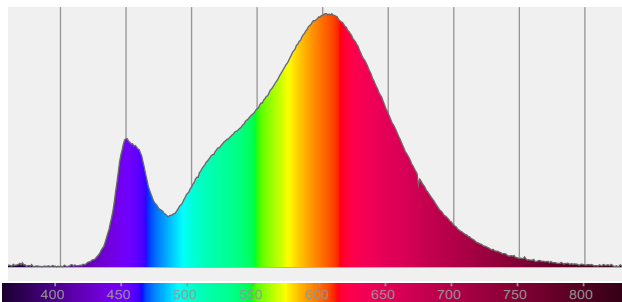
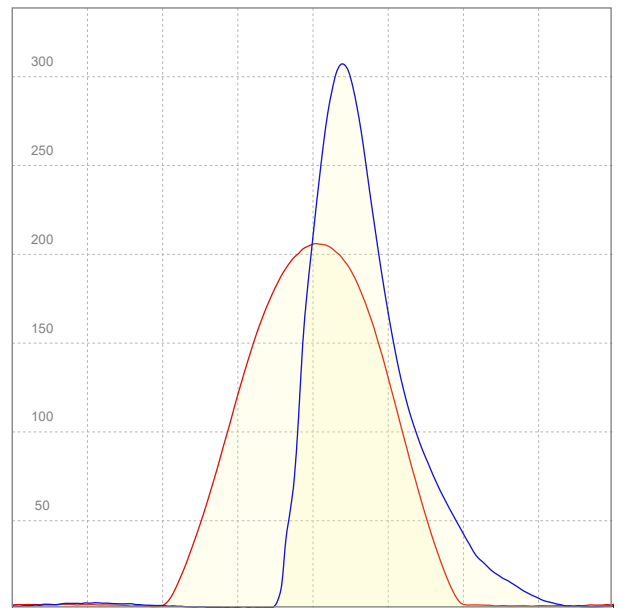
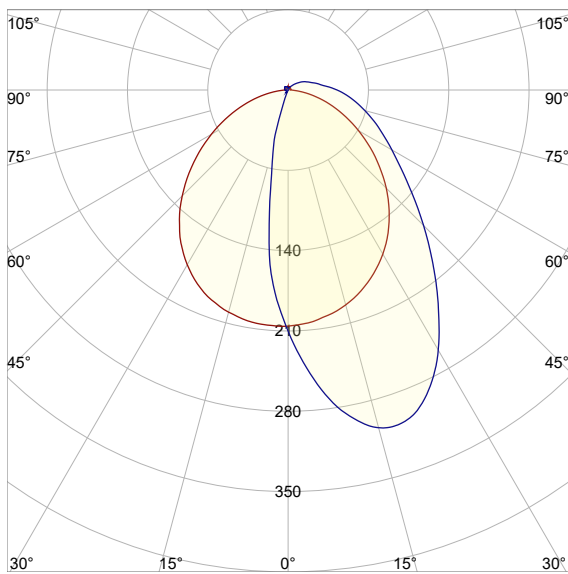
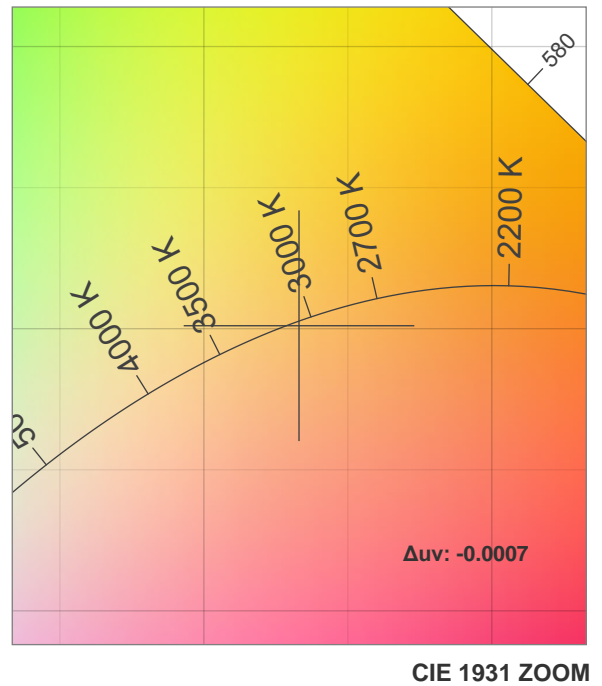
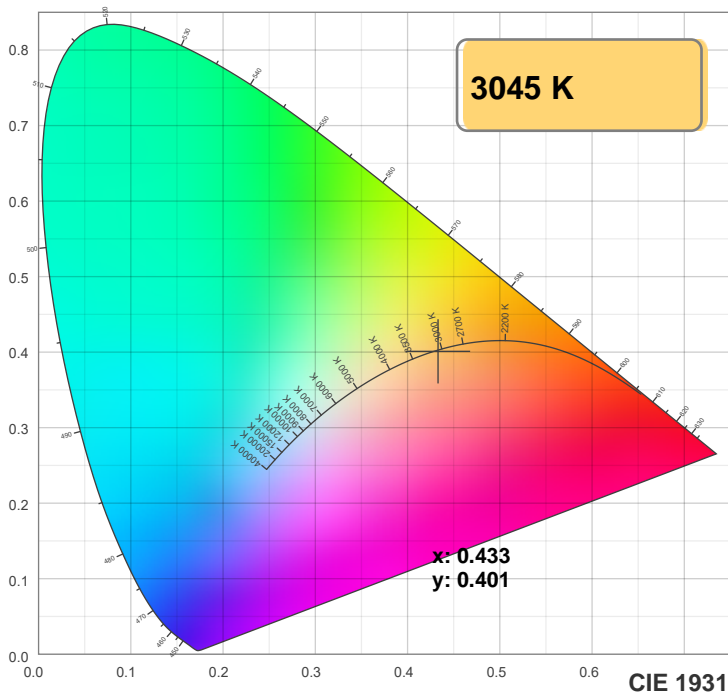
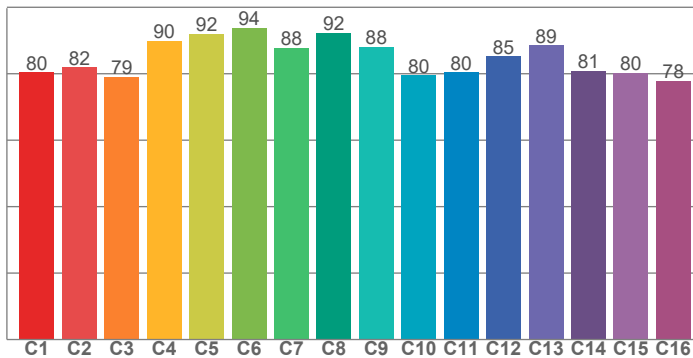


**MICROWedge Asymmetric 40° at 15°****MWE140****Light efficiency:****139 Lumen/Watt****Output: 490 lm****Light quality:****CRI: 83.3****Peak: 308 cd****Color temperature:****3045 K****Power: 3.5 W****PF: 1.0****Product name:****MICROWedge Asymmetric 40° at 15°****Item number:****MWE140****Configuration:****MWE140-1FT-3080-WT-A4015-500LPF****Date and time:****3/22/2021 2:21:58 PM****Description:****MicroLine Cove 140 1ft****FOM01-0331****DC Power**

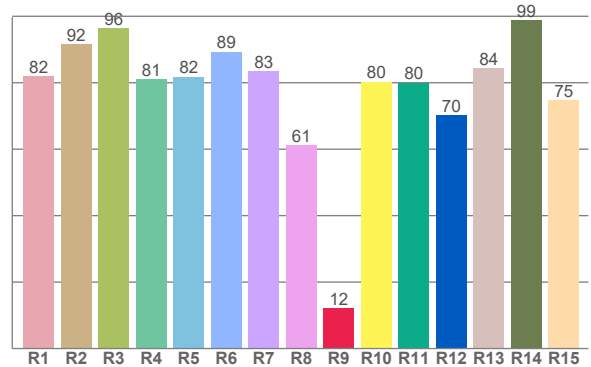
## Color Details



TM-30: 84.9



CRI: 83.3 (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
82.0	91.6	96.5	81.0	81.8	89.4	83.4	61.2	12.1	80.3	80.0	70.1	84.4	98.8	74.7

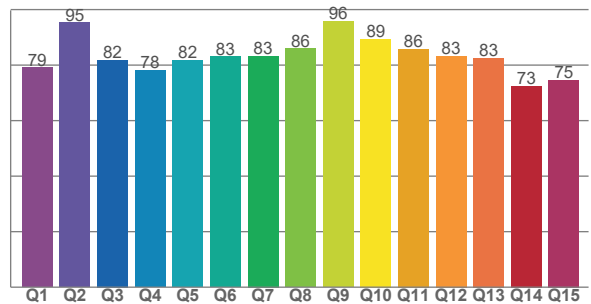
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
80.5	82.0	79.1	89.9	91.9	93.8	87.8	92.3	88.1	79.5	80.4	85.2	88.6	80.8	80.2	77.8

CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
79.1	95.2	81.9	78.1	81.7	83.1	83.3	85.9	95.8	89.4	85.8	83.3	82.5	72.5	74.7

CQS: 82.2



## 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
3045 K	83.3	12.1	84.9	95.8	82.2	0.433	0.401	0.249	0.346	-0.0007

## TM-30 Details

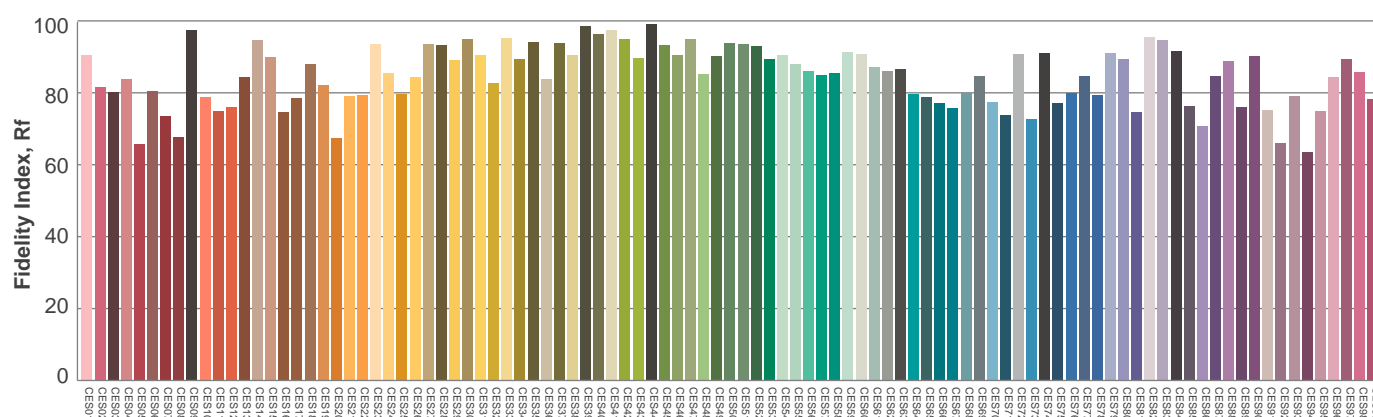
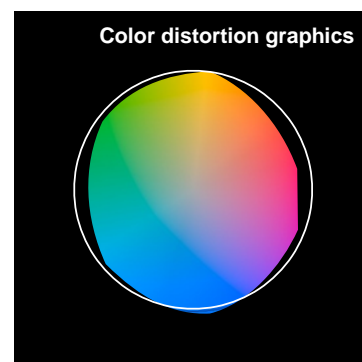
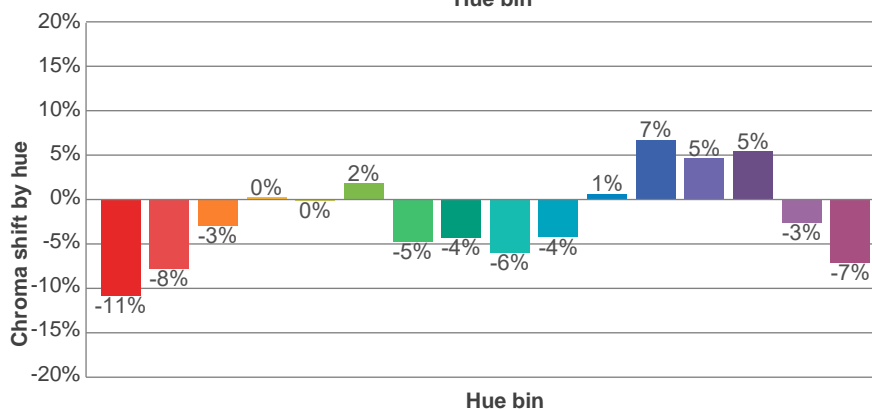
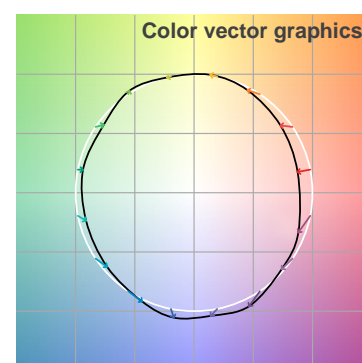
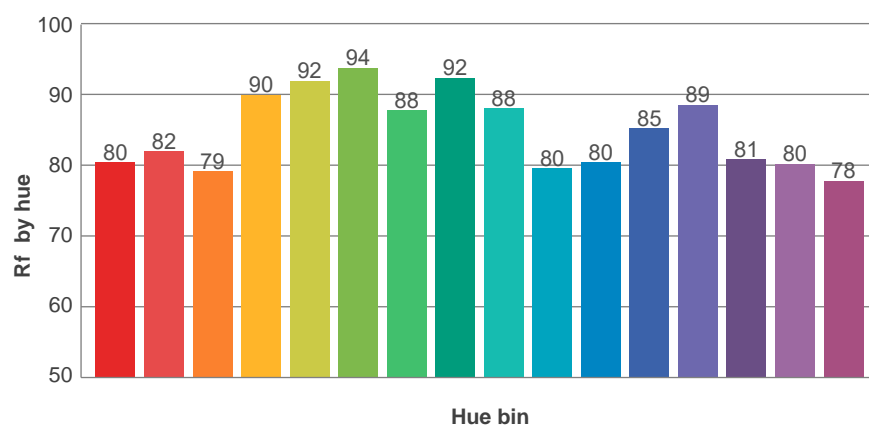
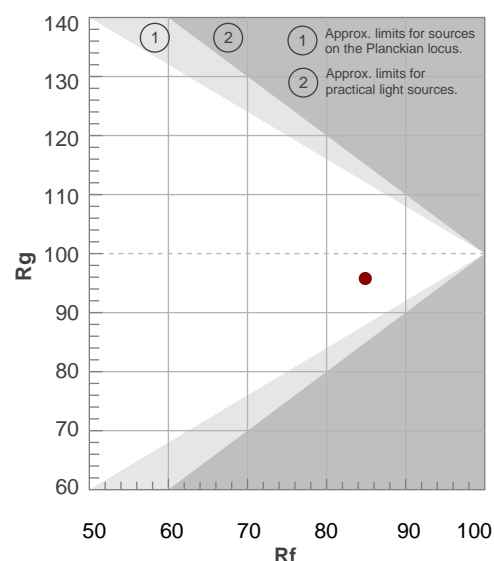
**Rf 84.9**

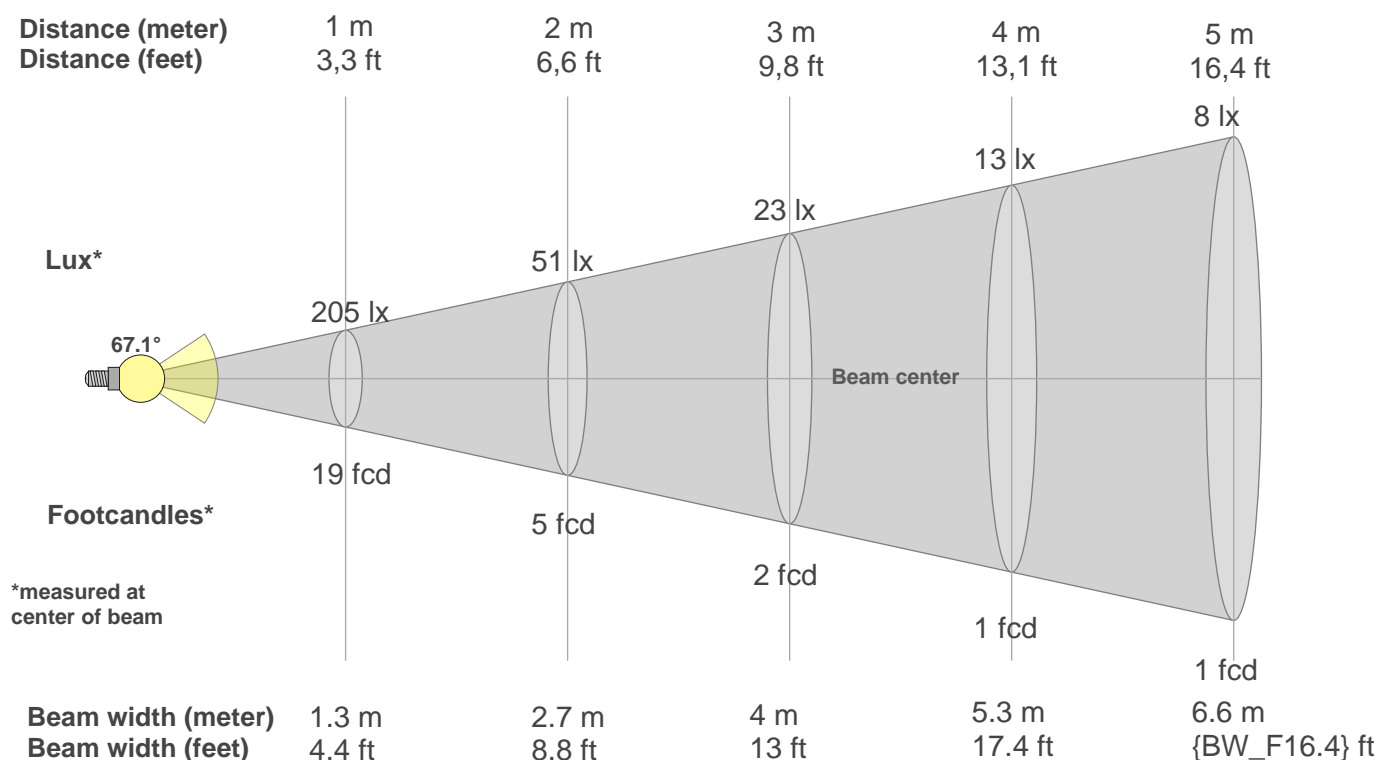
Fidelity index Rf

**Rg 95.8**

Gamut index Rg

Hue Bin	R <sub>f</sub>	Shifts (%)	
		Chroma	Hue
1	80	-11%	0%
2	82	-8%	7%
3	79	-3%	11%
4	90	0%	6%
5	92	0%	3%
6	94	2%	-2%
7	88	-5%	-5%
8	92	-4%	-1%
9	88	-6%	5%
10	80	-4%	11%
11	80	1%	14%
12	85	7%	4%
13	89	5%	-6%
14	81	5%	-15%
15	80	-3%	-13%
16	78	-7%	-16%



**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
205lx	51lx	23lx	13lx	8lx	6lx	4lx	3lx	3lx	2lx	2lx	1lx	1lx	1lx	1lx	1lx	1lx	1lx	1lx	1lx
19.1fcd	4.8fcd	2.1fcd	1.2fcd	0.8fcd	0.5fcd	0.4fcd	0.3fcd	0.2fcd	0.2fcd	0.2fcd	0.1fcd	0.1fcd	0.1fcd	0.1fcd	0.1fcd	0.1fcd	0.1fcd	0.1fcd	0fcd

**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°
205	204	199	194	186	176	165	152	137	121	104	87	71	55	41	28	17	7	2	2
100%	99%	97%	94%	91%	86%	80%	74%	67%	59%	51%	42%	34%	27%	20%	14%	8%	3%	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°
205	252	285	304	305	289	261	228	196	167	142	121	105	91	80	69	60	51	43	34
100%	123%	139%	148%	148%	141%	127%	111%	95%	81%	69%	59%	51%	44%	39%	34%	29%	25%	21%	17%

**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°
205	206	204	200	195	187	176	163	147	130	113	95	77	61	45	31	18	8	3	3
100%	100%	99%	97%	95%	91%	86%	79%	72%	63%	55%	46%	38%	29%	22%	15%	9%	4%	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°
205	162	90	47	9	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2
100%	79%	44%	23%	5%	1%	0%	0%	0%	0%	0%	1%	1%	1%	1%	1%	1%	1%	1%	1%

**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 490 lm total luminous flux										