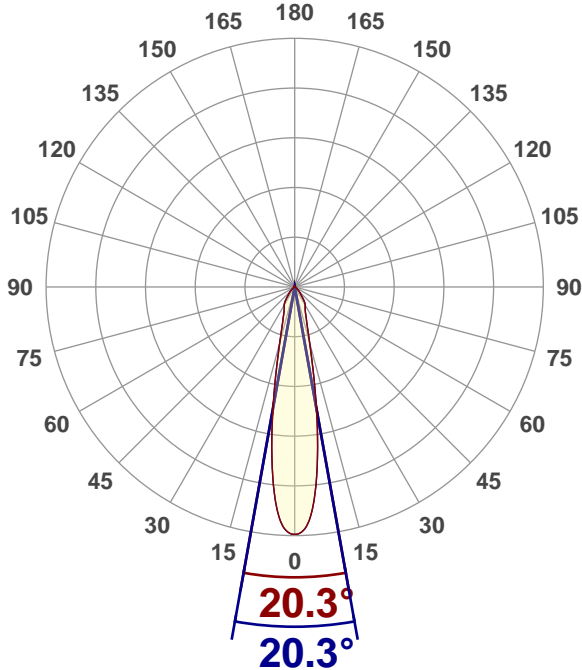


Light efficiency:**79 Lumen/Watt****Color temperature:****3474 K****Light quality:****CRI:93.9, R_g:91.0, R_f:100.9****P: 2 / V: - / F: 2****Output: 2285 lm****Peak: 8757 cd****Power: 29.0 W****Voltage: 120 V****Current: 0.242 A****PF: 0.9****THD: n/a %****Angular Distribution****0° and 90° plane****Product name:****S3RGWS-D35SC-xx1-xxx****Test Date:****2020-05-28****Beam Angle (50% of the brightness of the centre):****20.3°****Field Angle (10% of the brightness of the centre):****50.1°****Cut Off Angle (2.5% of the brightness of the centre):****89.8°****Beam Details*****measured at centre of beam**

Mounting Height (feet)/(meter)	Lux*	Footcandles*	Beam width (feet) / (meter)
4 ft / 1.2 m	5891 lx	547 fc	1.4 ft / 0.4 m
8 ft / 2.4 m	1473 lx	137 fc	2.9 ft / 0.9 m
12 ft / 3.7 m	655 lx	61 fc	4.3 ft / 1.3 m
16 ft / 4.9 m	368 lx	34 fc	5.7 ft / 1.7 m
20 ft / 6.1 m	236 lx	22 fc	7.1 ft / 2.2 m

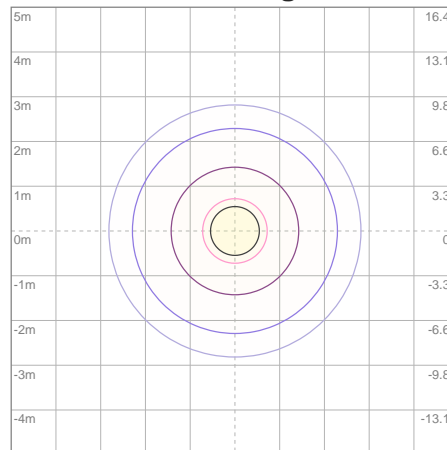
Beam center

Photometric Testing Report

Zonal Lumen Summary

Zone	Lumen	%Luminaire
0-30	1647	72.08%
0-40	1978	86.56%
0-60	2207	96.59%
60-90	50.3	2.20%
70-100	28.3	1.24%
90-120	10.6	0.46%
0-90	2257	98.77%
90-180	27.8	1.22%
0-180	2285	100.00%

ISO Lux Diagram



Mounting height: 3.05 meters (10 feet)

Lux at center:	941 lx
3%	28.23 lx
5%	47.05 lx
10%	94.10 lx
30%	282.30 lx
50%	470.50 lx

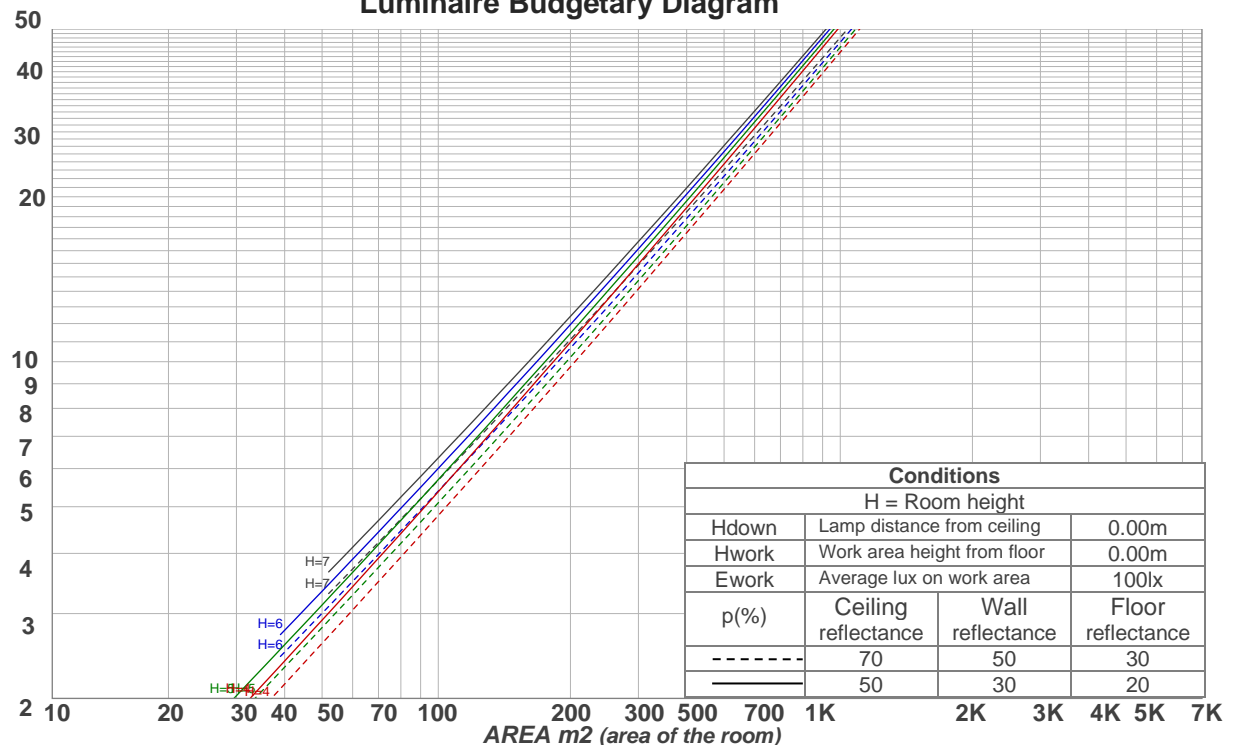
Conditions:
Number of planes: 8
Lux distribution on a surface when lamp is mounted at 3.05 meters from the surface.

Coefficients of Utilization

Ceiling reflectance	80				70				50			30			10			0
Wall reflectance	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	0
Floor reflectance	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	0
RCR	(RCR: Room Cavity Ratio) Room Values are expressed as percentage of Lumens delivered to the task surface																	
0	119	119	119	119	116	116	116	116	110	110	110	105	105	105	101	101	101	99
1	113	111	108	106	111	108	106	104	104	102	101	100	99	98	97	96	95	93
2	108	103	100	96	106	102	98	95	98	95	93	95	93	91	92	90	89	87
3	103	97	92	89	101	96	91	88	93	89	86	90	87	85	88	86	83	82
4	99	92	86	83	97	90	86	82	88	84	81	86	83	80	84	81	79	77
5	94	87	81	77	93	86	81	77	84	80	76	82	78	75	80	77	75	73
6	90	82	77	73	89	82	76	73	80	75	72	78	75	72	77	74	71	70
7	87	78	73	69	86	78	73	69	76	72	69	75	71	68	74	70	68	66
8	84	75	70	66	82	74	69	66	73	69	65	72	68	65	71	68	65	64
9	80	72	67	63	79	71	66	63	70	66	63	69	65	62	69	65	62	61
10	78	69	64	60	77	69	64	60	68	63	60	67	63	60	66	62	60	59

LAMPS (number of lamps)

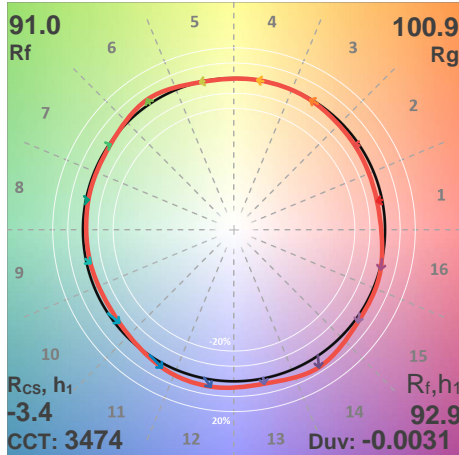
Luminaire Budgetary Diagram



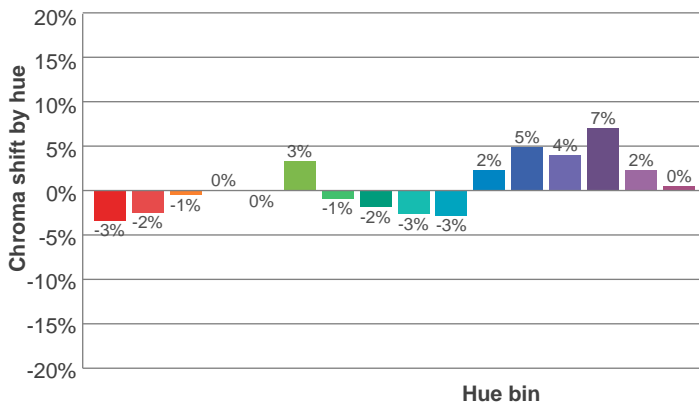
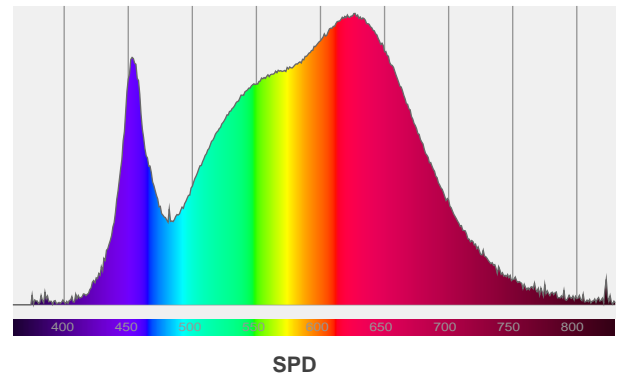
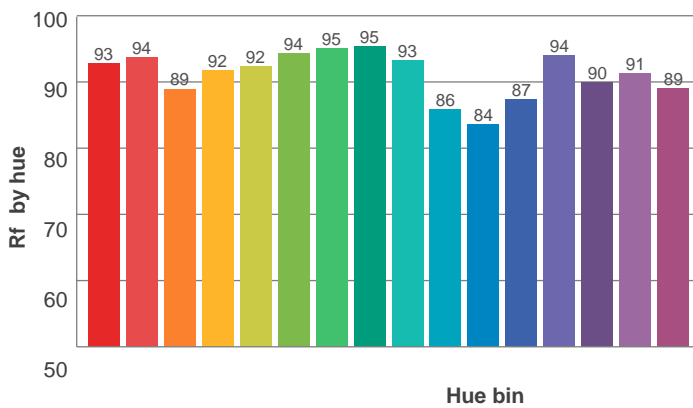
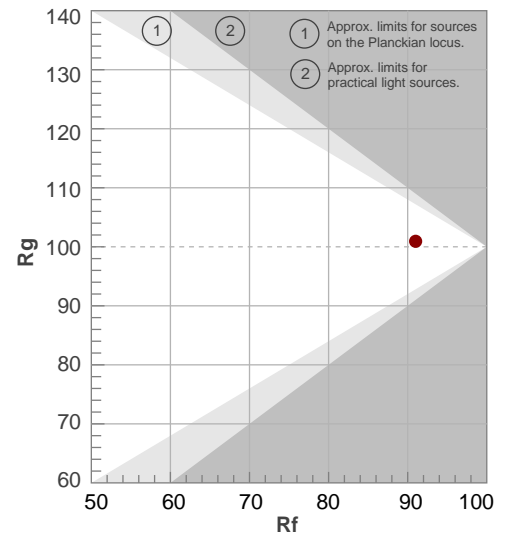
Photometric Testing Report

ANSI/IES TM-30-18

P: 2 / V: - / F: 2



Hue Bin	R _f	Shifts (%)	
		Chroma	Hue
1	93	-3%	0%
2	94	-2%	2%
3	89	-1%	5%
4	92	0%	4%
5	92	0%	3%
6	94	3%	0%
7	95	-1%	-1%
8	95	-2%	-1%
9	93	-3%	3%
10	86	-3%	9%
11	84	2%	11%
12	87	5%	5%
13	94	4%	0%
14	90	7%	-4%
15	91	2%	-5%
16	89	0%	-7%



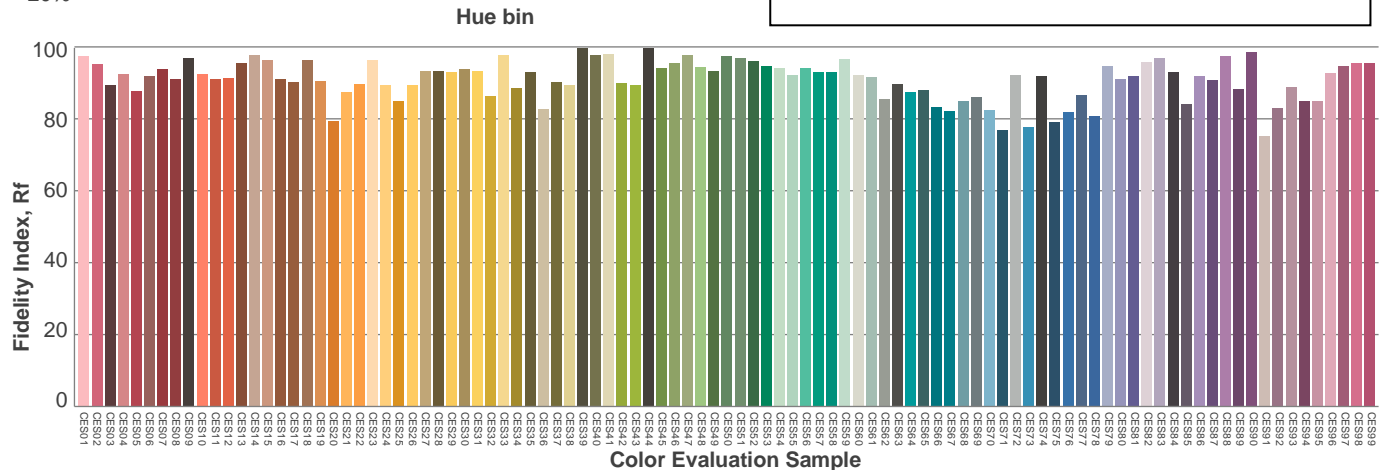
Red: 35.6%, Power=23.0mW

Blue: 11.1%, Power=17.1mW

Green: 25.2%, Power=30.0mW

UVA: 0.2%, Power=1.4mW

Dominant Wavelength: 584nm

1st Peak Wavelength: 627nm2nd Peak Wavelength: 453nm

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	22.1	22.7	22.2	22.9	23.2	22.1	22.7	22.2	22.9	23.2
	3H	22.0	22.8	22.4	23.0	23.2	22.0	22.8	22.4	23.0	23.2
	4H	22.1	22.8	22.6	23.1	23.3	22.1	22.8	22.6	23.1	23.3
	6H	22.3	22.9	22.7	23.2	23.6	22.3	22.9	22.7	23.2	23.6
	8H	22.4	22.9	22.7	23.3	23.7	22.4	22.9	22.7	23.3	23.7
	12H	22.4	22.9	22.8	23.3	23.7	22.4	22.9	22.8	23.3	23.7
4H	2H	21.9	22.6	22.3	22.8	23.1	21.9	22.6	22.3	22.8	23.1
	3H	22.1	22.6	22.5	23.0	23.4	22.1	22.6	22.5	23.0	23.4
	4H	22.2	22.8	22.7	23.2	23.7	22.2	22.8	22.7	23.2	23.7
	6H	22.5	23.0	23.0	23.4	23.7	22.5	23.0	23.0	23.4	23.7
	8H	22.6	23.0	23.1	23.4	23.8	22.6	23.0	23.1	23.4	23.8
	12H	22.6	23.0	23.1	23.4	23.9	22.6	23.0	23.1	23.4	23.9
8H	4H	22.3	22.8	22.8	23.1	23.5	22.3	22.8	22.8	23.1	23.5
	6H	22.6	22.9	23.1	23.4	24.0	22.6	22.9	23.1	23.4	24.0
	8H	22.8	23.1	23.3	23.6	24.2	22.8	23.1	23.3	23.6	24.2
	12H	22.9	23.1	23.5	23.7	24.3	22.9	23.1	23.5	23.7	24.3
12H	4H	22.2	22.6	22.7	23.0	23.5	22.2	22.6	22.7	23.0	23.5
	6H	22.7	22.9	23.2	23.5	24.1	22.7	22.9	23.2	23.5	24.1
	8H	22.8	23.1	23.4	23.6	24.2	22.8	23.1	23.4	23.6	24.2
Variation of the observer position for the luminaire distance S											
S = 1.0H		2.0 / -1.8					2.0 / -1.8				
S = 1.5H		3.9 / -2.6					3.9 / -2.6				
S = 2.0H		5.6 / -3.0					5.6 / -3.0				
Standard table		n/a					n/a				
Correction summand		n/a					n/a				
Corrected glare indices referring to 2285 lm total luminous flux											