

Light efficiency:

115 Lumen/Watt

Output: 1444 lm

Light quality:

CRI: 82.7

Peak: 509 cd

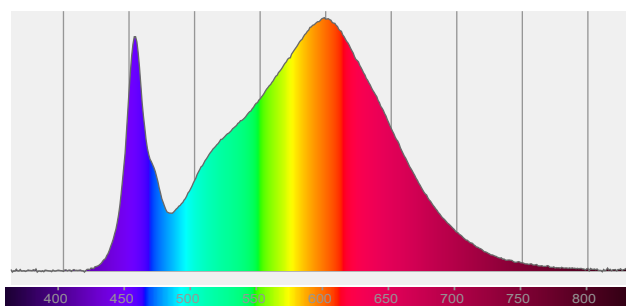
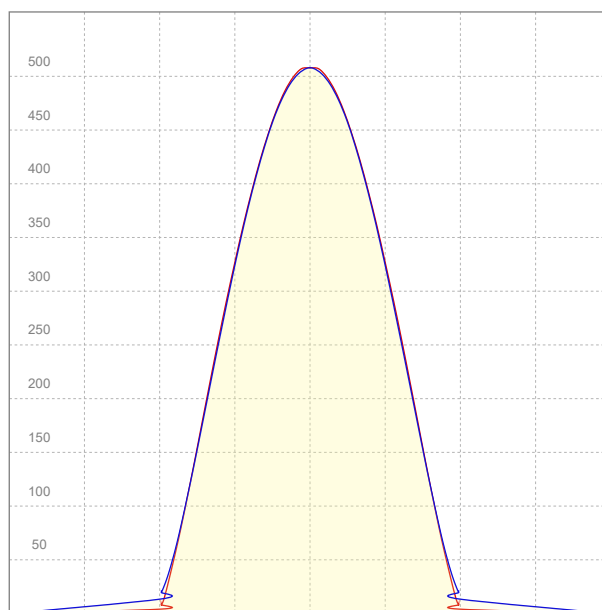
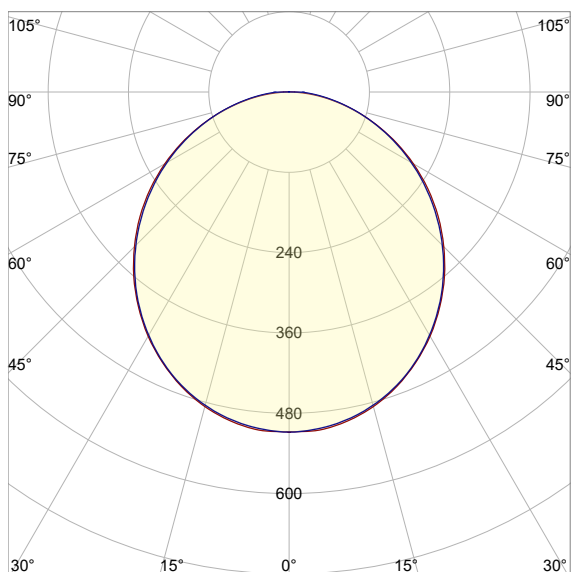
Color temperature:

3383 K

Power: 12.5 W

PF: 1.0

No photo



Product name:

EDGESolo Wide 110°

Item number:

ESO275

Configuration:

ESO275-4FT-3580-AL-DW110-350LPF

Date and time:

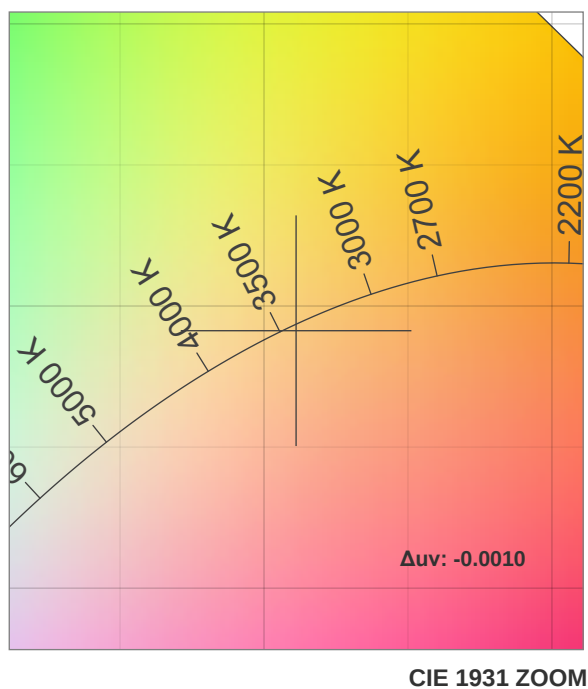
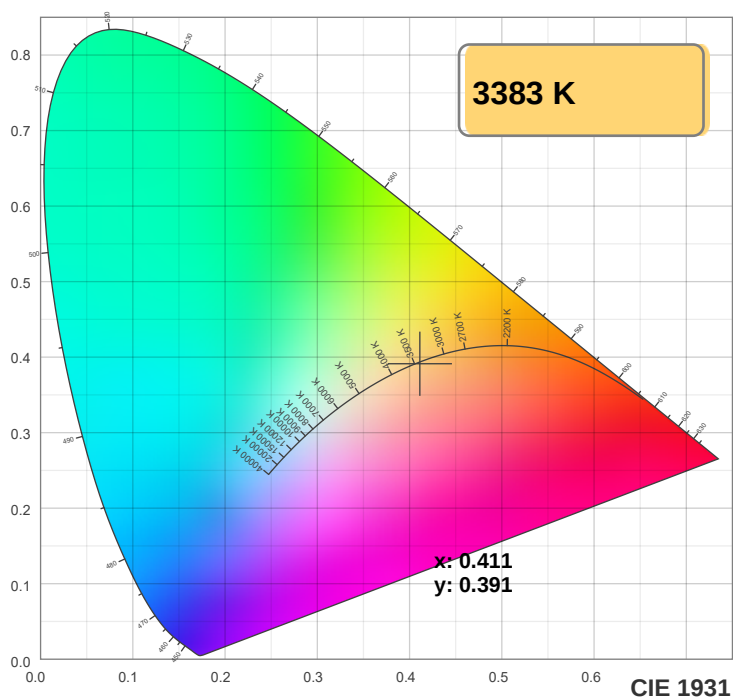
8/11/2021 12:31:07 PM

Description:

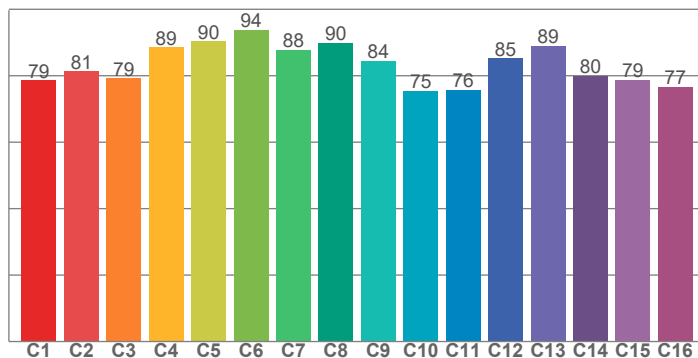
Power Supply @ 400 mA

7070, 400A Diffuser Film with Batwing Lens

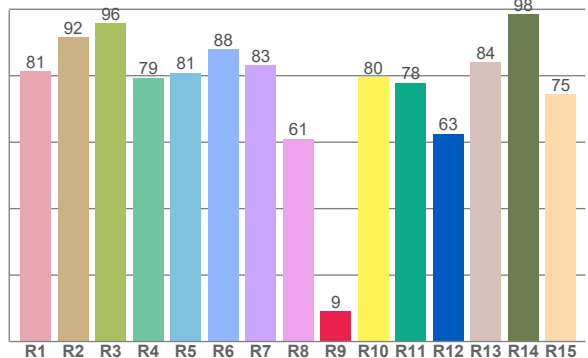
Color Details



TM-30: 83.1



CRI: 82.7 (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
81.4	91.6	95.8	79.4	80.9	88.0	83.2	61.1	9.2	79.6	77.8	62.6	84.2	98.5	74.5

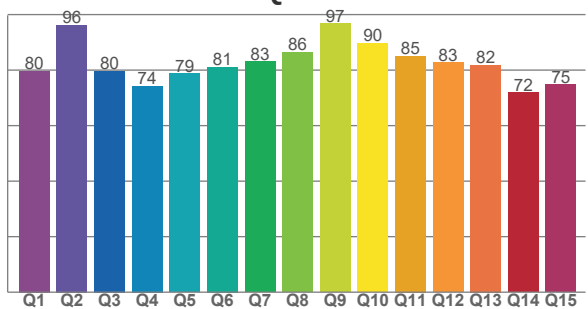
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
78.7	81.4	79.2	88.5	90.3	93.8	87.7	89.8	84.4	75.4	75.7	85.2	89.1	80.0	78.8	76.7

CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
79.7	96.3	79.7	74.3	78.8	81.2	83.1	86.4	96.8	89.7	85.1	82.6	81.9	71.9	74.8

CQS: 81.4



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
3383 K	82.7	9.2	83.1	94.4	81.4	0.411	0.391	0.239	0.342	-0.0010

TM-30 Details

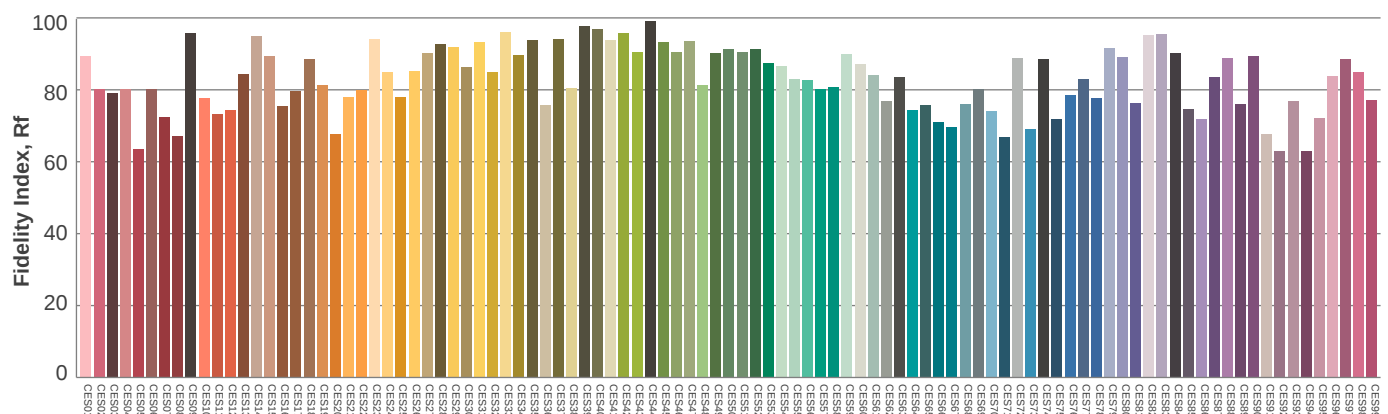
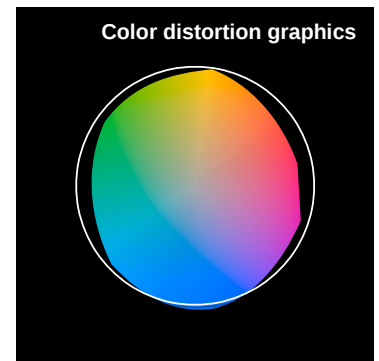
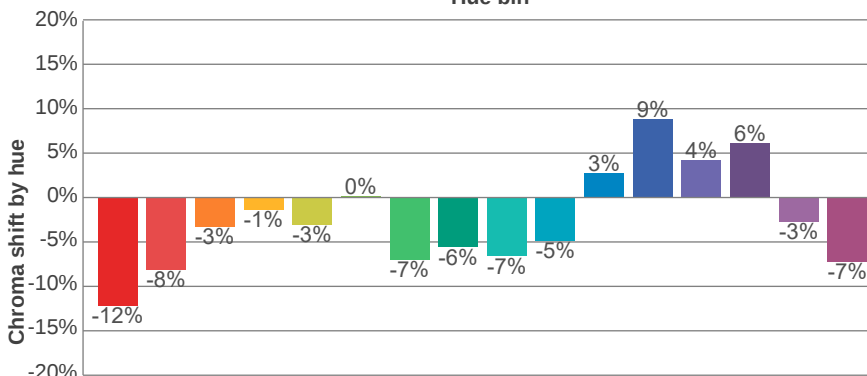
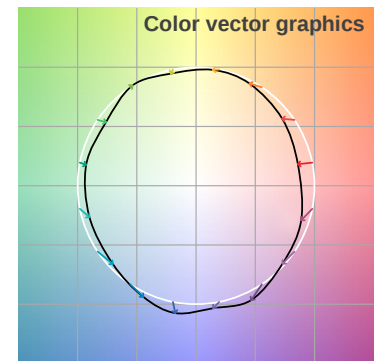
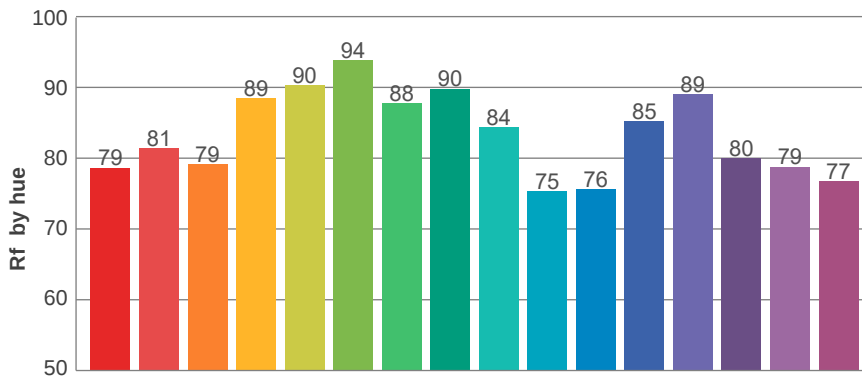
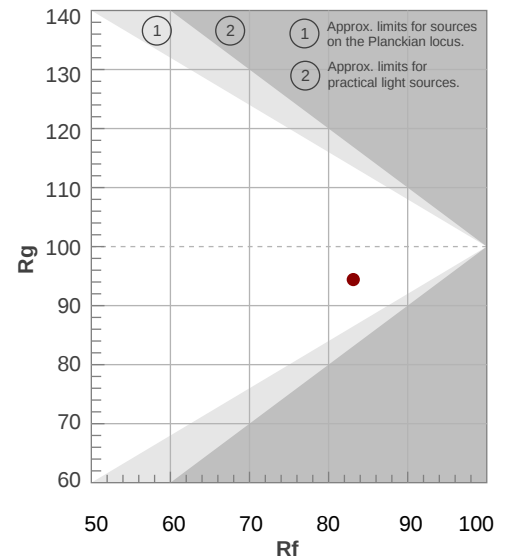
Rf 83.1

Fidelity index Rf

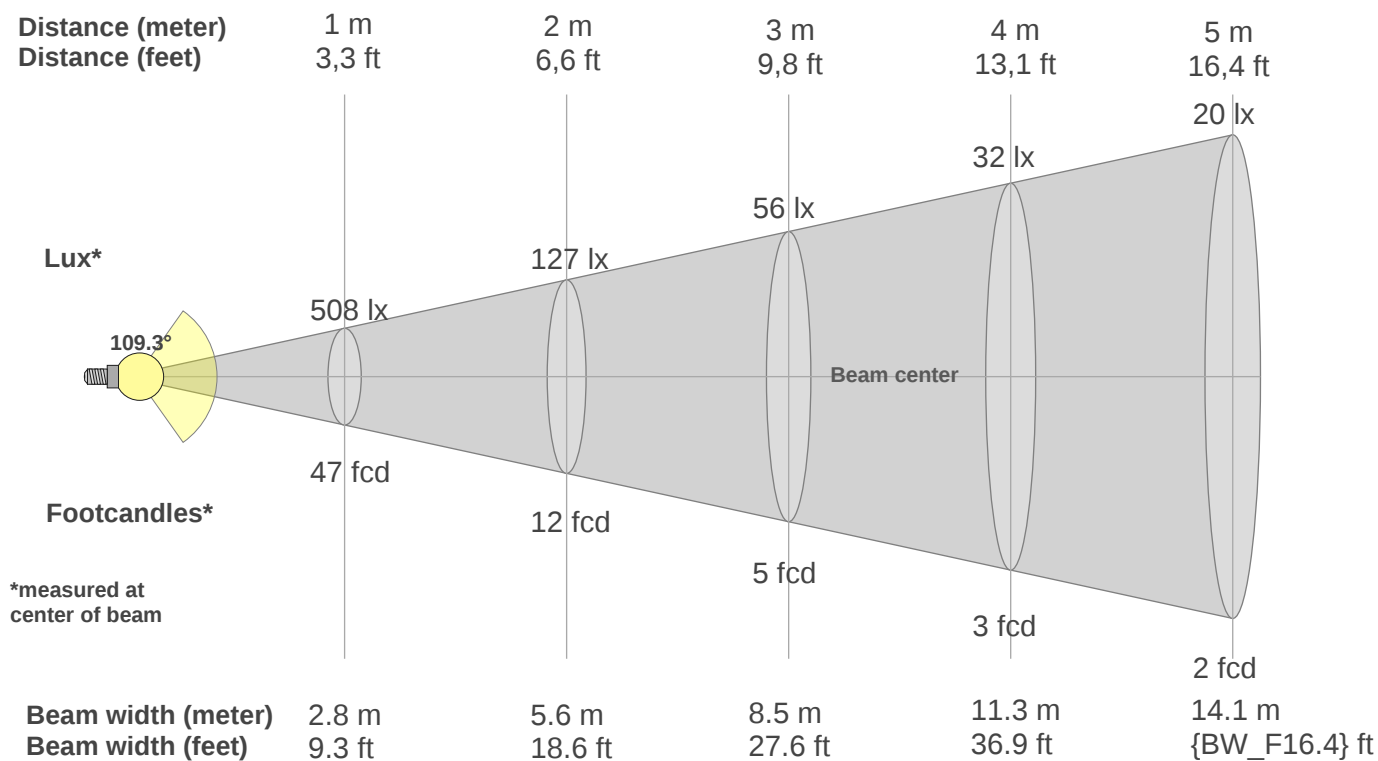
Rg 94.4

Gamut index Rg

Hue Bin	R_f	Shifts (%)	
		Chroma	Hue
1	79	-12%	1%
2	81	-8%	7%
3	79	-3%	10%
4	89	-1%	5%
5	90	-3%	2%
6	94	0%	-2%
7	88	-7%	-2%
8	90	-6%	1%
9	84	-7%	9%
10	75	-5%	16%
11	76	3%	15%
12	85	9%	4%
13	89	4%	-6%
14	80	6%	-15%
15	79	-3%	-14%
16	77	-7%	-11%



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
508lx	127lx	56lx	32lx	20lx	14lx	10lx	8lx	6lx	5lx	4lx	4lx	3lx	3lx	2lx	2lx	2lx	2lx	1lx	1lx
47.2fcd	11.8fcd	5.2fcd	2.9fcd	1.9fcd	1.3fcd	1fcd	0.7fcd	0.6fcd	0.5fcd	0.4fcd	0.3fcd	0.3fcd	0.2fcd	0.2fcd	0.2fcd	0.2fcd	0.1fcd	0.1fcd	0.1fcd

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°
508	507	499	486	469	446	421	392	361	327	291	253	214	174	135	96	60	28	4	4
100%	100%	98%	96%	92%	88%	83%	77%	71%	64%	57%	50%	42%	34%	27%	19%	12%	5%	1%	1%

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°
508	504	496	484	467	445	419	390	358	323	287	249	211	172	134	97	63	36	13	13
100%	99%	98%	95%	92%	88%	83%	77%	71%	64%	57%	49%	41%	34%	26%	19%	12%	7%	3%	2%

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°
508	507	499	486	469	446	421	392	361	327	291	253	214	174	135	96	60	28	4	4
100%	100%	98%	96%	92%	88%	83%	77%	71%	64%	57%	50%	42%	34%	27%	19%	12%	5%	1%	1%

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°
508	504	496	484	467	445	419	390	358	323	287	249	211	172	134	97	63	36	13	13
100%	99%	98%	95%	92%	88%	83%	77%	71%	64%	57%	49%	41%	34%	26%	19%	12%	7%	3%	2%

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				
n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Variation of the observer position for the luminaire distance S										
n/a	n/a					n/a				
n/a	n/a					n/a				
n/a	n/a					n/a				
CIE 117-1995. Corrected glare indices referring to 1444 lm total luminous flux										