441	0.408	0.251	0.349	0.0010

TM-30 Details

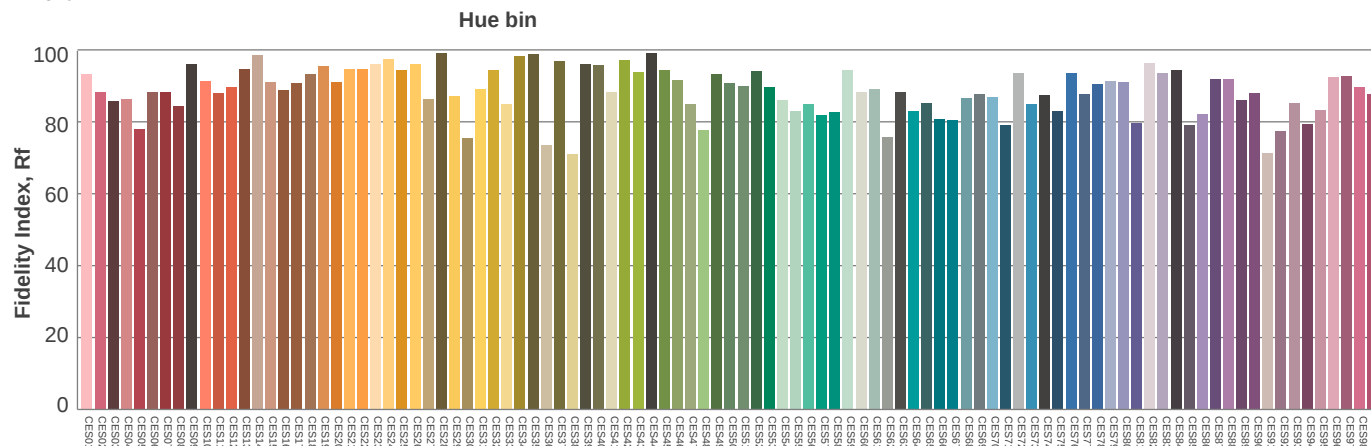
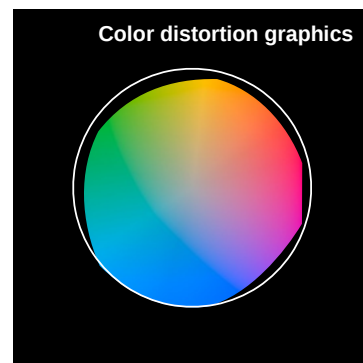
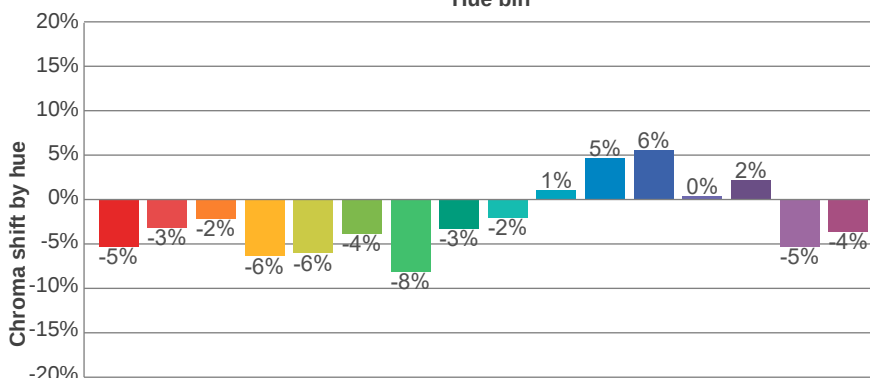
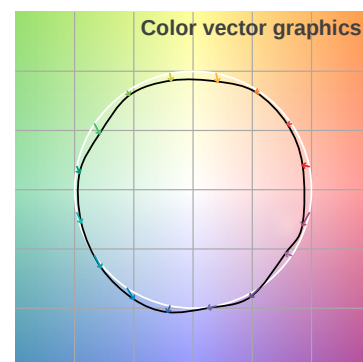
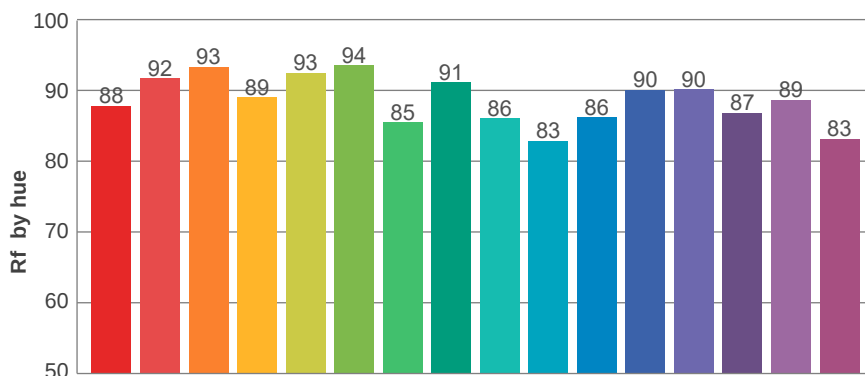
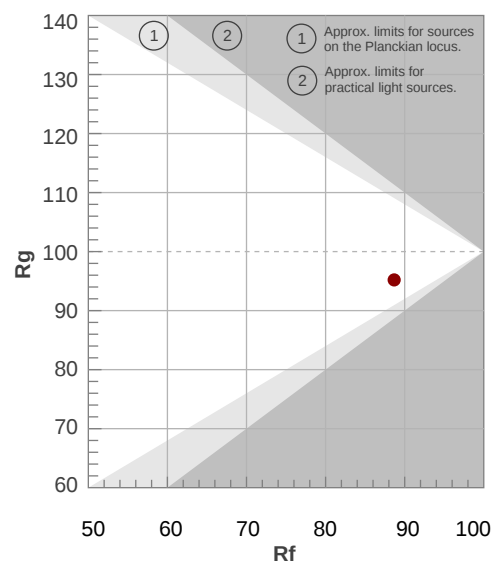
Rf 88.7

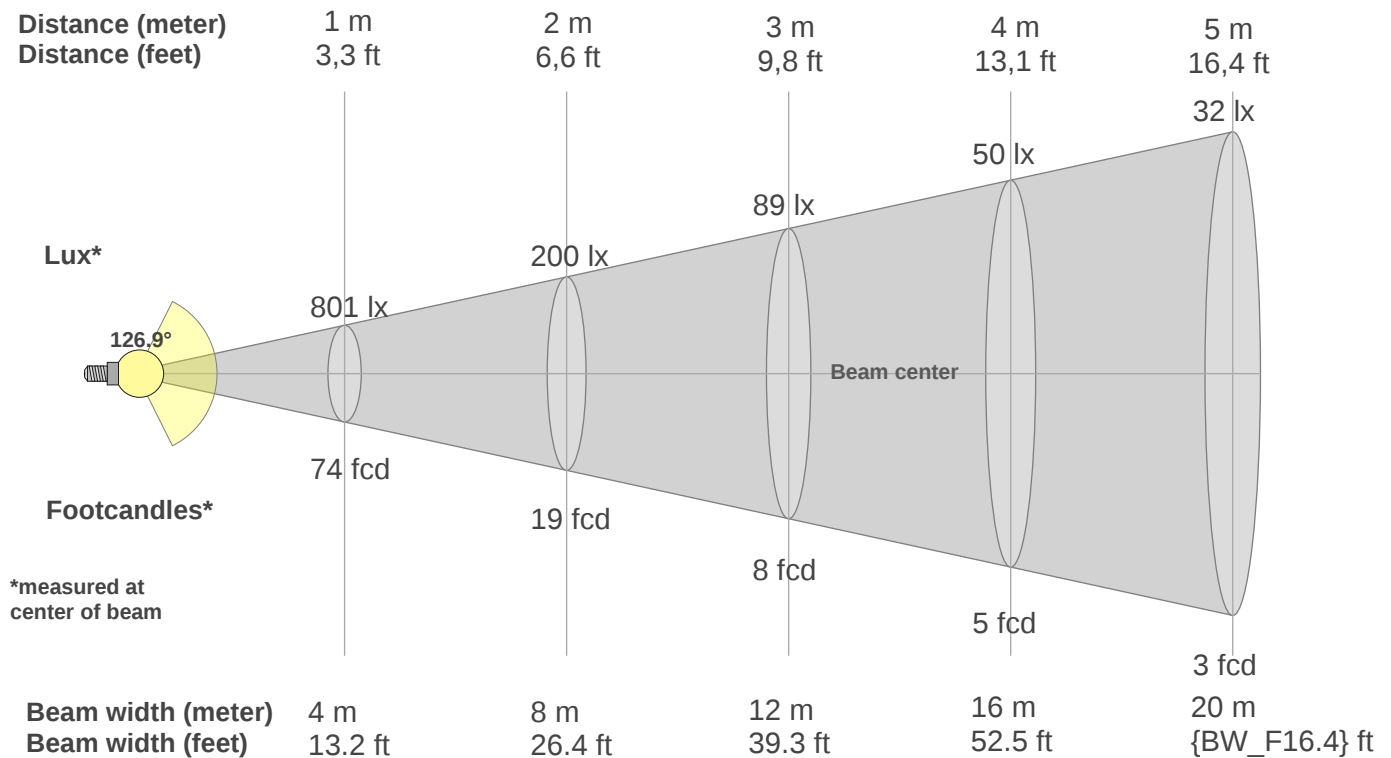
Fidelity index Rf

Rg 95.2

Gamut index Rg

Hue Bin	R _f	Shifts (%)	
		Chroma	Hue
1	88	-5%	2%
2	92	-3%	2%
3	93	-2%	2%
4	89	-6%	-3%
5	93	-6%	0%
6	94	-4%	0%
7	85	-8%	4%
8	91	-3%	5%
9	86	-2%	9%
10	83	1%	11%
11	86	5%	10%
12	90	6%	-1%
13	90	0%	-7%
14	87	2%	-10%
15	89	-5%	-1%
16	83	-4%	-12%





1m	2m	3m	4m	5m	6m	7m	8m	9m	10m	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
801lx	200lx	89lx	50lx	32lx	22lx	16lx	13lx	10lx	8lx	7lx	6lx	5lx	4lx	4lx	3lx	3lx	2lx	2lx	2lx
74.4fcd	18.6fcd	8.3fcd	4.6fcd	3fcd	2.1fcd	1.5fcd	1.2fcd	0.9fcd	0.7fcd	0.6fcd	0.5fcd	0.4fcd	0.4fcd	0.3fcd	0.3fcd	0.3fcd	0.2fcd	0.2fcd	0.2fcd

0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°	55°	60°	65°	70°	75°	80°	85°	90°	95°
801	794	782	764	739	707	671	630	585	536	483	426	364	298	229	158	91	37	14	14
100%	99%	98%	95%	92%	88%	84%	79%	73%	67%	60%	53%	45%	37%	29%	20%	11%	5%	2%	2%

0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°	55°	60°	65°	70°	75°	80°	85°	90°	95°
801	812	837	871	902	921	922	903	866	812	744	662	569	467	360	253	152	67	34	32
100%	101%	105%	109%	113%	115%	115%	113%	108%	101%	93%	83%	71%	58%	45%	32%	19%	8%	4%	4%

0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°	55°	60°	65°	70°	75°	80°	85°	90°	95°
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100%	99%	98%	95%	92%	88%	84%	79%	73%	67%	60%	53%	45%	37%	29%	20%	11%	5%	2%	2%

0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°	55°	60°	65°	70°	75°	80°	85°	90°	95°
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100%	101%	105%	109%	113%	115%	115%	113%	108%	101%	93%	83%	71%	58%	45%	32%	19%	8%	4%	4%

UGR

Glare evaluation according to UGR

p Ceiling		70	70	50	50	30	70	70	50	50	30
p Walls		50	30	50	30	30	50	30	50	30	30
p Floor		20	20	20	20	20	20	20	20	20	20
Room size X Y		Viewing direction at right angles to lamp axis					Viewing direction parallel to lamp axis				
2H	2H	20.3	21.6	20.6	21.9	22.1	22.4	23.7	22.7	24.0	24.2
	3H	21.7	23.0	22.1	23.3	23.5	24.0	25.4	24.5	25.7	25.9
	4H	22.3	23.5	22.7	23.8	24.1	24.7	26.0	25.1	26.3	26.5
	6H	22.7	23.8	23.0	24.1	24.5	25.3	26.4	25.6	26.7	27.1
	8H	22.8	23.9	23.2	24.2	24.6	25.5	26.5	25.8	26.8	27.3
	12H	22.9	23.9	23.3	24.3	24.7	25.6	26.6	25.9	26.9	27.4
4H	2H	21.4	22.6	21.8	22.9	23.2	22.9	24.2	23.3	24.5	24.7
	3H	23.0	24.1	23.4	24.4	24.9	24.9	26.0	25.3	26.3	26.8
	4H	23.6	24.6	24.1	25.0	25.5	25.7	26.6	26.1	27.0	27.6
	6H	24.1	25.0	24.6	25.4	25.7	26.3	27.2	26.8	27.6	28.0
	8H	24.2	25.1	24.7	25.4	25.8	26.5	27.4	27.0	27.7	28.1
	12H	24.3	25.0	24.8	25.5	25.9	26.7	27.4	27.2	27.8	28.3
8H	4H	24.1	25.0	24.6	25.3	25.7	25.9	26.7	26.4	27.1	27.5
	6H	24.8	25.4	25.3	25.9	26.4	26.7	27.4	27.2	27.8	28.4
	8H	25.0	25.6	25.5	26.1	26.7	27.1	27.6	27.6	28.1	28.8
	12H	25.2	25.6	25.7	26.1	26.8	27.3	27.8	27.9	28.3	28.9
12H	4H	24.2	24.9	24.7	25.3	25.8	25.9	26.6	26.4	27.0	27.5
	6H	24.9	25.5	25.4	26.0	26.6	26.8	27.4	27.3	27.9	28.5
	8H	25.2	25.7	25.8	26.2	26.8	27.1	27.6	27.7	28.1	28.7
Variation of the observer position for the luminaire distance S											
S = 1.0H		0.1 / -0.1					0.1 / -0.1				
S = 1.5H		0.2 / -0.3					0.1 / -0.2				
S = 2.0H		0.4 / -0.6					0.4 / -0.4				
CIE 117-1995. Corrected glare indices referring to 2972 lm total luminous flux											