

Light efficiency:

64 Lumen/Watt

Color temperature:

2882 K

Light quality:

CRI:93.2, R_g:91.5, R_f:101.6

P: 2 / V: - / F: 2

Output: 632 lm

Peak: 1497 cd

Power: 9.9 W

Voltage: 121 V

Current: 0.088 A

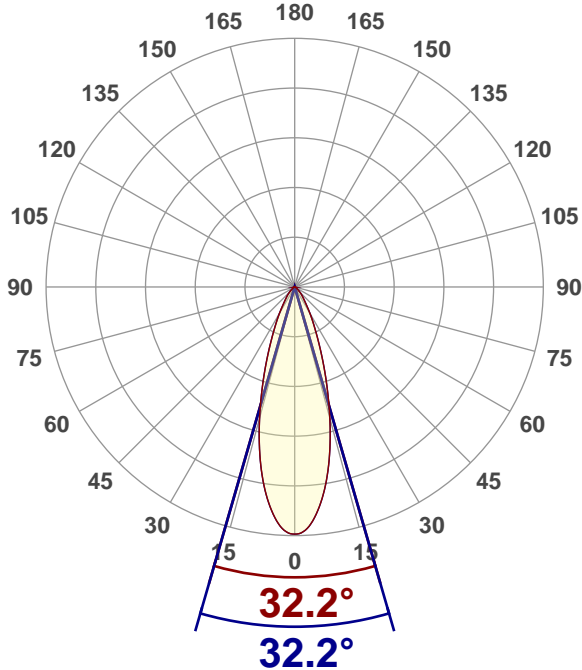
PF: 0.93

THD: 21.37 %



Angular Distribution

0° and 90° plane



Product name:

RA4-9RG-DTW90WH

Test Date:

2021-10-25

Beam Angle (50% of the brightness of the centre):
32.2°Field Angle (10% of the brightness of the centre):
63.7°Cut Off Angle (2.5% of the brightness of the centre):
93°

Beam Details

*measured at centre of beam

Mounting Height (feet)/(meter)	Lux*	Footcandles*	Beam width (feet) / (meter)
4 ft / 1.2 m	1007 lx	94 fc	2.3 ft / 0.7 m
8 ft / 2.4 m	252 lx	23 fc	4.6 ft / 1.4 m
12 ft / 3.7 m	112 lx	10 fc	6.9 ft / 2.1 m
16 ft / 4.9 m	63 lx	6 fc	9.2 ft / 2.8 m
20 ft / 6.1 m	40 lx	4 fc	11.6 ft / 3.5 m

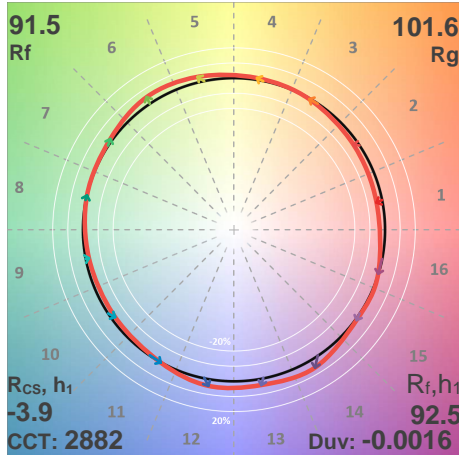
Beam center

Liteline Corporation – Richmond Hill, Canada – www.liteline.com Liteline Web -Downloads R1.6

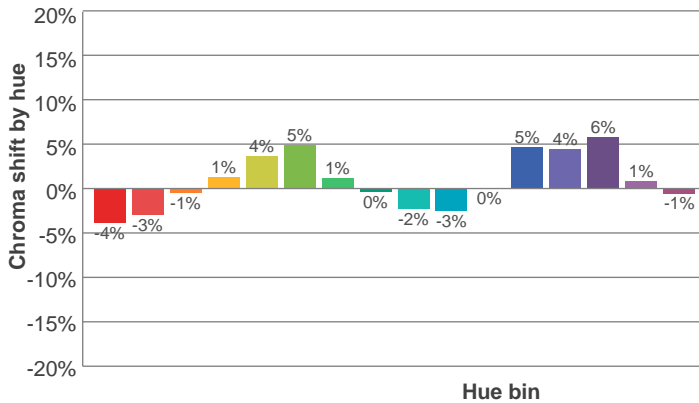
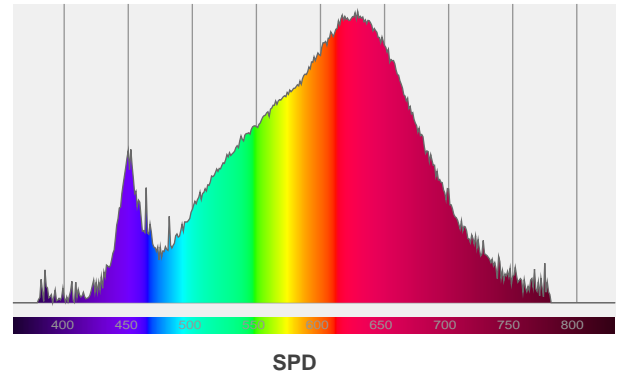
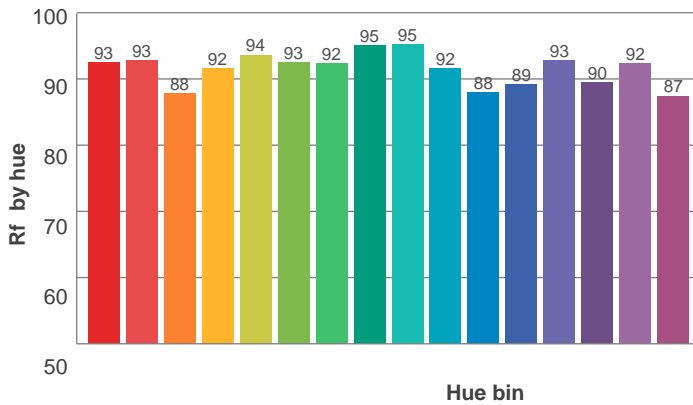
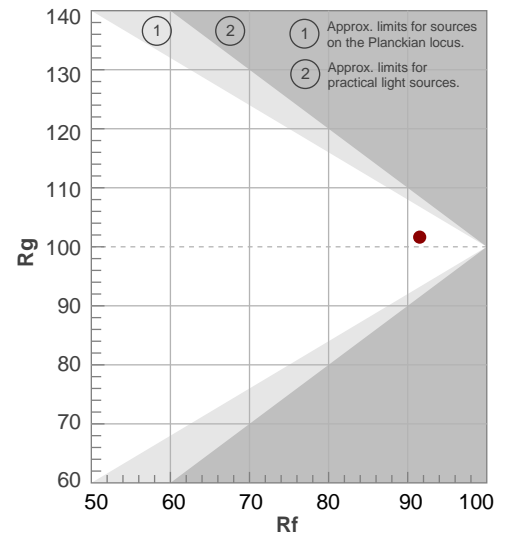
Photometric Testing Report

ANSI/IES TM-30-18

P: 2 / V: - / F: 2



Hue Bin	R _f	Shifts (%)	
		Chroma	Hue
1	93	-4%	-1%
2	93	-3%	3%
3	88	-1%	6%
4	92	1%	4%
5	94	4%	4%
6	93	5%	-1%
7	92	1%	-4%
8	95	0%	-3%
9	95	-2%	0%
10	92	-3%	5%
11	88	0%	9%
12	89	5%	4%
13	93	4%	-2%
14	90	6%	-6%
15	92	1%	-5%
16	87	-1%	-10%



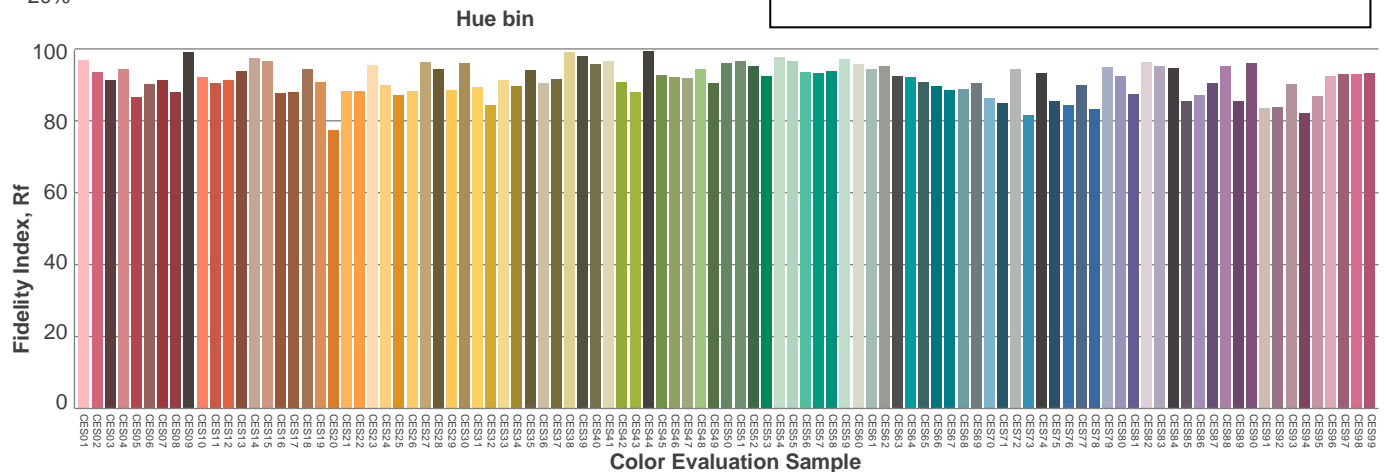
Red: 41%, Power=7.6mW

Blue: 7.2%, Power=2.6mW

Green: 23%, Power=7.4mW

UVA: 0.4%, Power=0.0mW

Dominant Wavelength: 585nm

1st Peak Wavelength: 629nm2nd Peak Wavelength: 452nm

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	15.6	16.2	15.7	16.4	16.6	15.6	16.2	15.7	16.4	16.6
	3H	15.6	16.3	16.0	16.5	16.7	15.6	16.3	16.0	16.5	16.7
	4H	15.7	16.4	16.1	16.6	16.9	15.7	16.4	16.1	16.6	16.9
	6H	16.0	16.6	16.3	16.9	17.2	16.0	16.6	16.3	16.9	17.2
	8H	16.2	16.7	16.5	17.0	17.4	16.2	16.7	16.5	17.0	17.4
	12H	16.4	16.9	16.7	17.3	17.7	16.4	16.9	16.7	17.3	17.7
4H	2H	15.4	16.0	15.7	16.3	16.5	15.4	16.0	15.7	16.3	16.5
	3H	15.7	16.2	16.0	16.6	17.0	15.7	16.2	16.0	16.6	17.0
	4H	15.9	16.4	16.3	16.8	17.3	15.9	16.4	16.3	16.8	17.3
	6H	16.2	16.8	16.7	17.1	17.5	16.2	16.8	16.7	17.1	17.5
	8H	16.5	17.0	17.0	17.3	17.7	16.5	17.0	17.0	17.3	17.7
	12H	16.9	17.3	17.4	17.7	18.1	16.9	17.3	17.4	17.7	18.1
8H	4H	15.9	16.4	16.4	16.8	17.1	15.9	16.4	16.4	16.8	17.1
	6H	16.5	16.8	17.0	17.3	17.8	16.5	16.8	17.0	17.3	17.8
	8H	17.0	17.2	17.5	17.7	18.4	17.0	17.2	17.5	17.7	18.4
	12H	17.5	17.8	18.1	18.3	18.9	17.5	17.8	18.1	18.3	18.9
12H	4H	15.9	16.3	16.4	16.7	17.2	15.9	16.3	16.4	16.7	17.2
	6H	16.6	16.9	17.1	17.4	18.0	16.6	16.9	17.1	17.4	18.0
	8H	17.1	17.3	17.7	17.8	18.4	17.1	17.3	17.7	17.8	18.4
Variation of the observer position for the luminaire distance S											
S = 1.0H		1.5 / -1.2					1.5 / -1.2				
S = 1.5H		3.2 / -1.5					3.2 / -1.5				
S = 2.0H		4.8 / -1.7					4.8 / -1.7				
Standard table		n/a					n/a				
Correction summand		n/a					n/a				
Corrected glare indices referring to 632 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.