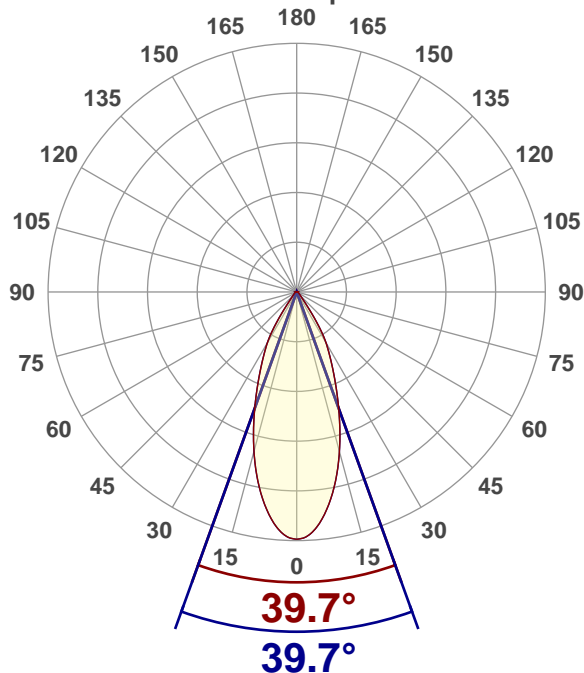


Light efficiency:**82 Lumen/Watt****Color temperature:****4025 K****Light quality:****CRI:90.8, R_g:90.1, R_f:97.0****P: 2 / V: - / F: 3****Output: 8658 lm****Peak: 15761 cd****Power: 105.3 W****Voltage: 120 V****Current: 0.882 A****PF: 1.0****THD: 9.8 %****Angular Distribution****0° and 90° plane****Product name:****GEN06-9040-MWHxxx****Test Date:****2020-09-22****Beam Angle (50% of the brightness of the centre):****39.7°****Field Angle (10% of the brightness of the centre):****70.5°****Cut Off Angle (2.5% of the brightness of the centre):****87.2°****Beam Details*****measured at centre of beam**

Mounting Height (feet)/(meter)	Lux*	Footcandles*	Beam width (feet) / (meter)
4 ft / 1.2 m	10603 lx	985 fc	2.9 ft / 0.9 m
8 ft / 2.4 m	2651 lx	246 fc	5.8 ft / 1.8 m
12 ft / 3.7 m	1178 lx	109 fc	8.7 ft / 2.6 m
16 ft / 4.9 m	663 lx	62 fc	11.5 ft / 3.5 m
20 ft / 6.1 m	424 lx	39 fc	14.4 ft / 4.4 m

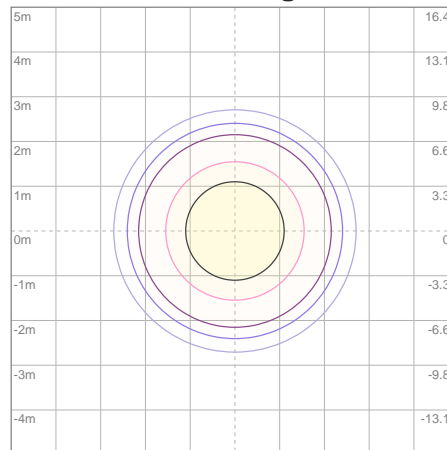
Beam center

Photometric Testing Report

Zonal Lumen Summary

Zone	Lumen	%Luminaire
0-30	6782	78.33%
0-40	7908	91.34%
0-60	8366	96.63%
60-90	248	2.86%
70-100	125	1.44%
90-120	11.1	0.13%
0-90	8615	99.50%
90-180	43.4	0.50%
0-180	8658	100.00%

ISO Lux Diagram



Lux at center:	1694 lx
3%	50.82 lx
5%	84.70 lx
10%	169.40 lx
30%	508.20 lx
50%	847.00 lx

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

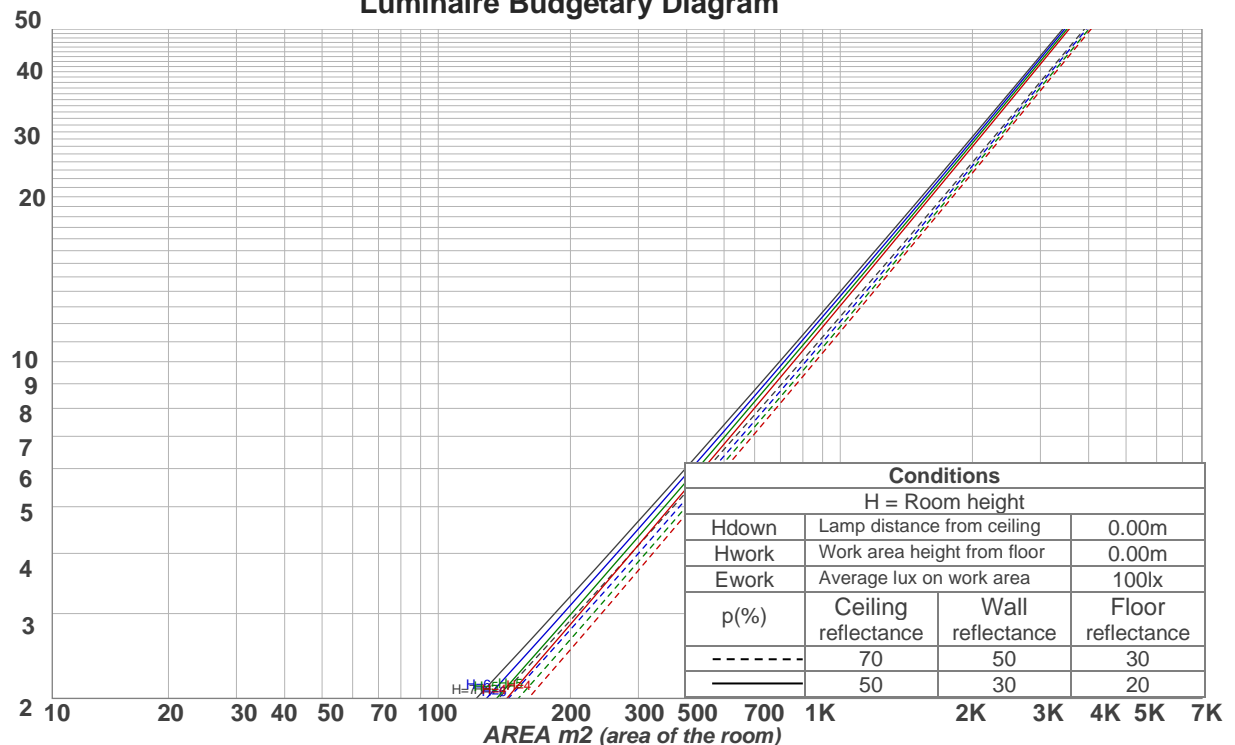
Mounting height: 3.05 meters (10 feet)

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

LAMPS (number of lamps)

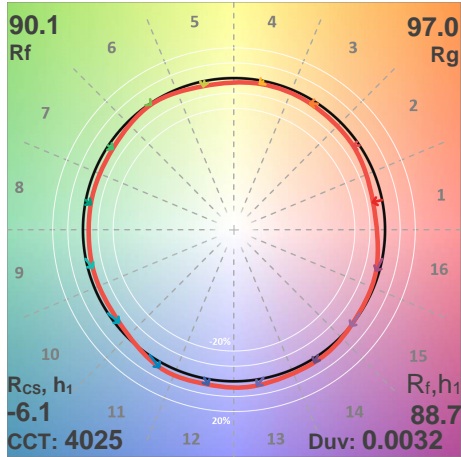
Luminaire Budgetary Diagram



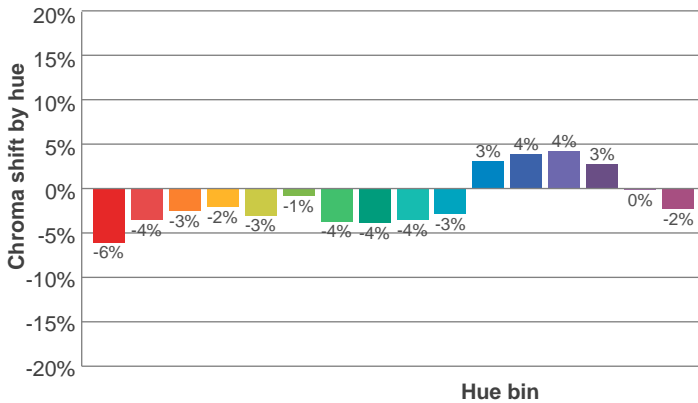
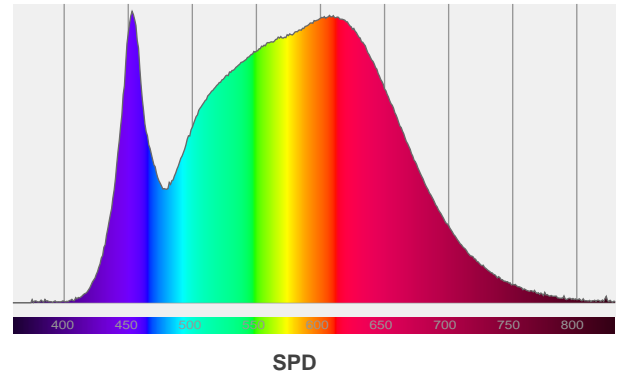
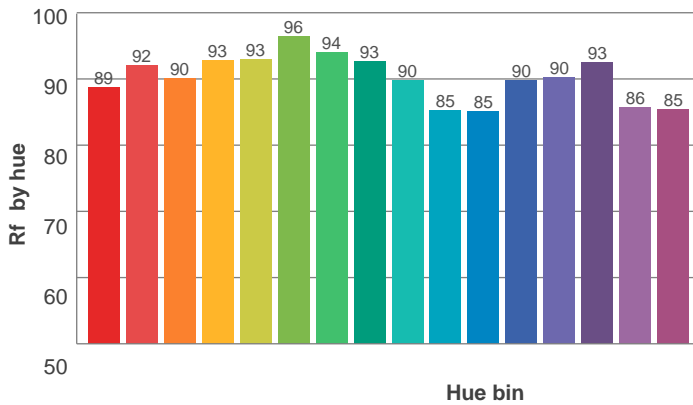
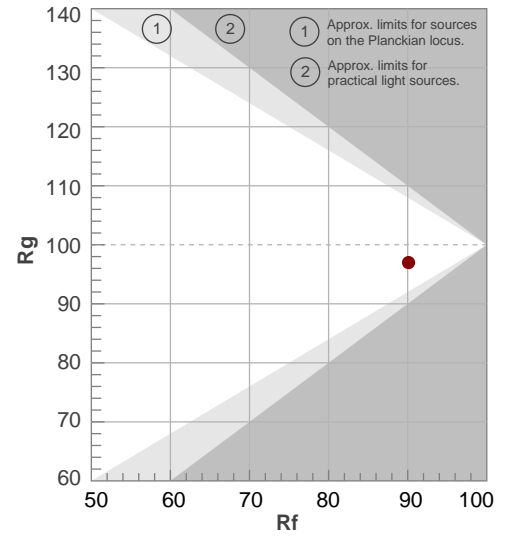
Photometric Testing Report

ANSI/IES TM-30-18

P: 2 / V: - / F: 3



Hue Bin	R _f	Shifts (%)	
		Chroma	Hue
1	89	-6%	0%
2	92	-4%	2%
3	90	-3%	4%
4	93	-2%	2%
5	93	-3%	1%
6	96	-1%	0%
7	94	-4%	0%
8	93	-4%	2%
9	90	-4%	7%
10	85	-3%	9%
11	85	3%	10%
12	90	4%	3%
13	90	4%	-5%
14	93	3%	-4%
15	86	0%	-10%
16	85	-2%	-8%



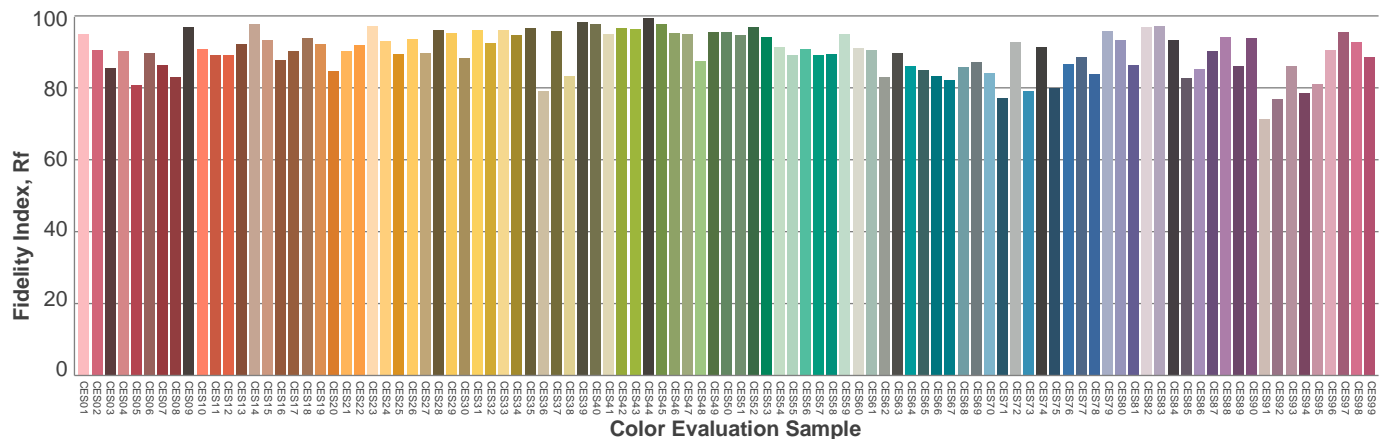
Red: 28.5%, Power=0.060W

Blue: 13.2%, Power=0.067W

Green: 29.4%, Power=0.117W

UVA: 0.1%, Power=0.002W

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	19.5	20.1	19.6	20.4	20.6	19.5	20.1	19.6	20.4	20.6
	3H	19.9	20.7	20.3	20.9	21.1	19.9	20.7	20.3	20.9	21.1
	4H	20.3	21.0	20.7	21.3	21.5	20.3	21.0	20.7	21.3	21.5
	6H	20.8	21.3	21.1	21.6	22.0	20.8	21.3	21.1	21.6	22.0
	8H	20.9	21.5	21.2	21.8	22.2	20.9	21.5	21.2	21.8	22.2
	12H	21.0	21.5	21.3	21.9	22.3	21.0	21.5	21.3	21.9	22.3
4H	2H	19.5	20.2	19.9	20.4	20.7	19.5	20.2	19.9	20.4	20.7
	3H	20.3	20.9	20.7	21.2	21.7	20.3	20.9	20.7	21.2	21.7
	4H	20.8	21.3	21.2	21.7	22.3	20.8	21.3	21.2	21.7	22.3
	6H	21.3	21.9	21.8	22.2	22.6	21.3	21.9	21.8	22.2	22.6
	8H	21.5	22.0	22.1	22.4	22.8	21.5	22.0	22.1	22.4	22.8
	12H	21.7	22.1	22.2	22.5	23.0	21.7	22.1	22.2	22.5	23.0
8H	4H	21.0	21.5	21.5	21.8	22.2	21.0	21.5	21.5	21.8	22.2
	6H	21.7	22.0	22.2	22.5	23.1	21.7	22.0	22.2	22.5	23.1
	8H	22.1	22.3	22.6	22.9	23.5	22.1	22.3	22.6	22.9	23.5
	12H	22.3	22.5	22.9	23.0	23.6	22.3	22.5	22.9	23.0	23.6
12H	4H	21.0	21.4	21.5	21.8	22.3	21.0	21.4	21.5	21.8	22.3
	6H	21.8	22.1	22.3	22.6	23.2	21.8	22.1	22.3	22.6	23.2
	8H	22.1	22.4	22.7	22.9	23.5	22.1	22.4	22.7	22.9	23.5
Variation of the observer position for the luminaire distance S											
S = 1.0H		2.5 / -0.9					2.5 / -0.9				
S = 1.5H		4.5 / -1.1					4.5 / -1.1				
S = 2.0H		6.2 / -1.3					6.2 / -1.3				
Standard table		n/a					n/a				
Correction summand		n/a					n/a				
Corrected glare indices referring to 8658 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.