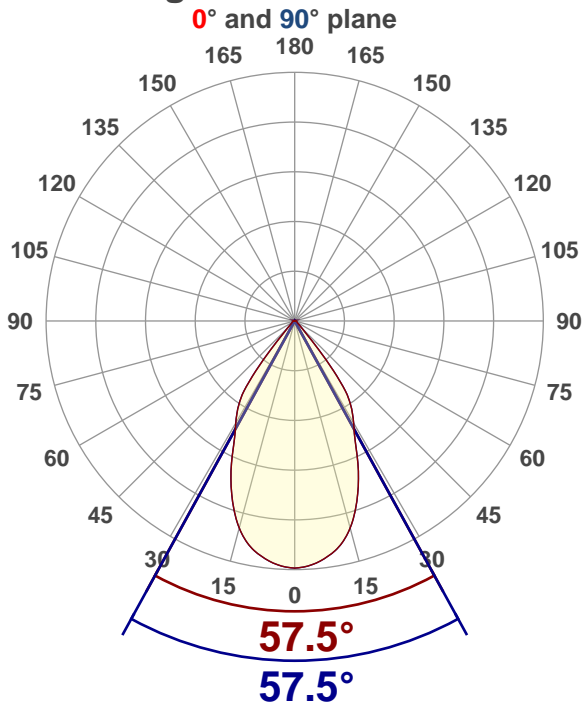


**Light efficiency:****70 Lumen/Watt****Color temperature:****2987 K****Light quality:****CRI:92.0, R<sub>g</sub>:90.4, R<sub>f</sub>:99.4****P: 2 / V: - / F: 2****Output: 2782 lm****Peak: 3068 cd****Power: 39.6 W****Voltage: 120 V****Current: 0.330 A****PF: 0.9****THD: n/a %****Angular Distribution****Product name:****S4RGWS-E30WC-xx1-xxx****Test Date:****2021-06-22****Beam Angle (50% of the brightness of the centre):****57.5°****Field Angle (10% of the brightness of the centre):****82.6°****Cut Off Angle (2.5% of the brightness of the centre):****97.6°****Beam Details***\*measured at centre of beam*

Mounting Height (feet)/(meter)	Lux*	Footcandles*	Beam width (feet) / (meter)
4 ft / 1.2 m	2064 lx	192 fc	4.4 ft / 1.3 m
8 ft / 2.4 m	516 lx	48 fc	8.8 ft / 2.7 m
12 ft / 3.7 m	229 lx	21 fc	13.2 ft / 4 m
16 ft / 4.9 m	129 lx	12 fc	17.6 ft / 5.4 m
20 ft / 6.1 m	83 lx	8 fc	21.9 ft / 6.7 m

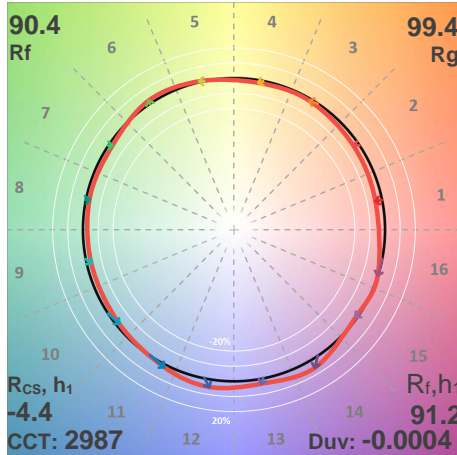
Beam center



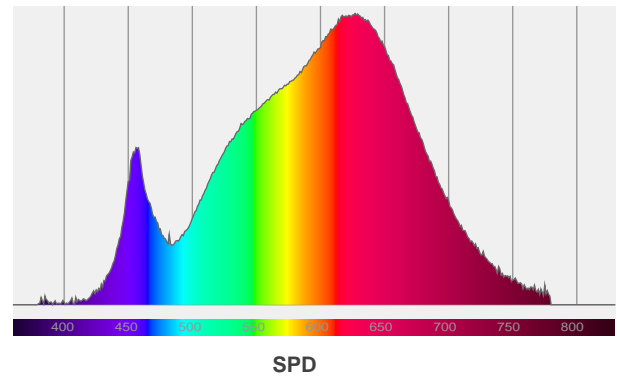
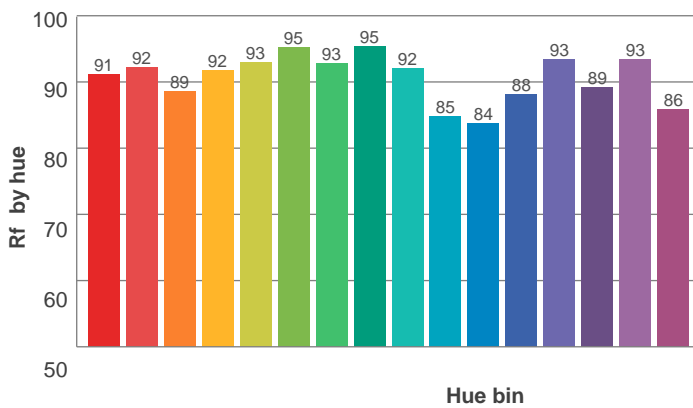
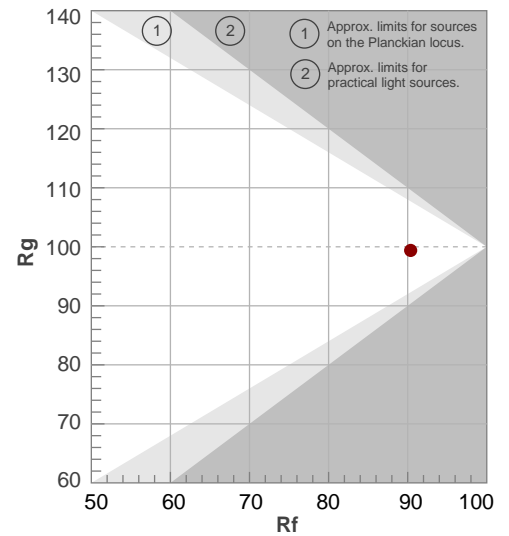
## Photometric Testing Report

ANSI/IES TM-30-18

P: 2 / V: - / F: 2



Hue Bin	R <sub>f</sub>	Shifts (%)	
		Chroma	Hue
1	91	-4%	0%
2	92	-3%	3%
3	89	-1%	6%
4	92	-2%	3%
5	93	1%	3%
6	95	2%	0%
7	93	-2%	-2%
8	95	-3%	-1%
9	92	-3%	4%
10	85	-2%	10%
11	84	1%	12%
12	88	5%	4%
13	93	4%	-2%
14	89	6%	-6%
15	93	-1%	-3%
16	86	-1%	-11%



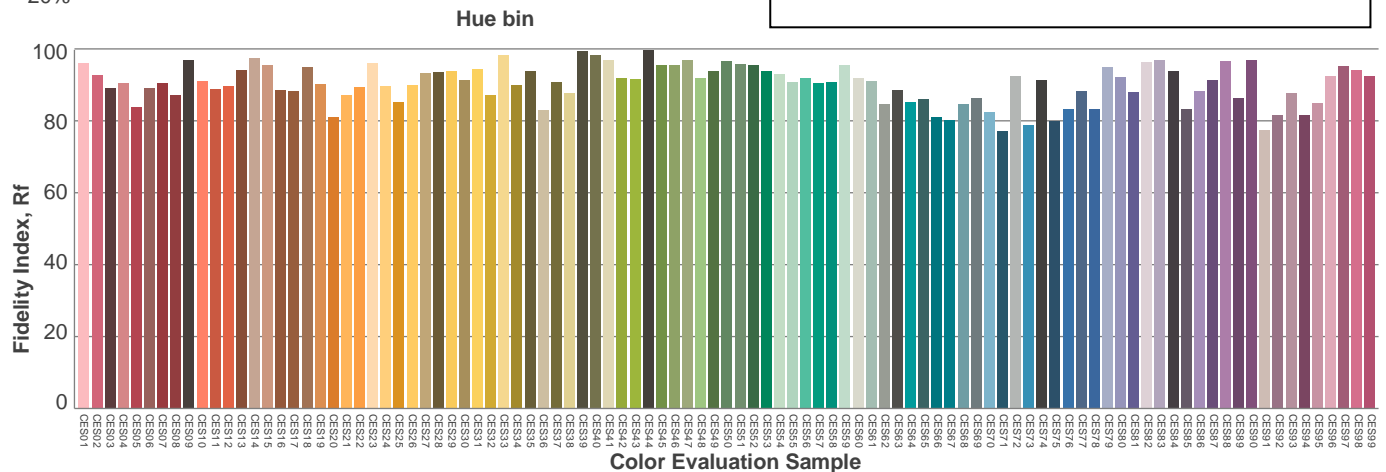
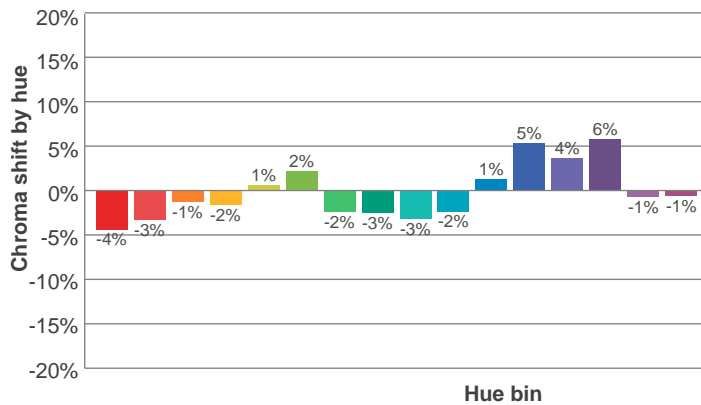
Red: 39.9%, Power=31.1mW

Blue: 8.6%, Power=16.8mW

Green: 23.8%, Power=34.7mW

UVA: 0.1%, Power=0.0mW

Dominant Wavelength: 584nm

1<sup>st</sup> Peak Wavelength: 627nm2<sup>nd</sup> Peak Wavelength: 456nm

## 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	22.2	22.9	22.3	23.1	23.3	22.2	22.9	22.3	23.1	23.3
	3H	22.1	22.9	22.5	23.1	23.3	22.1	22.9	22.5	23.1	23.3
	4H	22.2	22.9	22.6	23.2	23.5	22.2	22.9	22.6	23.2	23.5
	6H	22.3	22.9	22.6	23.2	23.6	22.3	22.9	22.6	23.2	23.6
	8H	22.3	22.9	22.6	23.2	23.6	22.3	22.9	22.6	23.2	23.6
	12H	22.3	22.9	22.6	23.2	23.7	22.3	22.9	22.6	23.2	23.7
4H	2H	21.9	22.7	22.3	22.9	23.2	21.9	22.7	22.3	22.9	23.2
	3H	22.1	22.7	22.5	23.1	23.5	22.1	22.7	22.5	23.1	23.5
	4H	22.2	22.8	22.6	23.2	23.7	22.2	22.8	22.6	23.2	23.7
	6H	22.3	22.9	22.8	23.2	23.6	22.3	22.9	22.8	23.2	23.6
	8H	22.3	22.8	22.8	23.2	23.6	22.3	22.8	22.8	23.2	23.6
	12H	22.3	22.7	22.8	23.2	23.6	22.3	22.7	22.8	23.2	23.6
8H	4H	22.2	22.7	22.7	23.1	23.4	22.2	22.7	22.7	23.1	23.4
	6H	22.4	22.7	22.9	23.2	23.7	22.4	22.7	22.9	23.2	23.7
	8H	22.5	22.7	23.0	23.3	23.9	22.5	22.7	23.0	23.3	23.9
	12H	22.5	22.7	23.1	23.3	23.9	22.5	22.7	23.1	23.3	23.9
12H	4H	22.1	22.5	22.6	23.0	23.4	22.1	22.5	22.6	23.0	23.4
	6H	22.4	22.7	22.9	23.2	23.8	22.4	22.7	22.9	23.2	23.8
	8H	22.4	22.7	23.0	23.2	23.8	22.4	22.7	23.0	23.2	23.8
Variation of the observer position for the luminaire distance S											
S = 1.0H		3.9 / -3.6					3.9 / -3.6				
S = 1.5H		6.4 / -3.8					6.4 / -3.8				
S = 2.0H		8.3 / -3.9					8.3 / -3.9				
Standard table		n/a					n/a				
Correction summand		n/a					n/a				
Corrected glare indices referring to 2782 lm total luminous flux											

Due to our continued efforts to improve our products, product specifications are subject to change without notice. Please refer to our website for the latest test results.