

Light efficiency:

80 Lumen/Watt

Color temperature:

4066 K

Light quality:

CRI:90.7, R_g:90.9, R_f:98.1

P: 2 / V: - / F: 3

Output: 4565 lm

Peak: 6627 cd

Power: 57.1 W

Voltage: 120 V

Current: 0.477 A

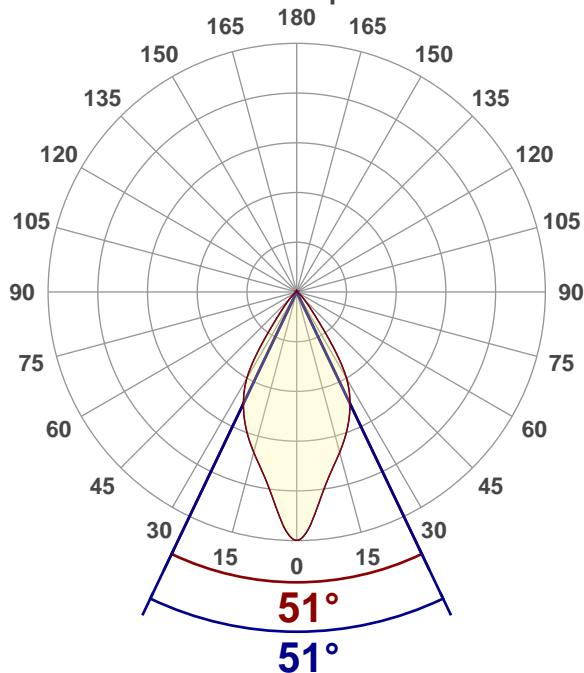
PF: 1.0

THD: 5.52 %



Angular Distribution

0° and 90° plane



Product name:

GEN06-4040-WHCxxx

Test Date:

2020-10-08

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

51°

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

78.1°

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

98.5°

Beam Details

*measured at centre of beam

Mounting Height (feet)/(meter)	Lux*	Footcandles*	Beam width (feet) / (meter)
4 ft / 1.2 m	4458 lx	414 fc	3.8 ft / 1.2 m
8 ft / 2.4 m	1114 lx	104 fc	7.6 ft / 2.3 m
12 ft / 3.7 m	495 lx	46 fc	11.5 ft / 3.5 m
16 ft / 4.9 m	279 lx	26 fc	15.3 ft / 4.7 m
20 ft / 6.1 m	178 lx	17 fc	19.1 ft / 5.8 m

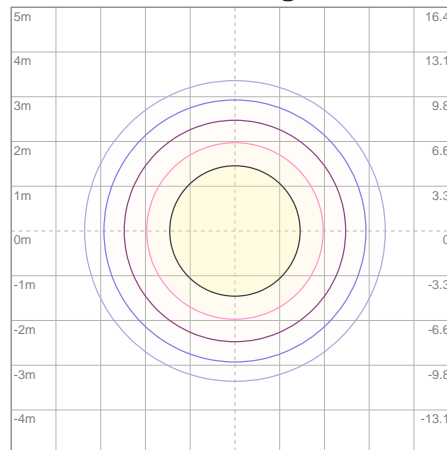
Beam center

Photometric Testing Report

Zonal Lumen Summary

Zone	Lumen	%Luminaire
0-30	3316	72.64%
0-40	4209	92.20%
0-60	4513	98.86%
60-90	14.9	0.33%
70-100	11.6	0.25%
90-120	11.2	0.25%
0-90	4528	99.19%
90-180	36.9	0.81%
0-180	4565	100.00%

ISO Lux Diagram



Lux at center:	712 lx
3%	21.36 lx
5%	35.60 lx
10%	71.20 lx
30%	213.60 lx
50%	356.00 lx

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

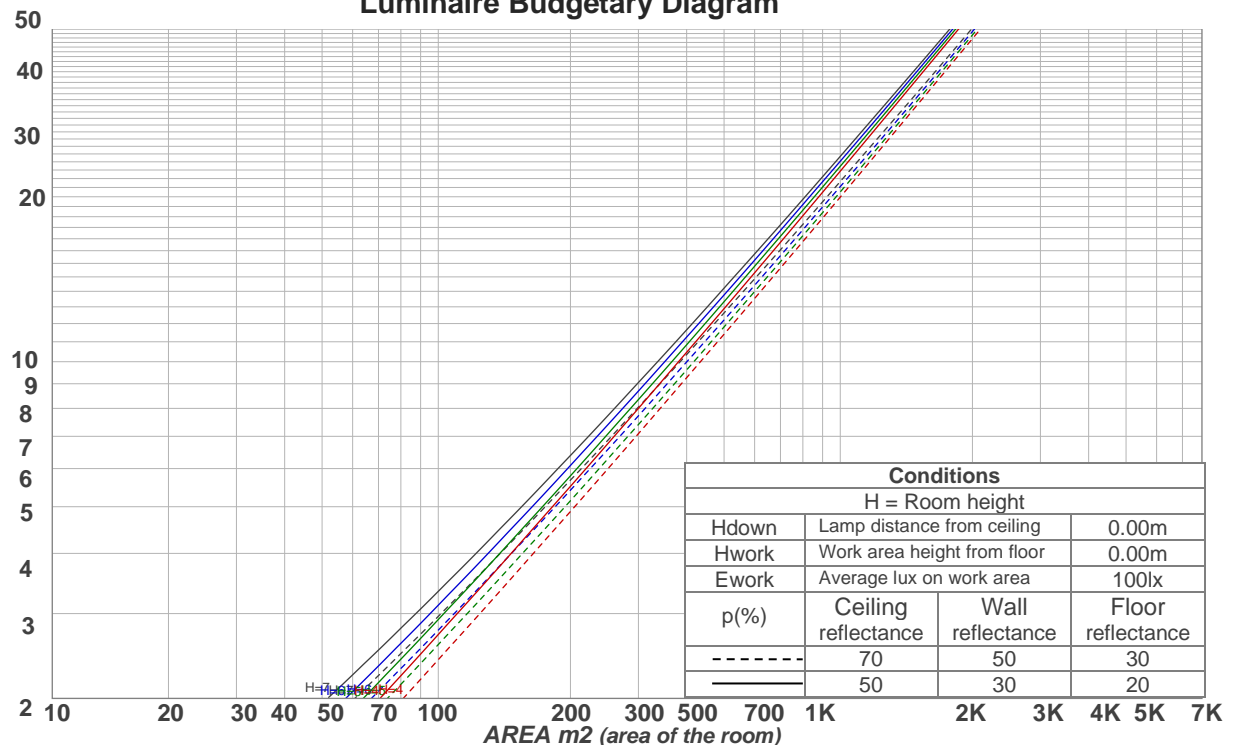
Mounting height: 3.05 meters (10 feet)

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	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	99	96	106	101	98	95	98	95	92	95	92	90	92	90	88	87
3	102	96	91	87	100	95	90	87	92	88	85	89	86	84	87	84	82	81
4	97	90	84	80	96	89	84	80	86	82	79	84	81	78	82	79	77	75
5	93	84	79	74	91	83	78	74	81	77	73	80	76	72	78	75	72	70
6	88	79	73	69	86	78	73	69	77	72	68	75	71	68	74	70	67	66
7	84	75	69	64	82	74	68	64	72	68	64	71	67	63	70	66	63	62
8	80	70	64	60	78	70	64	60	69	64	60	67	63	60	66	62	59	58
9	76	66	61	57	75	66	60	57	65	60	56	64	59	56	63	59	56	55
10	73	63	57	53	71	63	57	53	62	57	53	61	56	53	60	56	53	52

LAMPS (number of lamps)

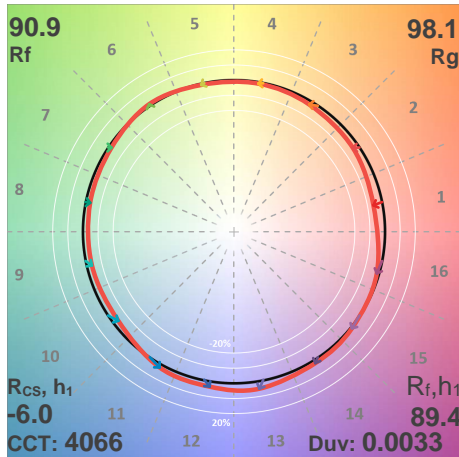
Luminaire Budgetary Diagram



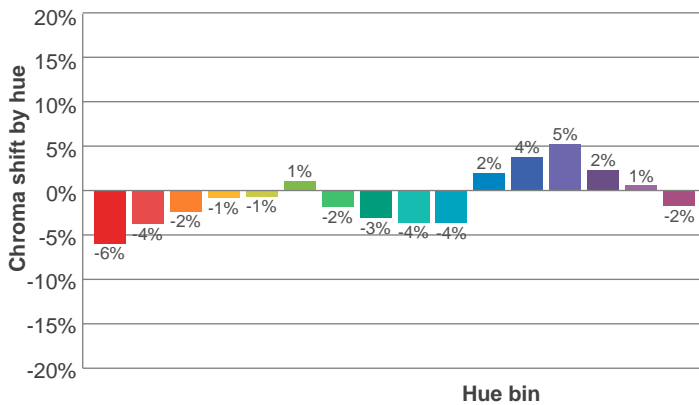
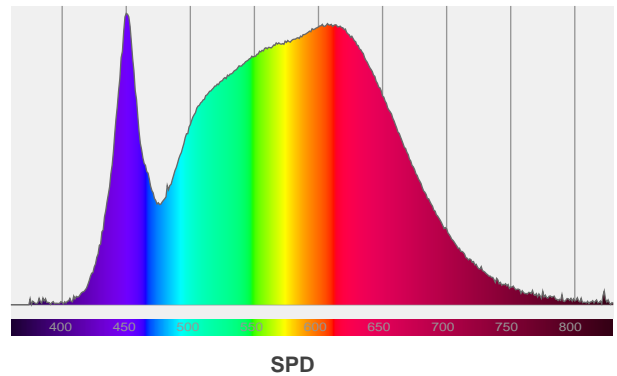
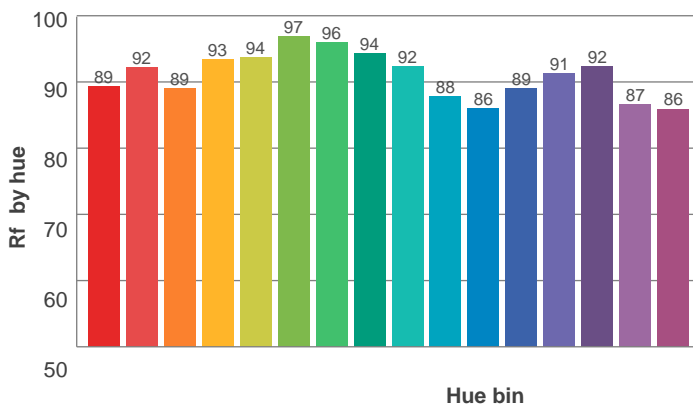
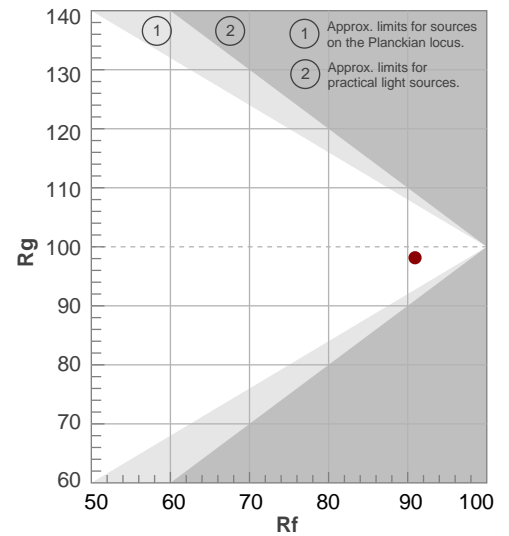
Photometric Testing Report

ANSI/IES TM-30-18

P: 2 / V: - / F: 3



Hue Bin	R _f	Shifts (%)	
		Chroma	Hue
1	89	-6%	-1%
2	92	-4%	2%
3	89	-2%	5%
4	93	-1%	3%
5	94	-1%	2%
6	97	1%	0%
7	96	-2%	-1%
8	94	-3%	0%
9	92	-4%	4%
10	88	-4%	7%
11	86	2%	9%
12	89	4%	4%
13	91	5%	-4%
14	92	2%	-3%
15	87	1%	-10%
16	86	-2%	-9%



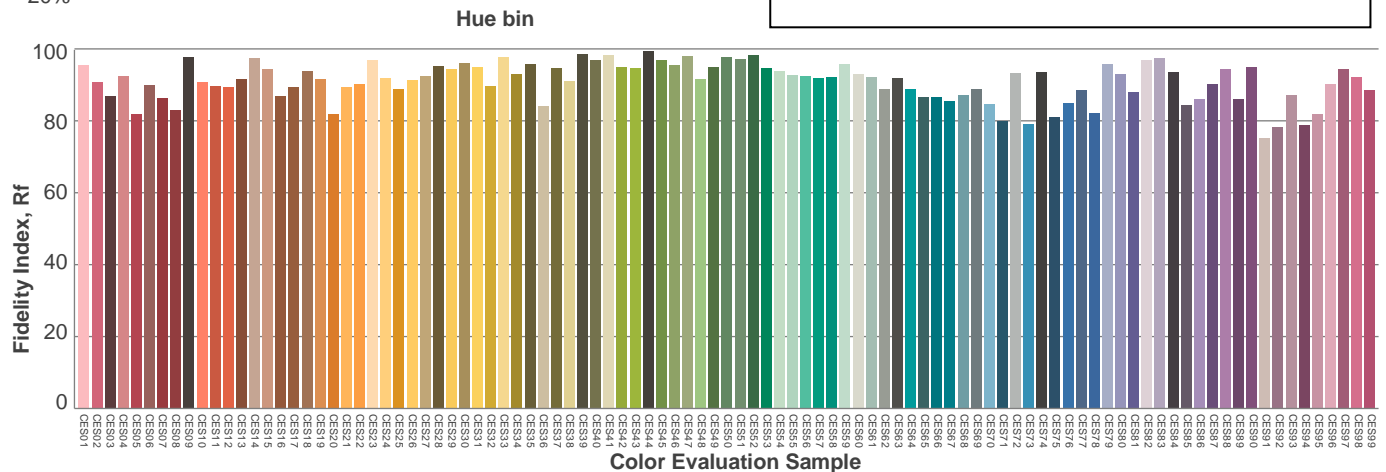
Red: 28.1%, Power=31.3mW

Blue: 12.2%, Power=29.5mW

Green: 29.6%, Power=61.6mW

UVA: 0.1%, Power=1.5mW

Dominant Wavelength: 580nm

1st Peak Wavelength: 450nm2nd 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	19.3	19.9	19.4	20.2	20.4	19.3	19.9	19.4	20.2	20.4
	3H	19.0	19.8	19.4	20.0	20.2	19.0	19.8	19.4	20.0	20.2
	4H	18.9	19.7	19.3	19.9	20.1	18.9	19.7	19.3	19.9	20.1
	6H	18.9	19.5	19.2	19.8	20.2	18.9	19.5	19.2	19.8	20.2
	8H	18.9	19.5	19.2	19.8	20.2	18.9	19.5	19.2	19.8	20.2
	12H	18.8	19.4	19.2	19.8	20.2	18.8	19.4	19.2	19.8	20.2
4H	2H	18.9	19.7	19.3	19.9	20.2	18.9	19.7	19.3	19.9	20.2
	3H	18.8	19.4	19.2	19.8	20.2	18.8	19.4	19.2	19.8	20.2
	4H	18.7	19.2	19.1	19.6	20.2	18.7	19.2	19.1	19.6	20.2
	6H	18.6	19.2	19.1	19.5	19.9	18.6	19.2	19.1	19.5	19.9
	8H	18.6	19.1	19.1	19.4	19.8	18.6	19.1	19.1	19.4	19.8
	12H	18.5	18.9	19.0	19.3	19.8	18.5	18.9	19.0	19.3	19.8
8H	4H	18.6	19.1	19.1	19.4	19.8	18.6	19.1	19.1	19.4	19.8
	6H	18.5	18.8	19.0	19.3	19.8	18.5	18.8	19.0	19.3	19.8
	8H	18.5	18.8	19.0	19.3	19.9	18.5	18.8	19.0	19.3	19.9
	12H	18.4	18.7	19.0	19.2	19.8	18.4	18.7	19.0	19.2	19.8
12H	4H	18.5	18.9	19.0	19.3	19.8	18.5	18.9	19.0	19.3	19.8
	6H	18.5	18.8	19.0	19.3	19.9	18.5	18.8	19.0	19.3	19.9
	8H	18.4	18.7	19.0	19.2	19.8	18.4	18.7	19.0	19.2	19.8
Variation of the observer position for the luminaire distance S											
S = 1.0H		5.4 / -8.6					5.4 / -8.6				
S = 1.5H		8.1 / -13.2					8.1 / -13.2				
S = 2.0H		10.0 / -13.6					10.0 / -13.6				
Standard table		n/a					n/a				
Correction summand		n/a					n/a				
Corrected glare indices referring to 4565 lm total luminous flux											