

Light efficiency:

84 Lumen/Watt

Color temperature:

4030 K

Light quality:

CRI:91.0, R_g:90.3, R_f:97.2

P: 2 / V: - / F: 3

Output: 8895 lm

Peak: 14785 cd

Power: 105.6 W

Voltage: 120 V

Current: 0.887 A

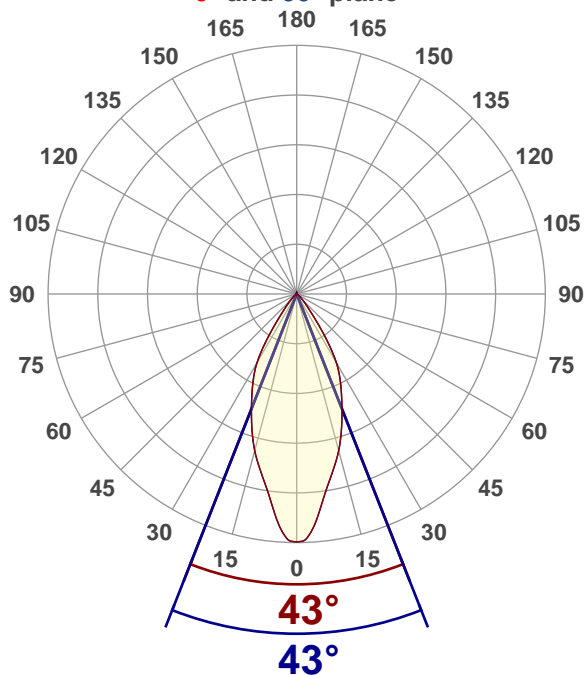
PF: 1.0

THD: 9.97 %



Angular Distribution

0° and 90° plane



Product name:

GEN06-9040-WSxxxx

Test Date:

2020-09-29

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

43°

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

75.1°

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

93.5°

Beam Details

*measured at centre of beam

Mounting Height (feet)/(meter)	Lux*	Footcandles*	Beam width (feet) / (meter)
4 ft / 1.2 m	9947 lx	924 fc	3.2 ft / 1 m
8 ft / 2.4 m	2487 lx	231 fc	6.3 ft / 1.9 m
12 ft / 3.7 m	1105 lx	103 fc	9.5 ft / 2.9 m
16 ft / 4.9 m	622 lx	58 fc	12.6 ft / 3.8 m
20 ft / 6.1 m	398 lx	37 fc	15.8 ft / 4.8 m

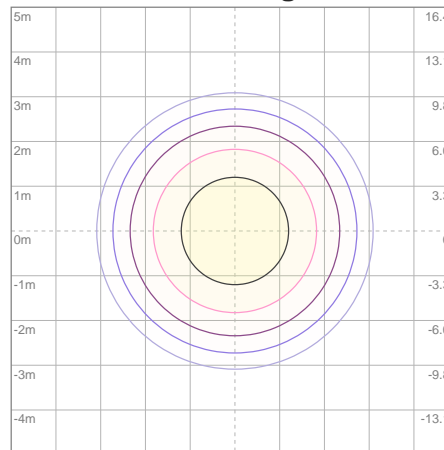
Beam center

Photometric Testing Report

Zonal Lumen Summary

Zone	Lumen	%Luminaire
0-30	6776	76.18%
0-40	8343	93.79%
0-60	8841	99.39%
60-90	15.4	0.17%
70-100	10.4	0.12%
90-120	9.82	0.11%
0-90	8857	99.57%
90-180	38.7	0.44%
0-180	8895	100.00%

ISO Lux Diagram



Lux at center:	1589 lx
3%	47.67 lx
5%	79.45 lx
10%	158.90 lx
30%	476.70 lx
50%	794.50 lx

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

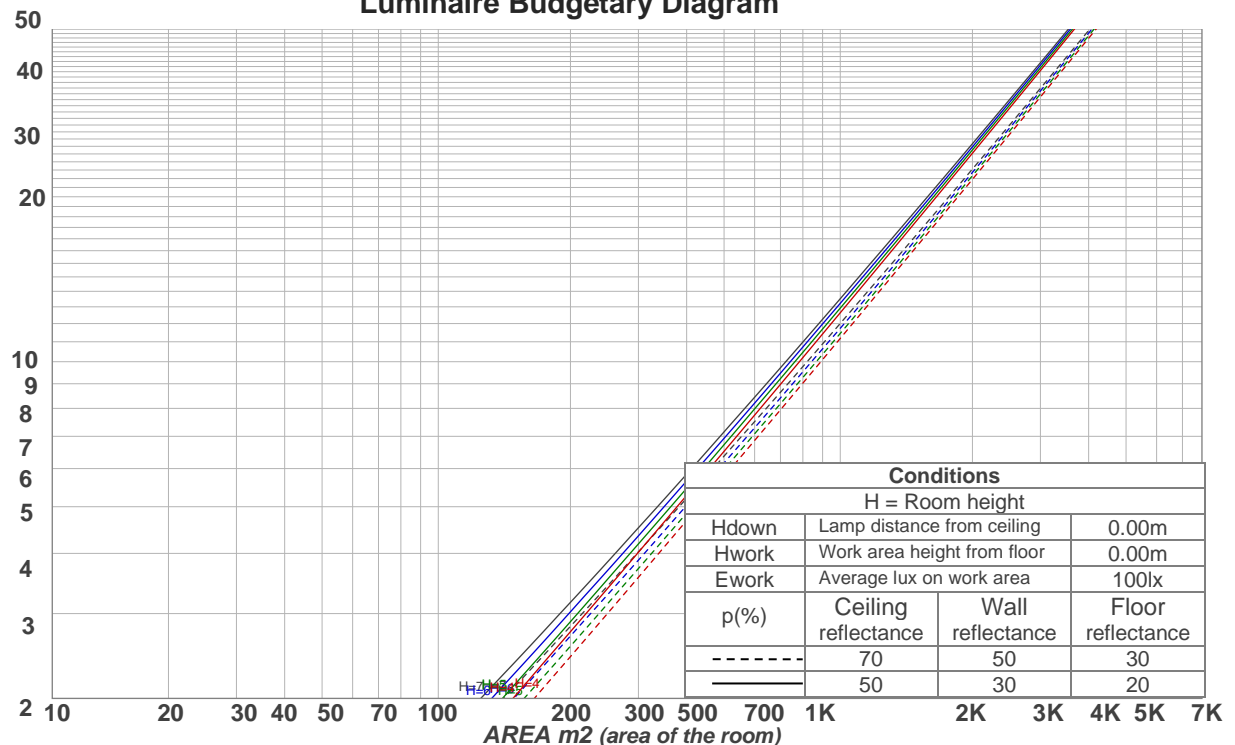
Mounting height: 3.05 meters (10 feet)

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	111	111	111	106	106	106	102	102	102	100
1	114	111	109	106	111	109	107	105	105	103	101	101	100	98	97	96	95	94
2	108	104	100	97	106	102	98	96	99	96	93	96	93	91	93	91	89	88
3	103	97	92	89	101	96	91	88	93	89	86	91	88	85	88	86	84	82
4	98	91	86	82	97	90	85	81	88	84	80	86	82	79	84	81	78	77
5	94	86	80	76	92	85	80	76	83	79	75	81	77	74	80	76	74	72
6	89	81	75	71	88	80	75	71	79	74	70	77	73	70	76	72	69	68
7	85	76	71	67	84	76	70	67	74	70	66	73	69	66	72	68	65	64
8	81	72	67	63	80	72	66	63	71	66	62	70	65	62	69	65	62	60
9	78	69	63	59	77	68	63	59	67	62	59	66	62	59	65	61	58	57
10	74	65	60	56	73	65	59	56	64	59	56	63	59	56	62	58	55	54

LAMPS (number of lamps)

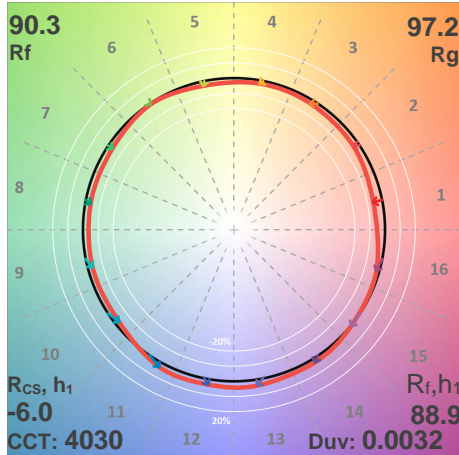
Luminaire Budgetary Diagram



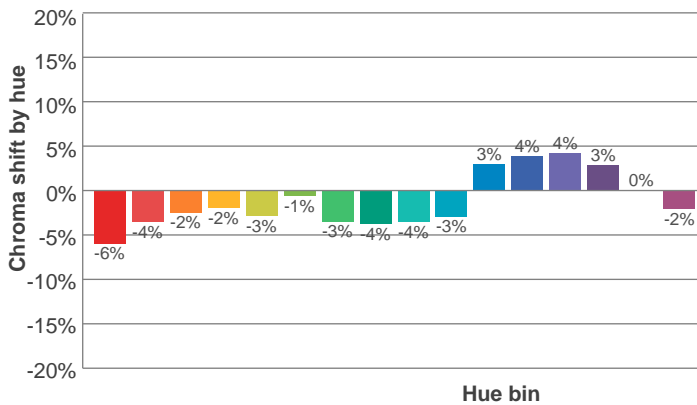
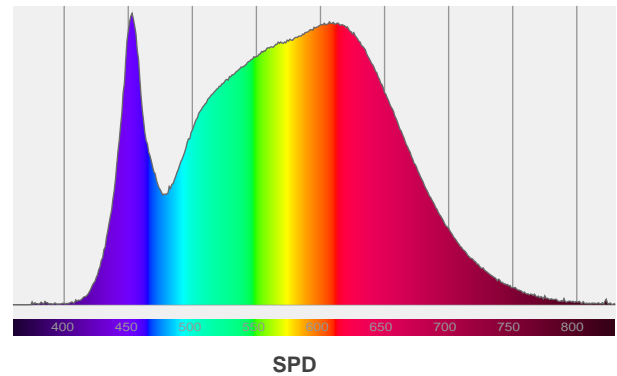
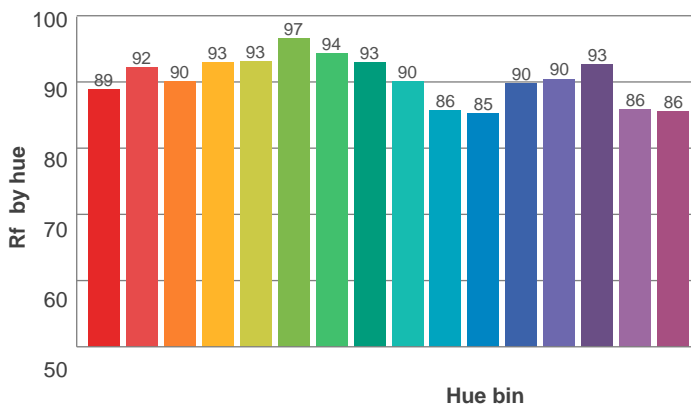
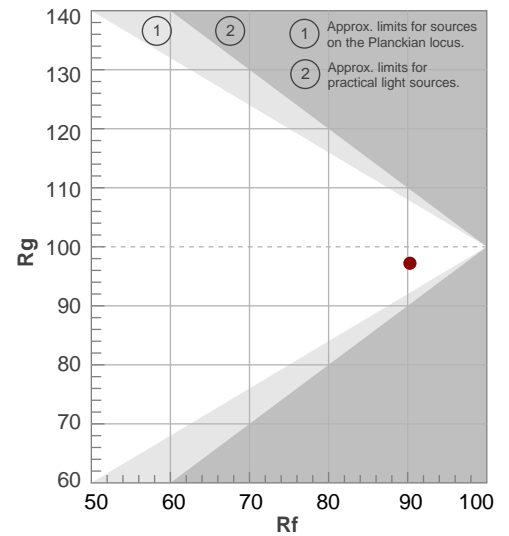
Photometric Testing Report

ANSI/IES TM-30-18

P: 2 / V: - / F: 3



Hue Bin	R _f	Shifts (%)	
		Chroma	Hue
1	89	-6%	0%
2	92	-4%	2%
3	90	-2%	4%
4	93	-2%	2%
5	93	-3%	1%
6	97	-1%	0%
7	94	-3%	0%
8	93	-4%	2%
9	90	-4%	6%
10	86	-3%	9%
11	85	3%	10%
12	90	4%	3%
13	90	4%	-5%
14	93	3%	-4%
15	86	0%	-10%
16	86	-2%	-8%



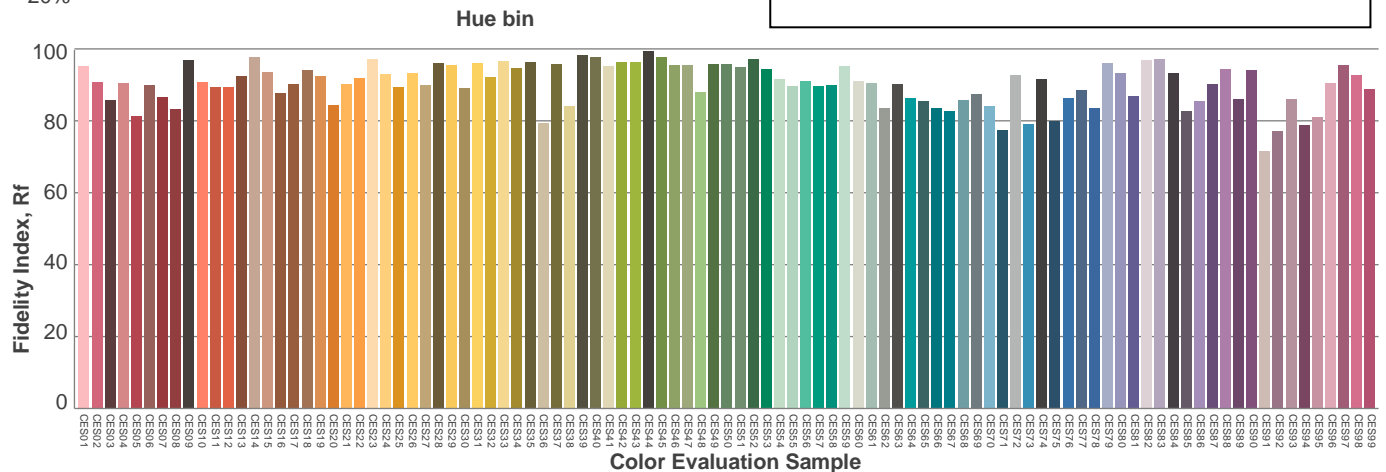
Red: 28.6%, Power=0.062W

Blue: 13.1%, Power=0.067W

Green: 29.4%, Power=0.120W

UVA: 0.1%, Power=0.001W

Dominant Wavelength: 580nm

1st Peak Wavelength: 453nm2nd Peak Wavelength: 607nm

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	20.8	21.4	20.9	21.6	21.8	20.8	21.4	20.9	21.6	21.8
	3H	20.5	21.2	20.9	21.4	21.6	20.5	21.2	20.9	21.4	21.6
	4H	20.4	21.1	20.8	21.4	21.6	20.4	21.1	20.8	21.4	21.6
	6H	20.4	21.0	20.7	21.3	21.7	20.4	21.0	20.7	21.3	21.7
	8H	20.4	20.9	20.7	21.3	21.6	20.4	20.9	20.7	21.3	21.6
	12H	20.3	20.9	20.7	21.2	21.6	20.3	20.9	20.7	21.2	21.6
4H	2H	20.4	21.1	20.8	21.4	21.6	20.4	21.1	20.8	21.4	21.6
	3H	20.3	20.9	20.7	21.2	21.6	20.3	20.9	20.7	21.2	21.6
	4H	20.2	20.7	20.6	21.1	21.6	20.2	20.7	20.6	21.1	21.6
	6H	20.1	20.6	20.6	21.0	21.3	20.1	20.6	20.6	21.0	21.3
	8H	20.0	20.5	20.6	20.9	21.2	20.0	20.5	20.6	20.9	21.2
	12H	20.0	20.4	20.5	20.8	21.2	20.0	20.4	20.5	20.8	21.2
8H	4H	20.0	20.5	20.6	20.9	21.2	20.0	20.5	20.6	20.9	21.2
	6H	20.0	20.3	20.5	20.8	21.3	20.0	20.3	20.5	20.8	21.3
	8H	20.0	20.2	20.5	20.8	21.4	20.0	20.2	20.5	20.8	21.4
	12H	19.9	20.1	20.5	20.6	21.2	19.9	20.1	20.5	20.6	21.2
12H	4H	20.0	20.4	20.5	20.8	21.2	20.0	20.4	20.5	20.8	21.2
	6H	20.0	20.2	20.5	20.7	21.4	20.0	20.2	20.5	20.7	21.4
	8H	19.9	20.1	20.5	20.6	21.2	19.9	20.1	20.5	20.6	21.2
Variation of the observer position for the luminaire distance S											
S = 1.0H		5.5 / -10.4					5.5 / -10.4				
S = 1.5H		8.2 / -17.3					8.2 / -17.3				
S = 2.0H		10.1 / -17.7					10.1 / -17.7				
Standard table		n/a					n/a				
Correction summand		n/a					n/a				
Corrected glare indices referring to 8895 lm total luminous flux											