

Light efficiency:

79 Lumen/Watt

Color temperature:

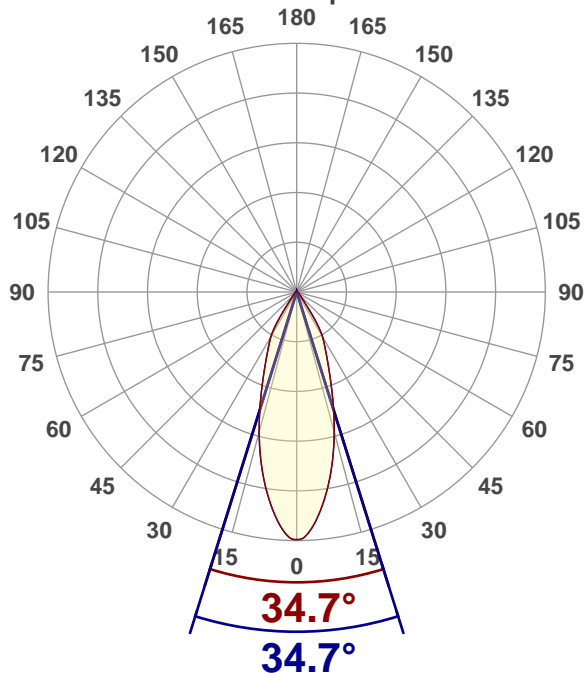
4057 K

Light quality:

CRI:90.6, R_g:90.9, R_f:98.1**P: 2 / V: - / F: 3****Output: 4519 lm****Peak: 9316 cd****Power: 57.1 W****Voltage: 122 V****Current: 0.470 A****PF: 1.0****THD: 5.42 %**

Angular Distribution

0° and 90° plane



Product name:

GEN06-4040-MWHxxx

Test Date:

2020-10-06

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

34.7°

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

69.1°

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

84.5°

Beam Details

*measured at centre of beam

Mounting Height (feet)/(meter)	Lux*	Footcandles*	Beam width (feet) / (meter)
4 ft / 1.2 m	6267 lx	582 fc	2.5 ft / 0.8 m
8 ft / 2.4 m	1567 lx	146 fc	5 ft / 1.5 m
12 ft / 3.7 m	696 lx	65 fc	7.5 ft / 2.3 m
16 ft / 4.9 m	392 lx	36 fc	10 ft / 3.1 m
20 ft / 6.1 m	251 lx	23 fc	12.5 ft / 3.8 m

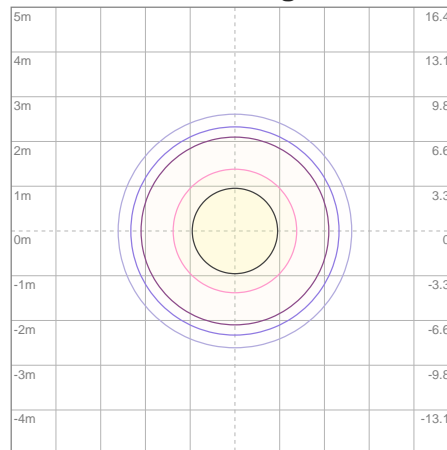
Beam center

Photometric Testing Report

Zonal Lumen Summary

Zone	Lumen	%Luminaire
0-30	3518	77.85%
0-40	4093	90.57%
0-60	4336	95.95%
60-90	146	3.23%
70-100	78.6	1.74%
90-120	11.2	0.25%
0-90	4482	99.18%
90-180	36.7	0.81%
0-180	4519	100.00%

ISO Lux Diagram



Lux at center:	1001 lx
3%	30.03 lx
5%	50.05 lx
10%	100.10 lx
30%	300.30 lx
50%	500.50 lx

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

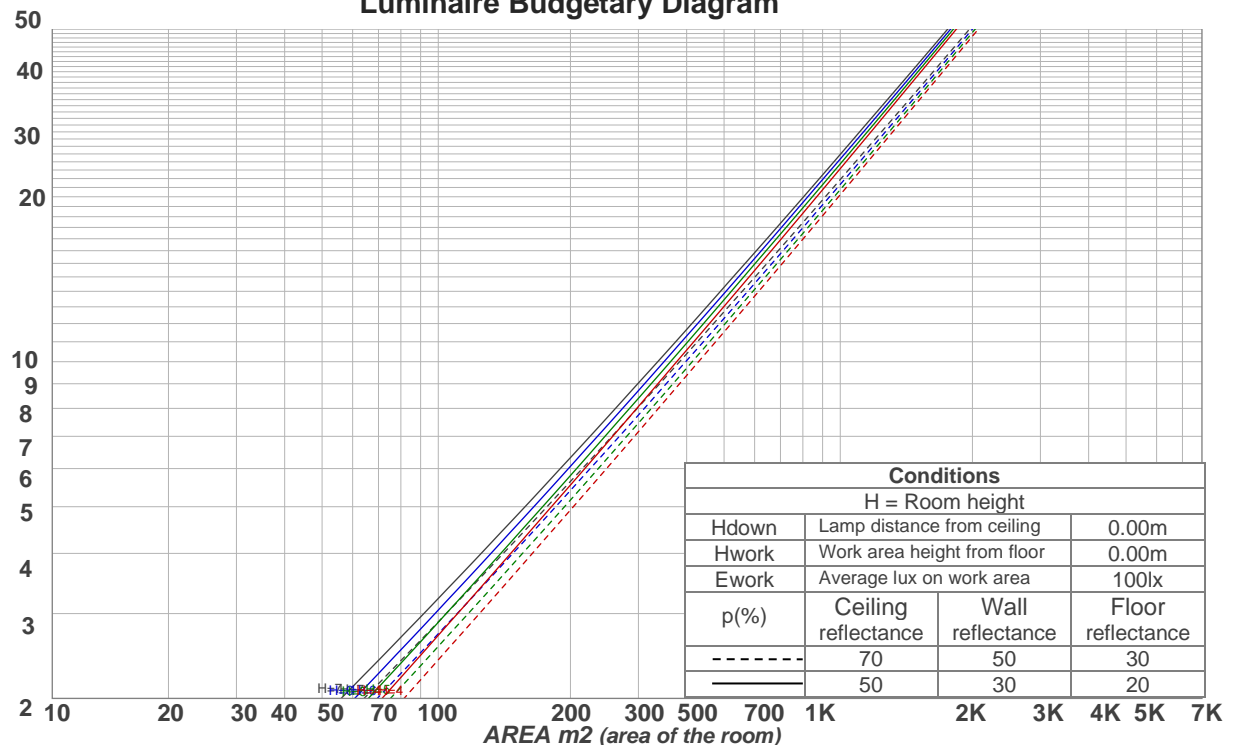
Mounting height: 3.05 meters (10 feet)

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	101	101	101	99
1	113	110	108	106	111	108	106	104	104	102	101	100	99	97	97	95	94	93
2	108	103	99	96	106	101	98	95	98	95	92	95	92	90	92	90	88	87
3	103	97	92	88	101	95	91	87	92	89	86	90	87	84	88	85	83	81
4	98	91	86	81	96	90	85	81	87	83	80	85	82	79	83	80	78	76
5	94	86	80	76	92	85	80	76	83	78	75	81	77	74	80	76	74	72
6	90	81	76	72	88	80	75	71	79	74	71	77	73	70	76	72	70	68
7	86	77	71	68	84	76	71	67	75	70	67	74	70	67	73	69	66	65
8	82	73	68	64	81	73	67	64	72	67	64	71	66	63	70	66	63	62
9	79	70	64	61	78	69	64	61	68	64	60	68	63	60	67	63	60	59
10	76	67	61	58	75	66	61	58	66	61	58	65	60	57	64	60	57	56

LAMPS (number of lamps)

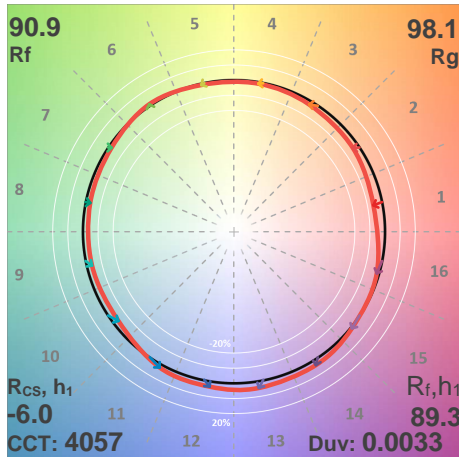
Luminaire Budgetary Diagram



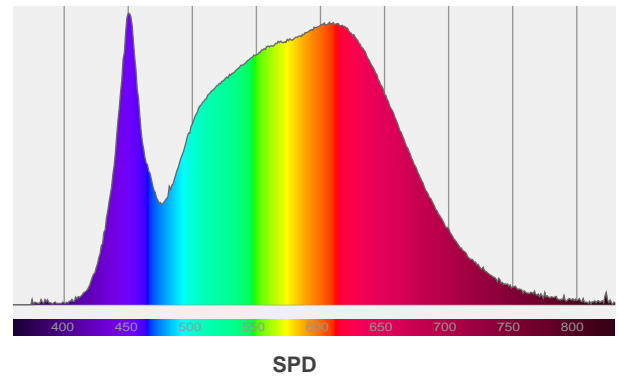
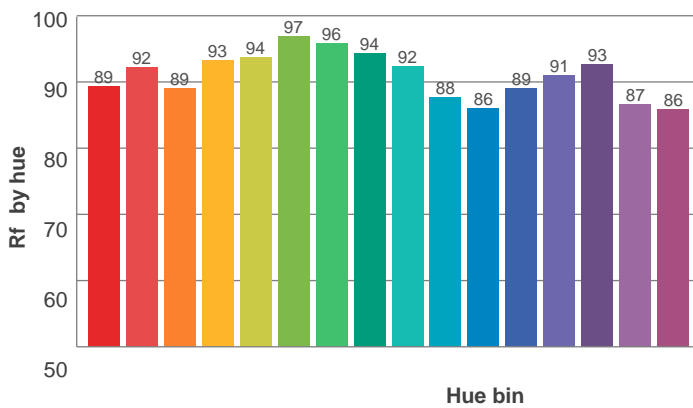
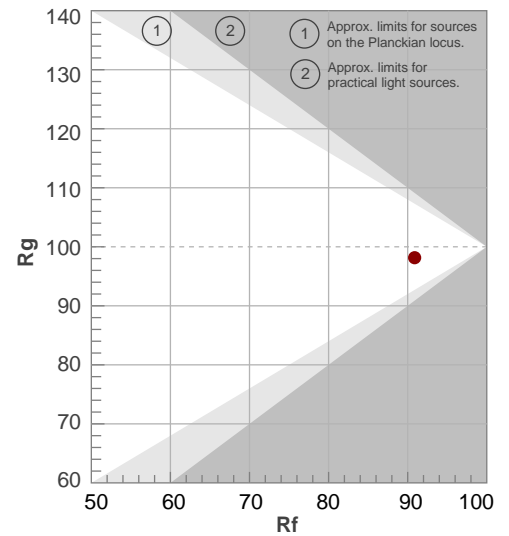
Photometric Testing Report

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	93	4%	-4%
15	87	1%	-10%
16	86	-2%	-9%



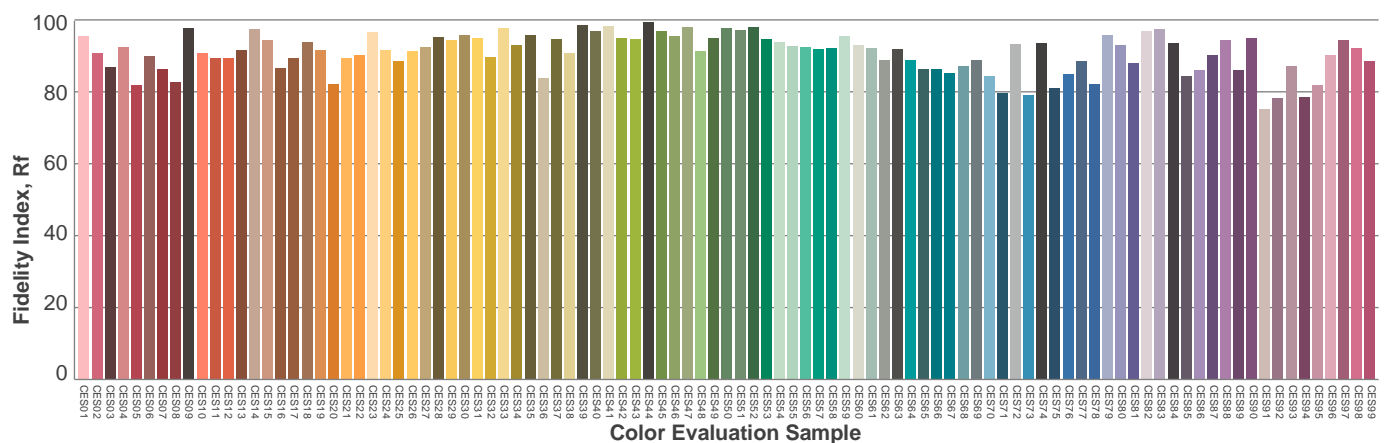
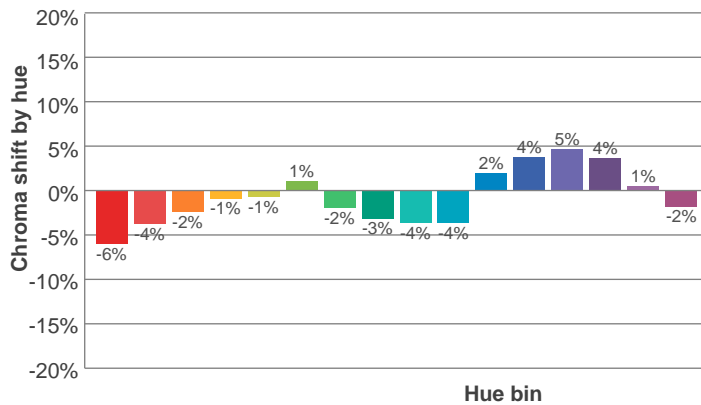
Red: 28.2%, Power=30.9mW

Blue: 12.1%, Power=29.1mW

Green: 29.6%, Power=61.0mW

UVA: 0.1%, Power=1.3mW

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	17.3	17.9	17.4	18.1	18.3	17.3	17.9	17.4	18.1	18.3
	3H	17.8	18.5	18.2	18.8	19.0	17.8	18.5	18.2	18.8	19.0
	4H	18.3	19.0	18.7	19.2	19.5	18.3	19.0	18.7	19.2	19.5
	6H	18.9	19.4	19.2	19.8	20.1	18.9	19.4	19.2	19.8	20.1
	8H	19.1	19.6	19.4	20.0	20.4	19.1	19.6	19.4	20.0	20.4
	12H	19.2	19.8	19.6	20.1	20.6	19.2	19.8	19.6	20.1	20.6
4H	2H	17.3	18.0	17.7	18.2	18.5	17.3	18.0	17.7	18.2	18.5
	3H	18.3	18.8	18.6	19.2	19.6	18.3	18.8	18.6	19.2	19.6
	4H	18.9	19.4	19.3	19.8	20.3	18.9	19.4	19.3	19.8	20.3
	6H	19.6	20.1	20.1	20.5	20.8	19.6	20.1	20.1	20.5	20.8
	8H	19.9	20.4	20.4	20.7	21.1	19.9	20.4	20.4	20.7	21.1
	12H	20.1	20.5	20.6	20.9	21.4	20.1	20.5	20.6	20.9	21.4
8H	4H	19.1	19.6	19.6	20.0	20.4	19.1	19.6	19.6	20.0	20.4
	6H	20.0	20.4	20.6	20.9	21.4	20.0	20.4	20.6	20.9	21.4
	8H	20.5	20.8	21.0	21.3	21.9	20.5	20.8	21.0	21.3	21.9
	12H	20.8	21.1	21.4	21.6	22.2	20.8	21.1	21.4	21.6	22.2
12H	4H	19.1	19.5	19.6	19.9	20.4	19.1	19.5	19.6	19.9	20.4
	6H	20.2	20.4	20.7	21.0	21.6	20.2	20.4	20.7	21.0	21.6
	8H	20.6	20.8	21.2	21.4	22.0	20.6	20.8	21.2	21.4	22.0
Variation of the observer position for the luminaire distance S											
S = 1.0H		2.1 / -0.7					2.1 / -0.7				
S = 1.5H		3.9 / -0.8					3.9 / -0.8				
S = 2.0H		5.5 / -0.9					5.5 / -0.9				
Standard table		n/a					n/a				
Correction summand		n/a					n/a				
Corrected glare indices referring to 4519 lm total luminous flux											