

EDGESlot Batwing 65°

ESL4

Light efficiency:

107 Lumen/Watt**Output: 3965 lm**

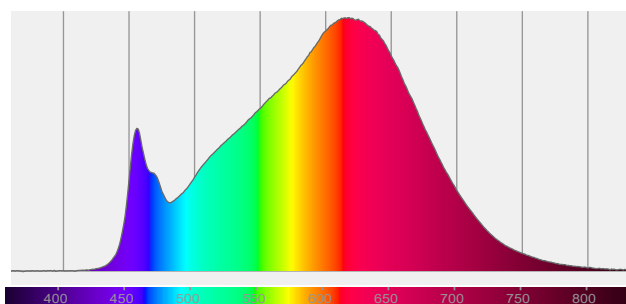
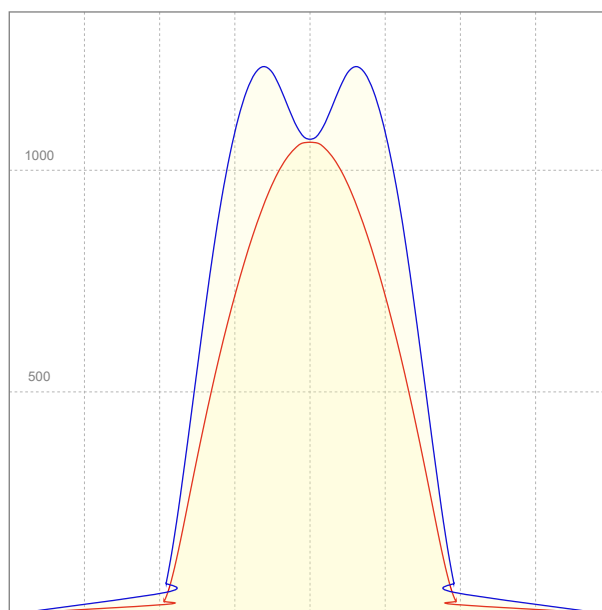
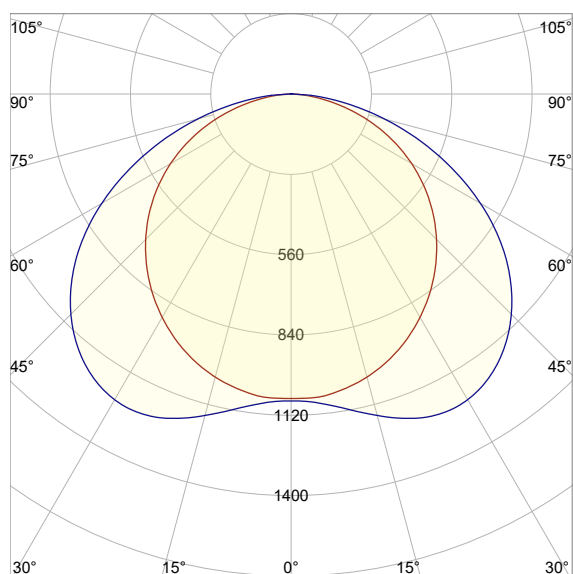
Light quality:

CRI: 92.3**Peak: 1234 cd**

Color temperature:

2976 K**Power: 37.1 W****PF: 1.0**

No photo



Product name:

EDGESlot Batwing 65°

Item number:

ESL4

Configuration:

ESL4-4FT-3590-AL-DB65-1000LPF

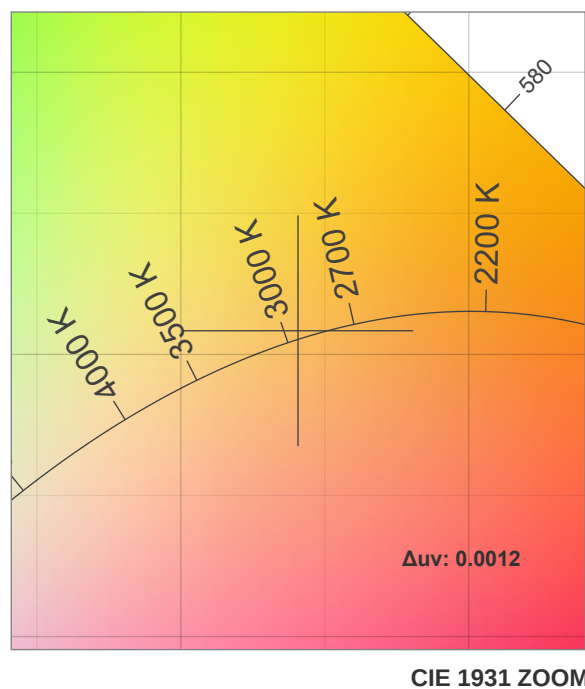
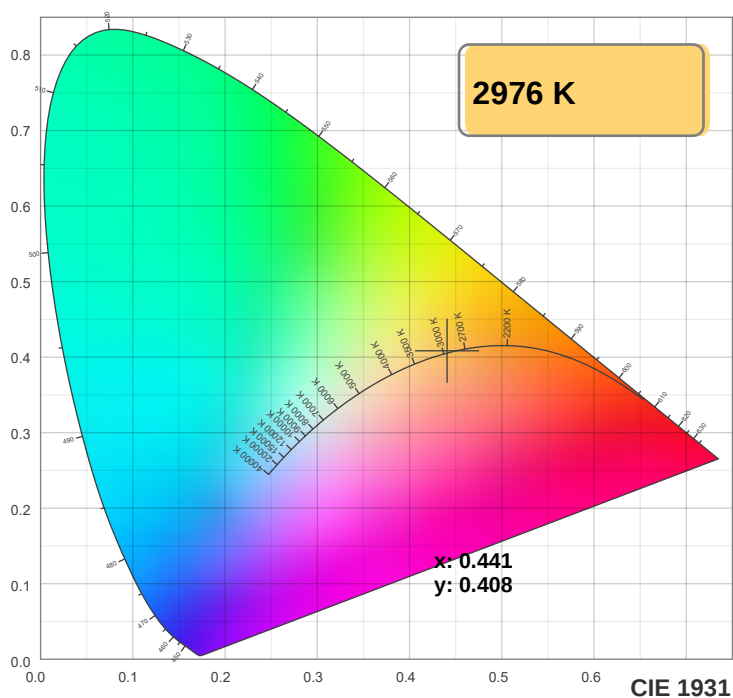
Date and time:

11/8/2021 3:13:34 PM

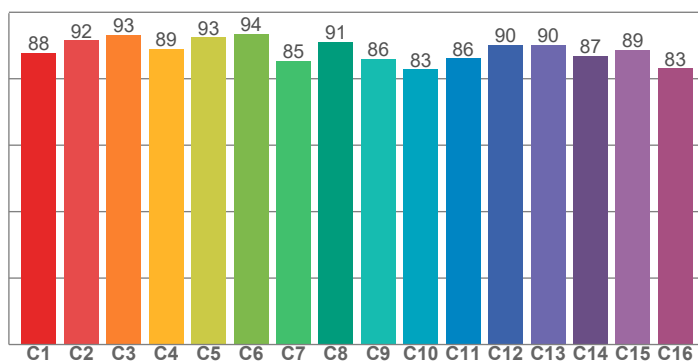
Description:

Power Supply @ 1150mA

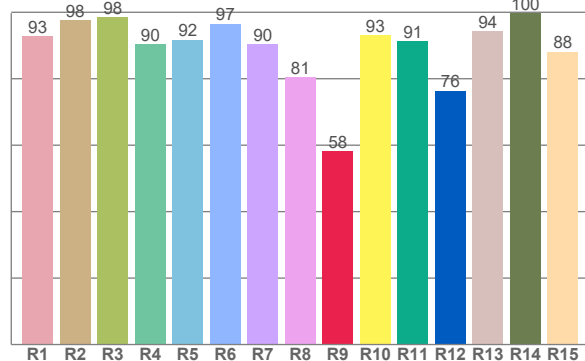
Color Details



TM-30: 88.6



CRI: 92.3 (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
92.8	97.6	98.5	90.4	91.8	96.5	90.4	80.5	58.1	93.1	91.2	76.4	94.3	99.8	88.1

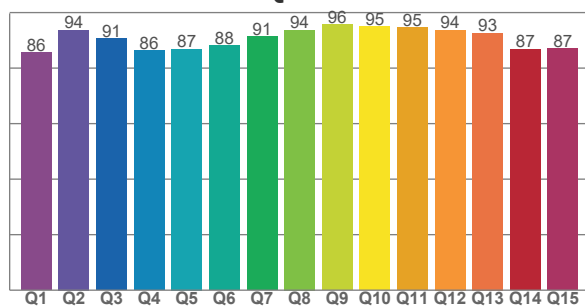
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
87.7	91.6	93.2	89.1	92.5	93.5	85.5	91.1	86.0	82.8	86.1	90.1	90.3	86.8	88.7	83.1

CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
85.6	93.8	90.6	86.3	86.9	88.1	91.4	93.8	95.6	95.0	94.6	93.7	92.7	86.8	87.1

CQS: 90.0



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
2976 K	92.3	58.1	88.6	95.1	90.0	0.441	0.408	0.251	0.349	0.0012

TM-30 Details

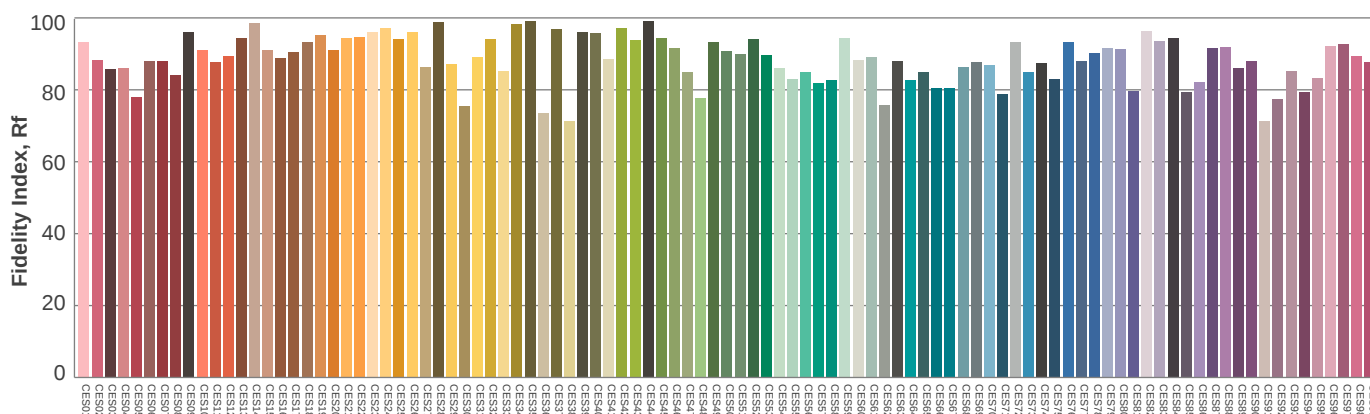
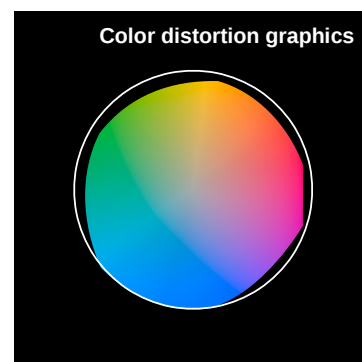
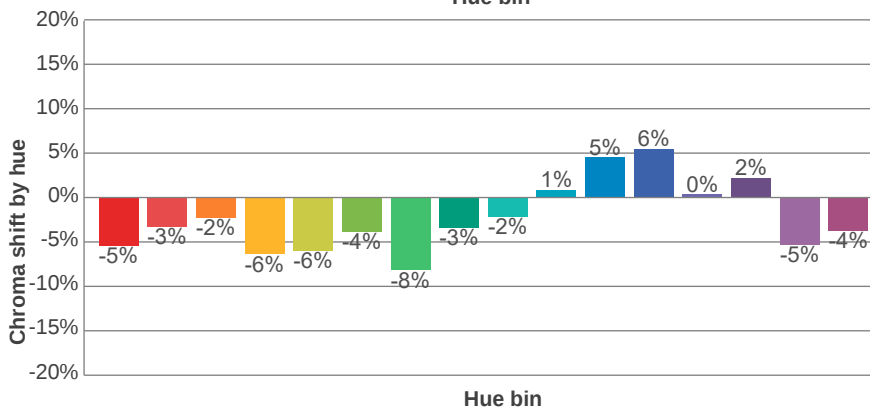
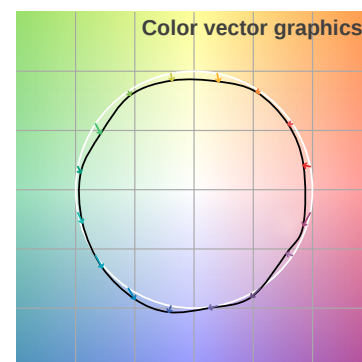
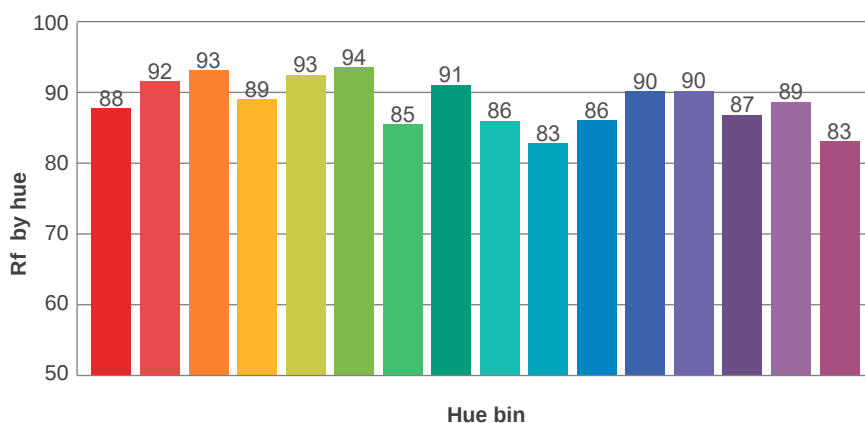
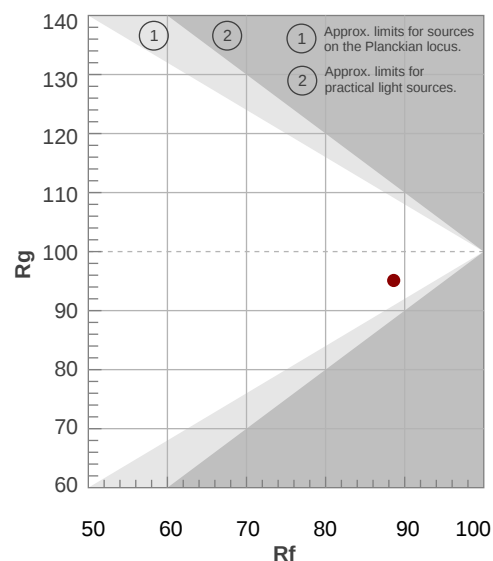
Rf 88.6

Fidelity index Rf

Rg 95.1

Gamut index Rg

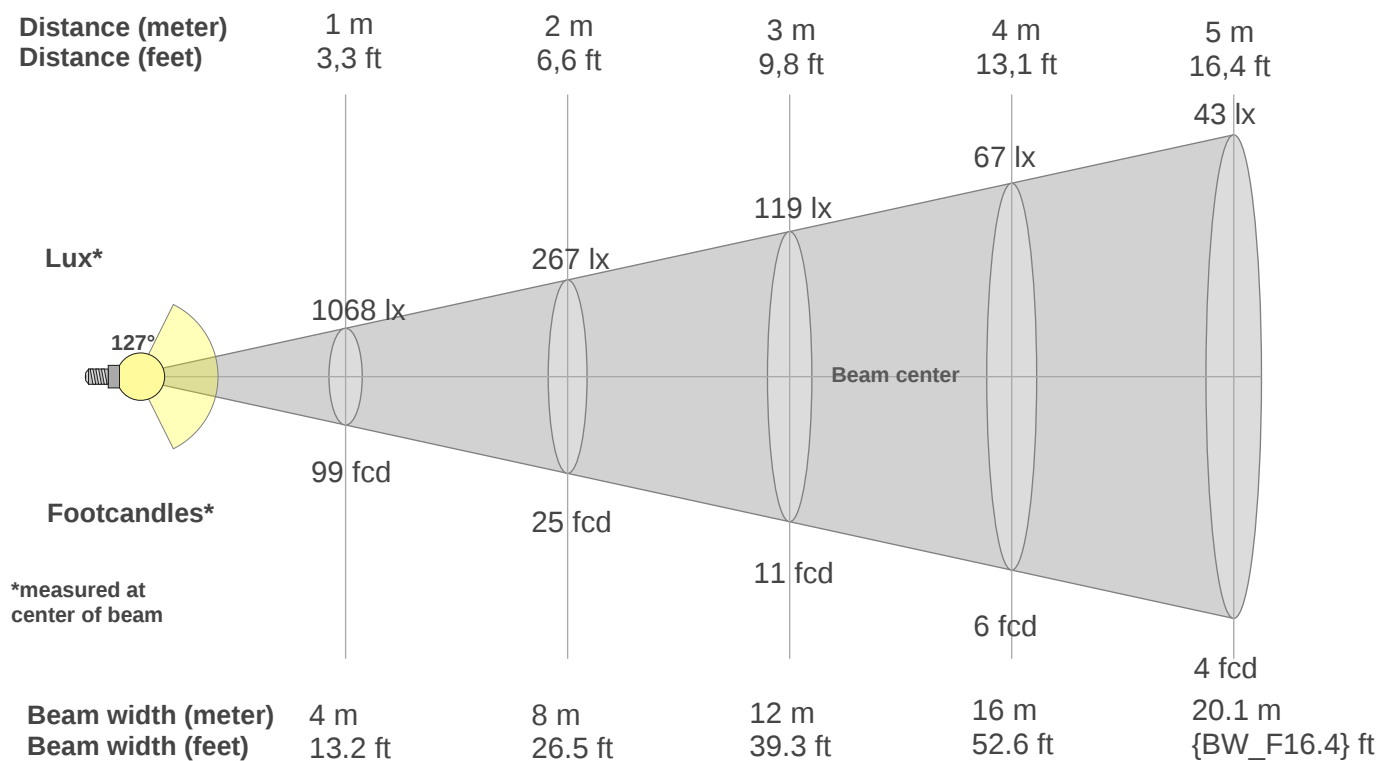
Hue Bin	R _f	Shifts (%)	
		Chroma	Hue
1	88	-5%	2%
2	92	-3%	2%
3	93	-2%	2%
4	89	-6%	-3%
5	93	-6%	0%
6	94	-4%	0%
7	85	-8%	4%
8	91	-3%	5%
9	86	-2%	9%
10	83	1%	11%
11	86	5%	10%
12	90	6%	-1%
13	90	0%	-7%
14	87	2%	-10%
15	89	-5%	-1%
16	83	-4%	-12%



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Beam details



Beam intensities from 1-20m

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
1068lx	267lx	119lx	67lx	43lx	30lx	22lx	17lx	13lx	11lx	9lx	7lx	6lx	5lx	5lx	4lx	4lx	3lx	3lx	3lx
99.2fcd	24.8fcd	11fcd	6.2fcd	4fcd	2.8fcd	2fcd	1.6fcd	1.2fcd	1fcd	0.8fcd	0.7fcd	0.6fcd	0.5fcd	0.4fcd	0.4fcd	0.3fcd	0.3fcd	0.3fcd	0.2fcd

Intensities in 0° c-plane

0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°	55°	60°	65°	70°	75°	80°	85°	90°	95°
1068	1059	1045	1021	988	947	898	844	783	717	645	568	485	397	305	211	121	49	20	18
100%	99%	98%	96%	93%	89%	84%	79%	73%	67%	60%	53%	45%	37%	29%	20%	11%	5%	2%	2%

Intensities in 90° c-plane

0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°	55°	60°	65°	70°	75°	80°	85°	90°	95°
1068	1084	1116	1160	1201	1227	1227	1202	1153	1083	994	886	761	623	480	338	203	89	46	43
100%	101%	105%	109%	113%	115%	115%	113%	108%	101%	93%	83%	71%	58%	45%	32%	19%	8%	4%	4%

Intensities in 180° c-plane

0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°	55°	60°	65°	70°	75°	80°	85°	90°	95°
1068	1059	1045	1021	988	947	898	844	783	717	645	568	485	397	305	211	121	49	20	18
100%	99%	98%	96%	93%	89%	84%	79%	73%	67%	60%	53%	45%	37%	29%	20%	11%	5%	2%	2%

Intensities in 270° c-plane

0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°	55°	60°	65°	70°	75°	80°	85°	90°	95°
1068	1084	1116	1160	1201	1227	1227	1202	1153	1083	994	886	761	623	480	338	203	89	46	43
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	20.1	21.4	20.3	21.7	21.9	22.2	23.5	22.5	23.8	24.0
	3H	21.5	22.8	21.9	23.1	23.3	23.8	25.2	24.3	25.5	25.7
	4H	22.1	23.3	22.5	23.6	23.9	24.5	25.8	24.9	26.1	26.3
	6H	22.5	23.6	22.8	23.9	24.3	25.1	26.2	25.4	26.5	26.9
	8H	22.6	23.7	23.0	24.0	24.4	25.3	26.3	25.6	26.6	27.1
	12H	22.7	23.7	23.0	24.1	24.5	25.4	26.4	25.7	26.7	27.2
4H	2H	21.2	22.4	21.6	22.7	23.0	22.7	24.0	23.1	24.3	24.5
	3H	22.8	23.9	23.2	24.2	24.7	24.7	25.8	25.1	26.1	26.6
	4H	23.4	24.4	23.9	24.8	25.3	25.5	26.4	25.9	26.8	27.4
	6H	23.9	24.8	24.4	25.2	25.5	26.1	27.0	26.6	27.4	27.8
	8H	24.0	24.9	24.5	25.2	25.6	26.3	27.2	26.8	27.5	27.9
	12H	24.1	24.8	24.6	25.2	25.7	26.5	27.2	27.0	27.6	28.1
8H	4H	23.9	24.8	24.4	25.1	25.5	25.7	26.5	26.2	26.9	27.3
	6H	24.6	25.2	25.1	25.7	26.2	26.5	27.2	27.0	27.6	28.2
	8H	24.8	25.4	25.3	25.9	26.5	26.9	27.4	27.4	27.9	28.6
	12H	25.0	25.4	25.5	25.9	26.6	27.1	27.6	27.7	28.1	28.7
12H	4H	24.0	24.7	24.5	25.1	25.6	25.7	26.4	26.2	26.8	27.3
	6H	24.7	25.3	25.2	25.8	26.4	26.6	27.2	27.1	27.7	28.3
	8H	25.0	25.5	25.6	26.0	26.6	26.9	27.4	27.5	27.9	28.5
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 3965 lm total luminous flux											