

Light efficiency:

77 Lumen/Watt

Color temperature:

3433 K

Light quality:

CRI:94.0, R_g:91.1, R_f:101.2

P: 2 / V: - / F: 2

Output: 2226 lm

Peak: 2425 cd

Power: 29.0 W

Voltage: 120 V

Current: 0.242 A

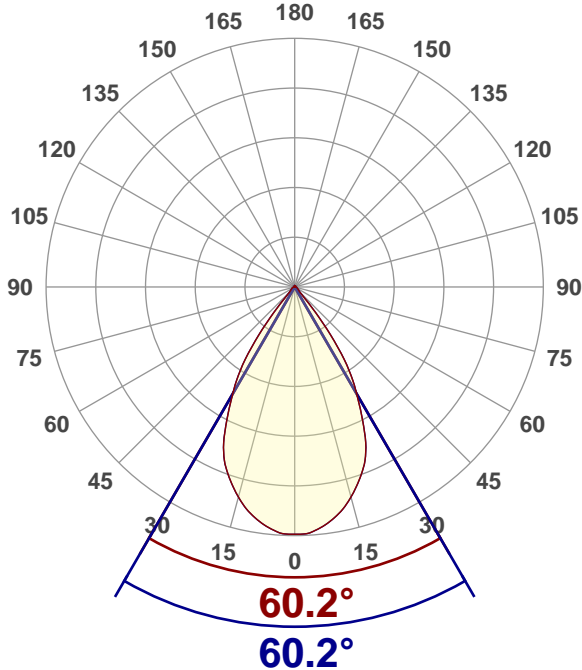
PF: 0.9

THD: n/a %



Angular Distribution

0° and 90° plane



Product name:

S3RGWS-D35WC-xx1-xxx

Test Date:

2020-05-27

Beam Angle (50% of the brightness of the centre):

60.2°

Field Angle (10% of the brightness of the centre):

80.7°

Cut Off Angle (2.5% of the brightness of the centre):

95.4°

Beam Details

*measured at centre of beam

Mounting Height (feet)/(meter)	Lux*	Footcandles*	Beam width (feet) / (meter)
4 ft / 1.2 m	1632 lx	152 fc	4.6 ft / 1.4 m
8 ft / 2.4 m	408 lx	38 fc	9.3 ft / 2.8 m
12 ft / 3.7 m	181 lx	17 fc	13.9 ft / 4.2 m
16 ft / 4.9 m	102 lx	9 fc	18.6 ft / 5.7 m
20 ft / 6.1 m	65 lx	6 fc	23.2 ft / 7.1 m

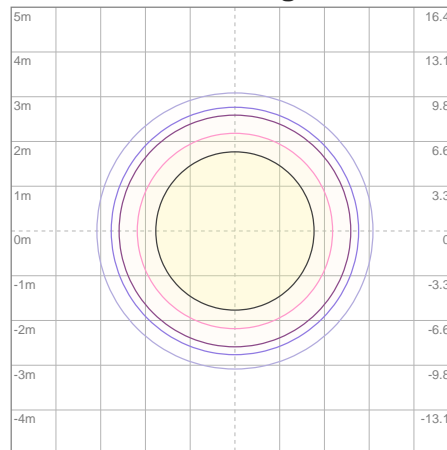
Beam center

Photometric Testing Report

Zonal Lumen Summary

Zone	Lumen	%Luminaire
0-30	1559	70.04%
0-40	2029	91.15%
0-60	2140	96.14%
60-90	57.9	2.60%
70-100	33.2	1.49%
90-120	11.4	0.51%
0-90	2198	98.74%
90-180	28.0	1.26%
0-180	2226	100.00%

ISO Lux Diagram



Mounting height: 3.05 meters (10 feet)

Lux at center:	261 lx
3%	7.83 lx
5%	13.05 lx
10%	26.10 lx
30%	78.30 lx
50%	130.50 lx

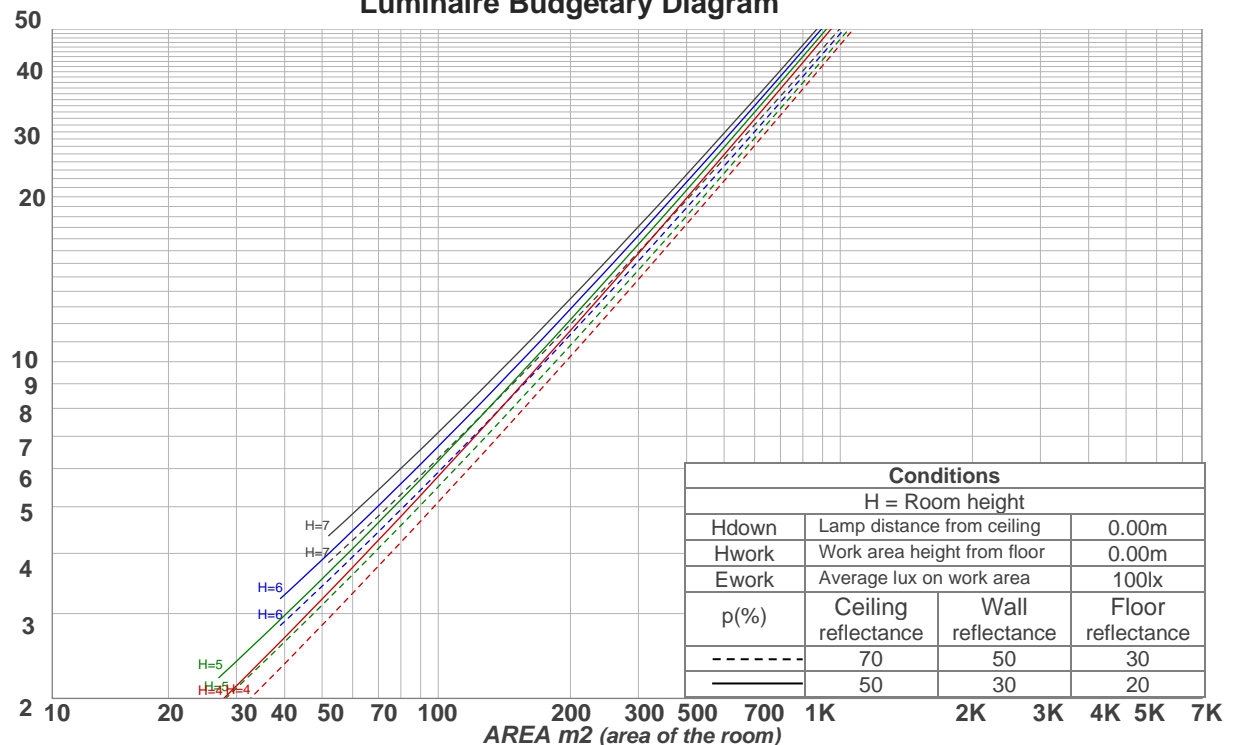
Conditions:
Number of planes: 8
Lux distribution on a surface when lamp is mounted at 3.05 meters from the surface.

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	110	107	105	110	108	105	103	103	101	100	99	98	96	96	95	93	92
2	107	102	98	94	105	100	96	93	97	93	91	93	91	89	90	88	87	85
3	101	95	90	86	99	93	89	85	90	86	83	88	85	82	85	83	80	79
4	96	88	83	78	94	87	82	78	85	80	77	83	79	76	81	77	75	73
5	91	83	77	72	90	82	76	72	80	75	71	78	74	70	76	73	70	68
6	87	78	71	67	85	77	71	67	75	70	66	74	69	66	72	68	65	64
7	82	73	67	63	81	72	66	62	71	66	62	69	65	61	68	64	61	60
8	78	69	63	58	77	68	62	58	67	62	58	66	61	58	65	60	57	56
9	75	65	59	55	73	64	59	55	63	58	54	62	58	54	61	57	54	53
10	71	61	55	52	70	61	55	51	60	55	51	59	54	51	58	54	51	50

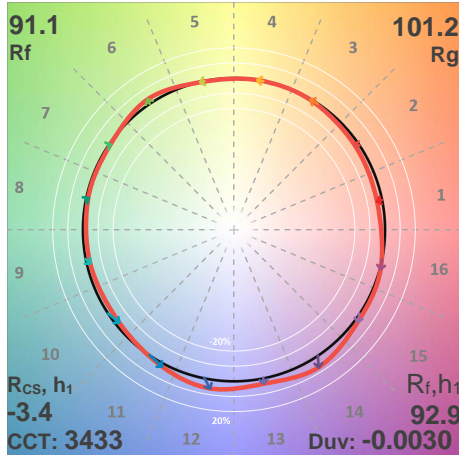
LAMPS (number of lamps)

Luminaire Budgetary Diagram

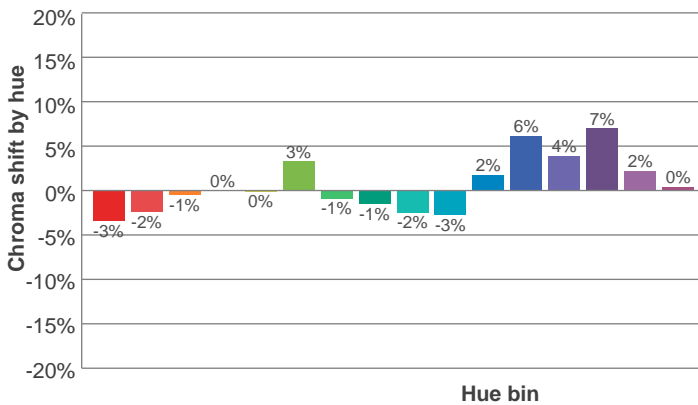
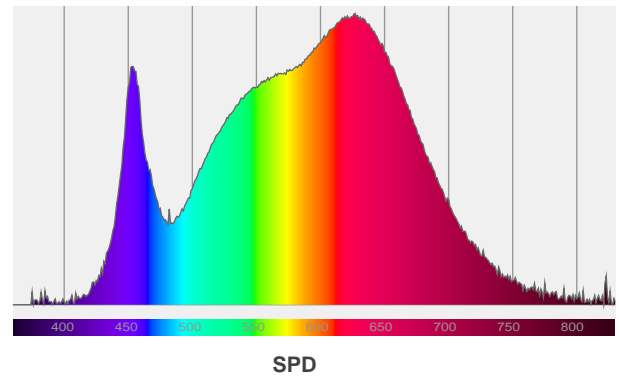
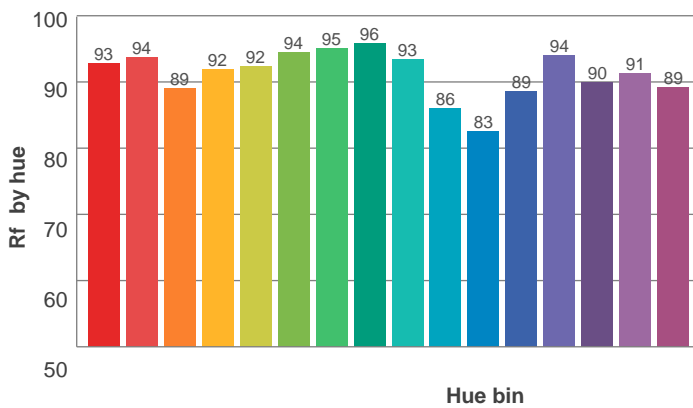
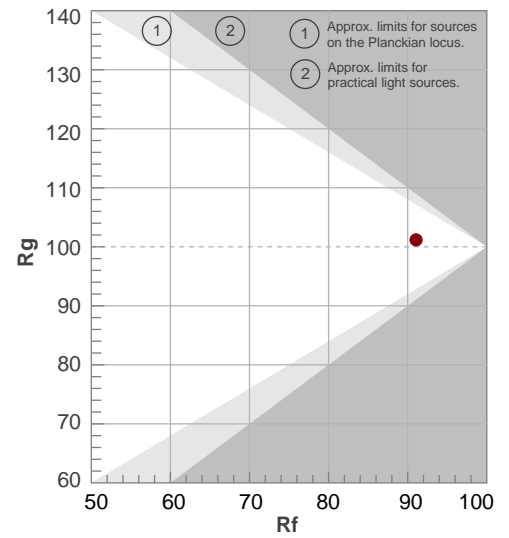


ANSI/IES TM-30-18

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	96	-1%	-2%
9	93	-2%	3%
10	86	-3%	9%
11	83	2%	11%
12	89	6%	5%
13	94	4%	0%
14	90	7%	-4%
15	91	2%	-5%
16	89	0%	-7%



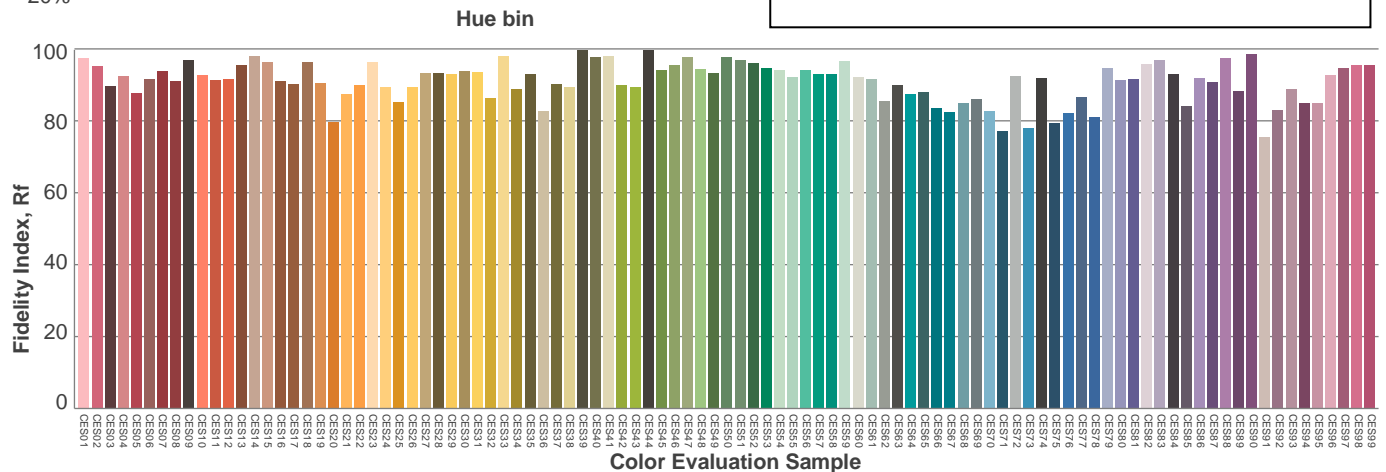
Red: 35.9%, Power=22.6mW

Blue: 10.9%, Power=16.4mW

Green: 25.1%, Power=29.1mW

UVA: 0.2%, Power=1.8mW

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	22.5	23.1	22.6	23.4	23.6	22.5	23.1	22.6	23.4	23.6
	3H	22.5	23.2	22.9	23.5	23.7	22.5	23.2	22.9	23.5	23.7
	4H	22.6	23.4	23.0	23.6	23.9	22.6	23.4	23.0	23.6	23.9
	6H	22.8	23.5	23.2	23.8	24.2	22.8	23.5	23.2	23.8	24.2
	8H	22.9	23.5	23.2	23.9	24.3	22.9	23.5	23.2	23.9	24.3
	12H	22.9	23.5	23.3	23.9	24.3	22.9	23.5	23.3	23.9	24.3
4H	2H	22.2	23.0	22.6	23.2	23.5	22.2	23.0	22.6	23.2	23.5
	3H	22.5	23.1	22.9	23.5	23.9	22.5	23.1	22.9	23.5	23.9
	4H	22.7	23.3	23.2	23.7	24.3	22.7	23.3	23.2	23.7	24.3
	6H	23.0	23.6	23.5	24.0	24.3	23.0	23.6	23.5	24.0	24.3
	8H	23.1	23.7	23.7	24.0	24.4	23.1	23.7	23.7	24.0	24.4
	12H	23.2	23.6	23.7	24.1	24.6	23.2	23.6	23.7	24.1	24.6
8H	4H	22.8	23.3	23.3	23.7	24.1	22.8	23.3	23.3	23.7	24.1
	6H	23.2	23.6	23.7	24.1	24.6	23.2	23.6	23.7	24.1	24.6
	8H	23.5	23.7	24.0	24.3	24.9	23.5	23.7	24.0	24.3	24.9
	12H	23.6	23.9	24.2	24.4	25.0	23.6	23.9	24.2	24.4	25.0
12H	4H	22.8	23.2	23.3	23.6	24.1	22.8	23.2	23.3	23.6	24.1
	6H	23.3	23.6	23.8	24.1	24.8	23.3	23.6	23.8	24.1	24.8
	8H	23.5	23.7	24.1	24.3	24.9	23.5	23.7	24.1	24.3	24.9
Variation of the observer position for the luminaire distance S											
S = 1.0H		3.7 / -2.2					3.7 / -2.2				
S = 1.5H		6.1 / -2.3					6.1 / -2.3				
S = 2.0H		7.9 / -2.5					7.9 / -2.5				
Standard table		n/a					n/a				
Correction summand		n/a					n/a				
Corrected glare indices referring to 2226 lm total luminous flux											