

Light efficiency:

79 Lumen/Watt

Color temperature:

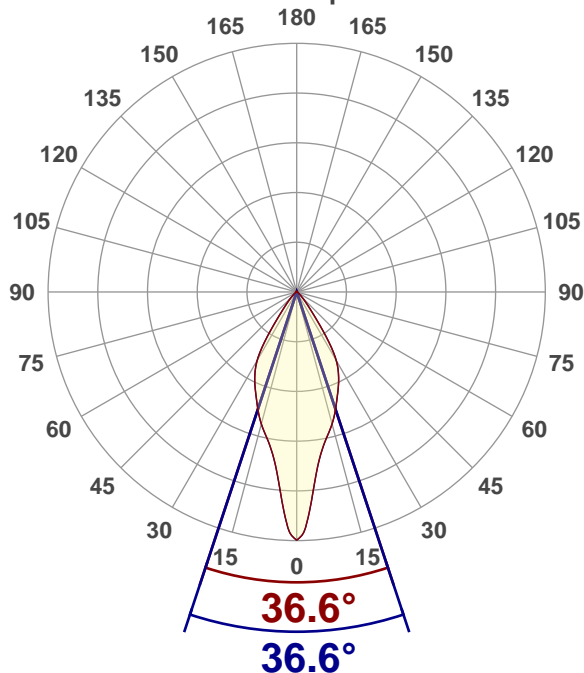
4067 K

Light quality:

CRI:90.6, R_g:90.9, R_f:98.1**P: 2 / V: - / F: 3****Output: 4534 lm****Peak: 8190 cd****Power: 57.1 W****Voltage: 119 V****Current: 0.479 A****PF: 1.0****THD: 5.51 %**

Angular Distribution

0° and 90° plane



Product name:

GEN06-4040-WSxxxx

Test Date:

2020-10-13

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

36.6°

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

74.9°

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

93.7°

Beam Details

*measured at centre of beam

Mounting Height (feet)/(meter)	Lux*	Footcandles*	Beam width (feet) / (meter)
4 ft / 1.2 m	5510 lx	512 fc	2.6 ft / 0.8 m
8 ft / 2.4 m	1378 lx	128 fc	5.3 ft / 1.6 m
12 ft / 3.7 m	612 lx	57 fc	7.9 ft / 2.4 m
16 ft / 4.9 m	344 lx	32 fc	10.6 ft / 3.2 m
20 ft / 6.1 m	220 lx	20 fc	13.2 ft / 4 m

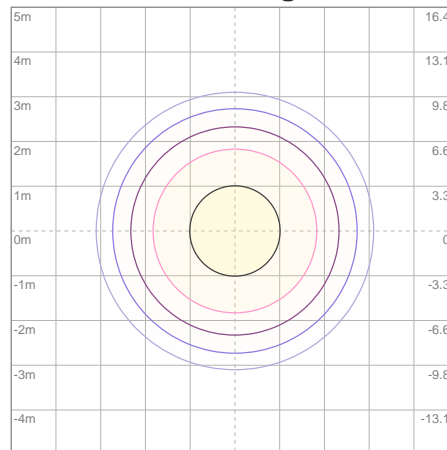
Beam center

Photometric Testing Report

Zonal Lumen Summary

Zone	Lumen	%Luminaire
0-30	3334	73.53%
0-40	4199	92.61%
0-60	4482	98.85%
60-90	15.0	0.33%
70-100	11.5	0.25%
90-120	11.3	0.25%
0-90	4497	99.18%
90-180	37.2	0.82%
0-180	4534	100.00%

ISO Lux Diagram



Lux at center:	880 lx
3%	26.40 lx
5%	44.00 lx
10%	88.00 lx
30%	264.00 lx
50%	440.00 lx

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

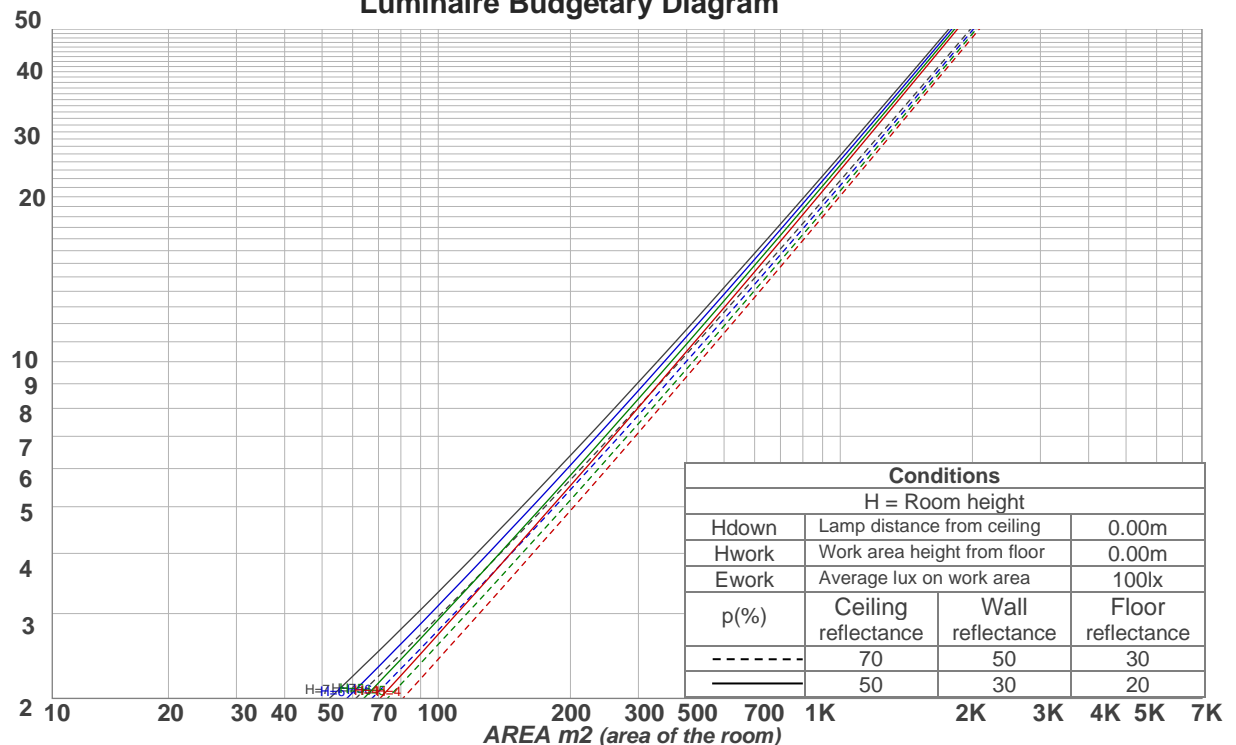
Mounting height: 3.05 meters (10 feet)

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	103	101	100	99	98	97	96	95	93
2	108	103	99	96	106	101	98	95	98	95	93	95	93	90	92	90	89	87
3	103	96	92	88	101	95	91	87	92	89	85	90	87	84	87	85	83	81
4	98	90	85	81	96	89	84	80	87	83	79	85	81	78	83	80	77	76
5	93	85	79	75	91	84	78	74	82	77	74	80	76	73	79	75	72	71
6	88	80	74	70	87	79	73	69	77	73	69	76	72	68	74	71	68	66
7	84	75	69	65	83	74	69	65	73	68	65	72	67	64	71	67	64	62
8	80	71	65	61	79	70	65	61	69	64	61	68	64	60	67	63	60	59
9	77	67	61	58	75	67	61	57	66	61	57	65	60	57	64	60	57	55
10	73	64	58	54	72	63	58	54	62	57	54	62	57	54	61	57	54	52

LAMPS (number of lamps)

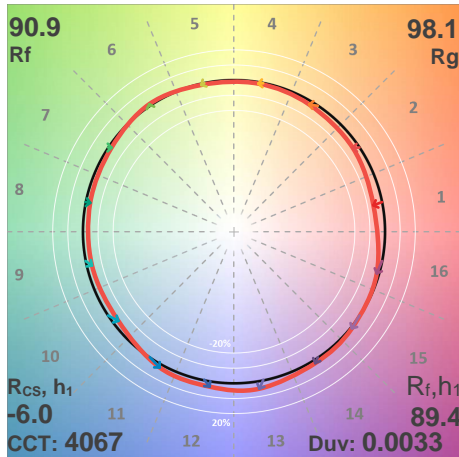
Luminaire Budgetary Diagram



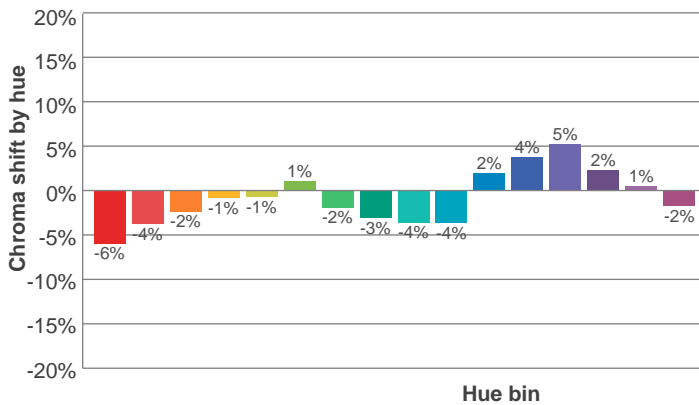
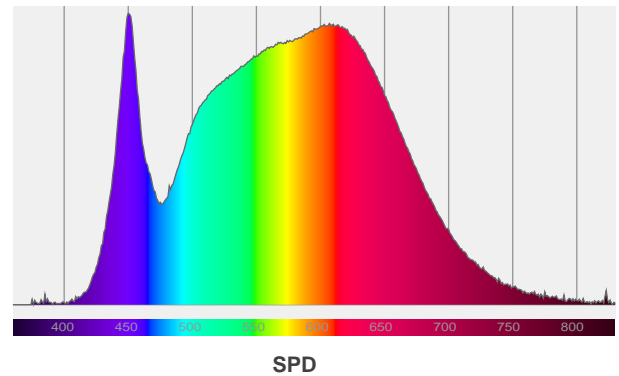
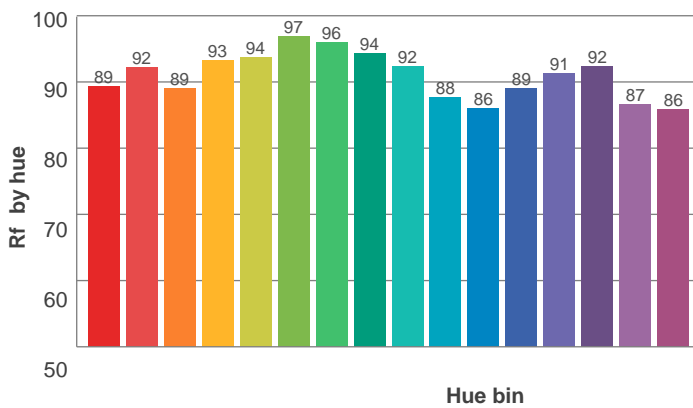
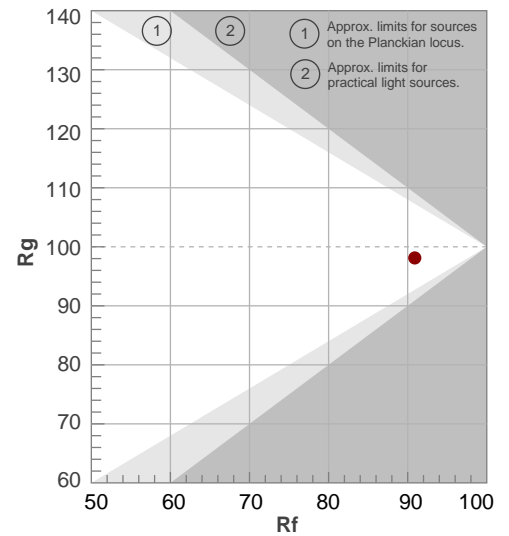
Photometric Testing Report

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%	-4%
15	87	1%	-10%
16	86	-2%	-9%



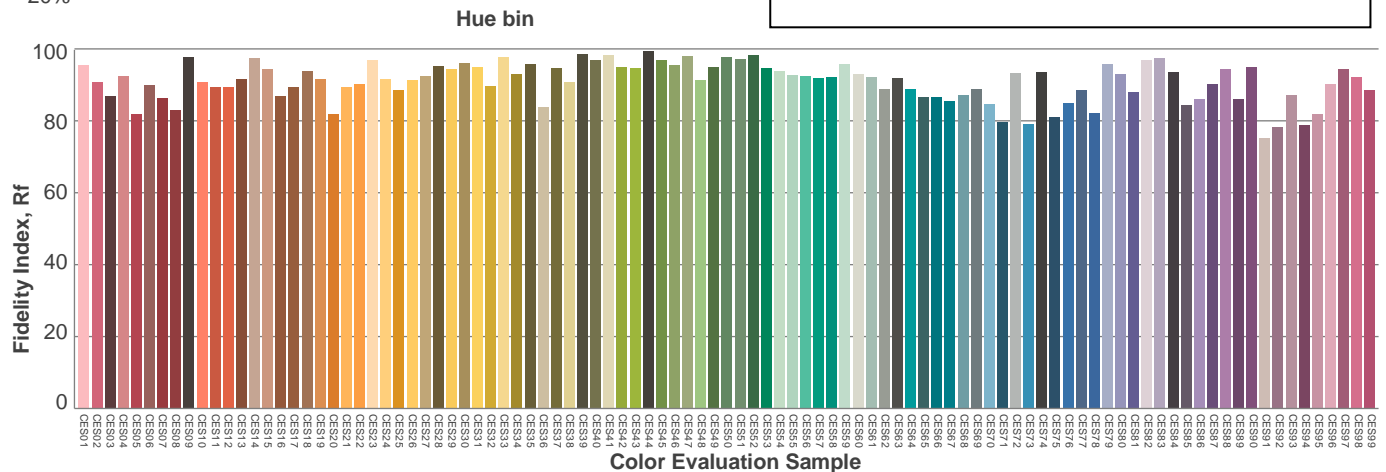
Red: 28.1%, Power=31.1mW

Blue: 12.2%, Power=29.3mW

Green: 29.6%, Power=61.0mW

UVA: 0.1%, Power=1.4mW

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	19.1	19.7	19.2	19.9	20.1	19.1	19.7	19.2	19.9	20.1
	3H	18.8	19.5	19.2	19.7	19.9	18.8	19.5	19.2	19.7	19.9
	4H	18.7	19.4	19.1	19.7	19.9	18.7	19.4	19.1	19.7	19.9
	6H	18.7	19.3	19.0	19.6	20.0	18.7	19.3	19.0	19.6	20.0
	8H	18.7	19.2	19.0	19.6	20.0	18.7	19.2	19.0	19.6	20.0
	12H	18.6	19.2	19.0	19.5	20.0	18.6	19.2	19.0	19.5	20.0
4H	2H	18.7	19.4	19.1	19.7	19.9	18.7	19.4	19.1	19.7	19.9
	3H	18.6	19.2	19.0	19.5	20.0	18.6	19.2	19.0	19.5	20.0
	4H	18.5	19.0	18.9	19.4	19.9	18.5	19.0	18.9	19.4	19.9
	6H	18.4	18.9	18.9	19.3	19.6	18.4	18.9	18.9	19.3	19.6
	8H	18.3	18.8	18.9	19.2	19.6	18.3	18.8	18.9	19.2	19.6
	12H	18.3	18.7	18.8	19.1	19.6	18.3	18.7	18.8	19.1	19.6
8H	4H	18.3	18.8	18.8	19.2	19.6	18.3	18.8	18.8	19.2	19.6
	6H	18.3	18.6	18.8	19.1	19.6	18.3	18.6	18.8	19.1	19.6
	8H	18.3	18.5	18.8	19.1	19.7	18.3	18.5	18.8	19.1	19.7
	12H	18.2	18.4	18.8	19.0	19.6	18.2	18.4	18.8	19.0	19.6
12H	4H	18.3	18.7	18.8	19.1	19.5	18.3	18.7	18.8	19.1	19.5
	6H	18.3	18.5	18.8	19.1	19.7	18.3	18.5	18.8	19.1	19.7
	8H	18.2	18.4	18.8	19.0	19.6	18.2	18.4	18.8	19.0	19.6
Variation of the observer position for the luminaire distance S											
S = 1.0H		5.5 / -8.7					5.5 / -8.7				
S = 1.5H		8.2 / -12.9					8.2 / -12.9				
S = 2.0H		10.1 / -13.4					10.1 / -13.4				
Standard table		n/a					n/a				
Correction summand		n/a					n/a				
Corrected glare indices referring to 4534 lm total luminous flux											