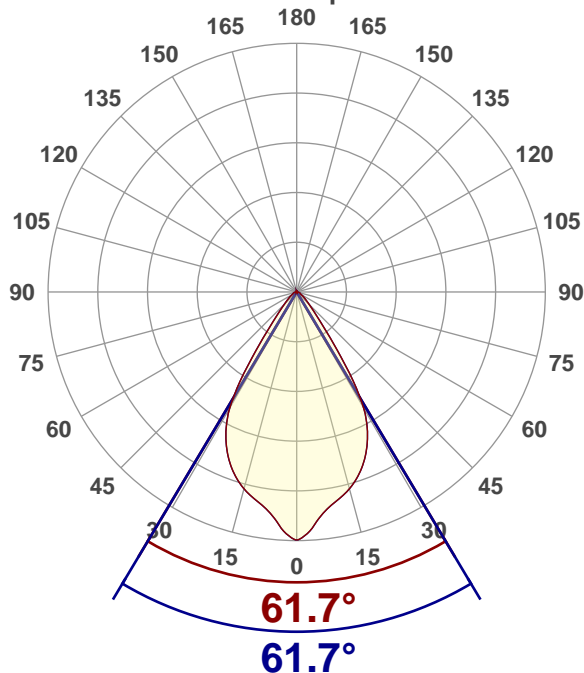


Light efficiency:**79 Lumen/Watt****Color temperature:****4063 K****Light quality:****CRI:90.7, R_g:90.9, R_f:98.1****P: 2 / V: - / F: 3****Output: 4529 lm****Peak: 4834 cd****Power: 57.1 W****Voltage: 120 V****Current: 0.478 A****PF: 1.0****THD: 5.36 %****Angular Distribution****0° and 90° plane****Product name:****GEN06-4040-WWHxxx****Test Date:****2020-10-07****Beam Angle (50% of the brightness of the centre):
61.7°****Field Angle (10% of the brightness of the centre):
83.8°****Cut Off Angle (2.5% of the brightness of the centre):
115.6°****Beam Details*****measured at centre of beam**

Mounting Height (feet)/(meter)	Lux*	Footcandles*	Beam width (feet) / (meter)
4 ft / 1.2 m	3252 lx	302 fc	4.8 ft / 1.5 m
8 ft / 2.4 m	813 lx	76 fc	9.6 ft / 2.9 m
12 ft / 3.7 m	361 lx	34 fc	14.3 ft / 4.4 m
16 ft / 4.9 m	203 lx	19 fc	19.1 ft / 5.8 m
20 ft / 6.1 m	130 lx	12 fc	23.9 ft / 7.3 m

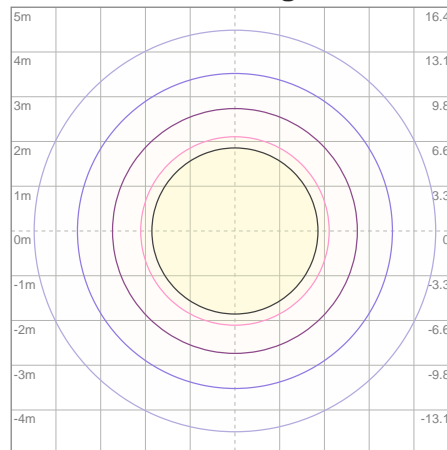
Beam center

Photometric Testing Report

Zonal Lumen Summary

Zone	Lumen	%Luminaire
0-30	3014	66.55%
0-40	3906	86.24%
0-60	4328	95.56%
60-90	164	3.62%
70-100	87.5	1.93%
90-120	12.2	0.27%
0-90	4492	99.18%
90-180	36.6	0.81%
0-180	4529	100.00%

ISO Lux Diagram



Mounting height: 3.05 meters (10 feet)

Lux at center:	520 lx
3%	15.60 lx
5%	26.00 lx
10%	52.00 lx
30%	156.00 lx
50%	260.00 lx

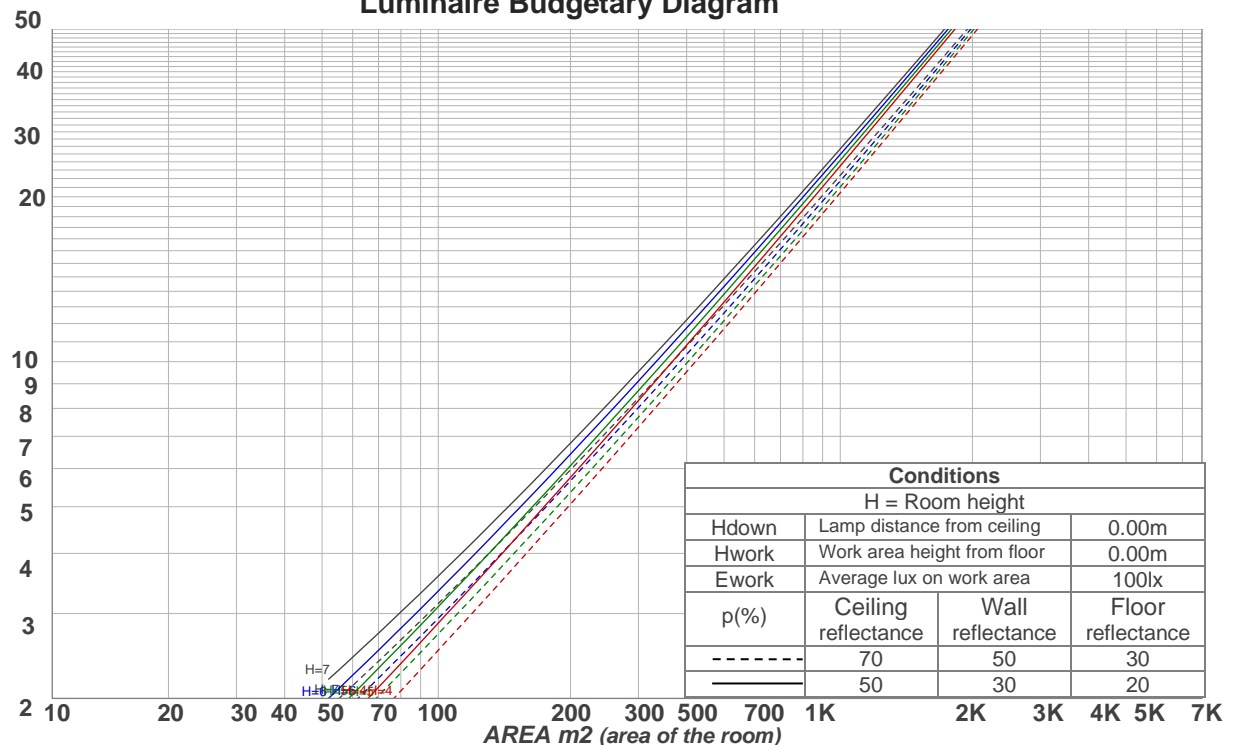
Conditions:
Number of planes: 8
Lux distribution on a surface when lamp is mounted at 3.05 meters from the surface.

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	109	107	104	110	107	105	102	103	101	99	99	98	96	96	94	93	91
2	106	101	97	93	104	99	95	92	96	92	90	93	90	88	90	88	86	84
3	101	94	88	84	98	92	87	83	89	85	82	87	83	80	84	81	79	77
4	95	87	81	76	93	86	80	76	83	79	75	81	77	74	79	76	73	71
5	90	81	75	70	88	80	74	70	78	73	69	76	72	68	75	71	68	66
6	85	76	69	65	84	75	69	64	73	68	64	72	67	63	70	66	63	61
7	81	71	65	60	79	70	64	60	69	63	59	67	63	59	66	62	59	57
8	77	67	60	56	75	66	60	56	65	59	56	64	59	55	63	58	55	53
9	73	63	57	52	72	62	56	52	61	56	52	60	55	52	59	55	52	50
10	69	59	53	49	68	59	53	49	58	52	49	57	52	49	56	52	48	47

LAMPS (number of lamps)

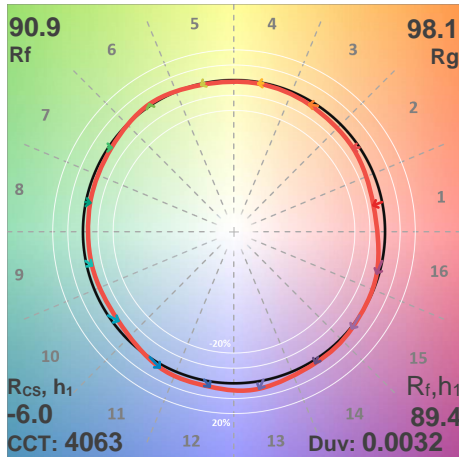
Luminaire Budgetary Diagram



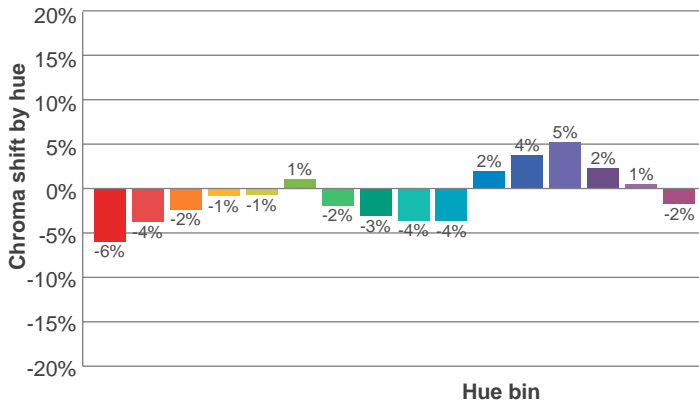
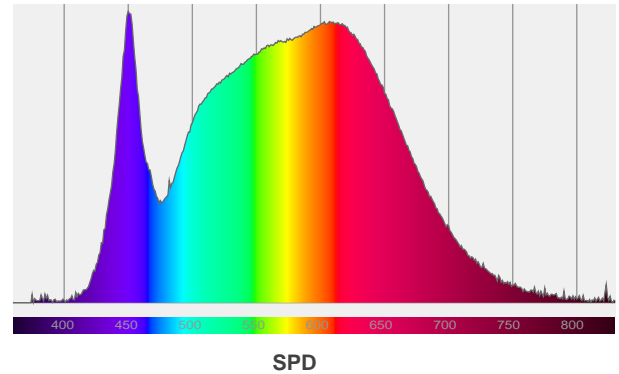
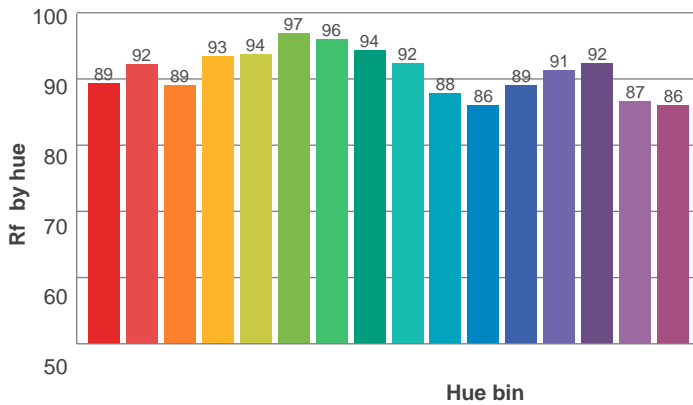
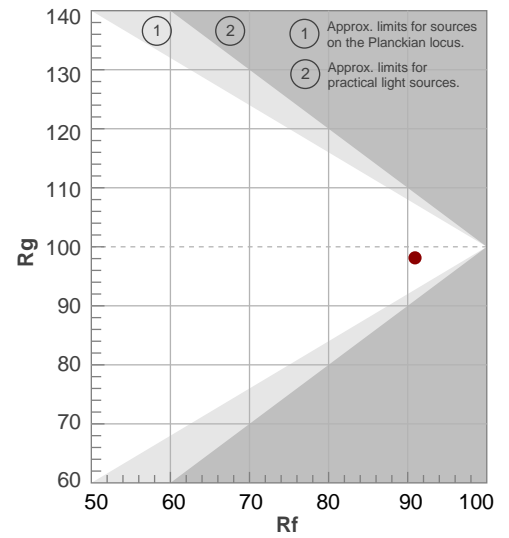
Photometric Testing Report

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%



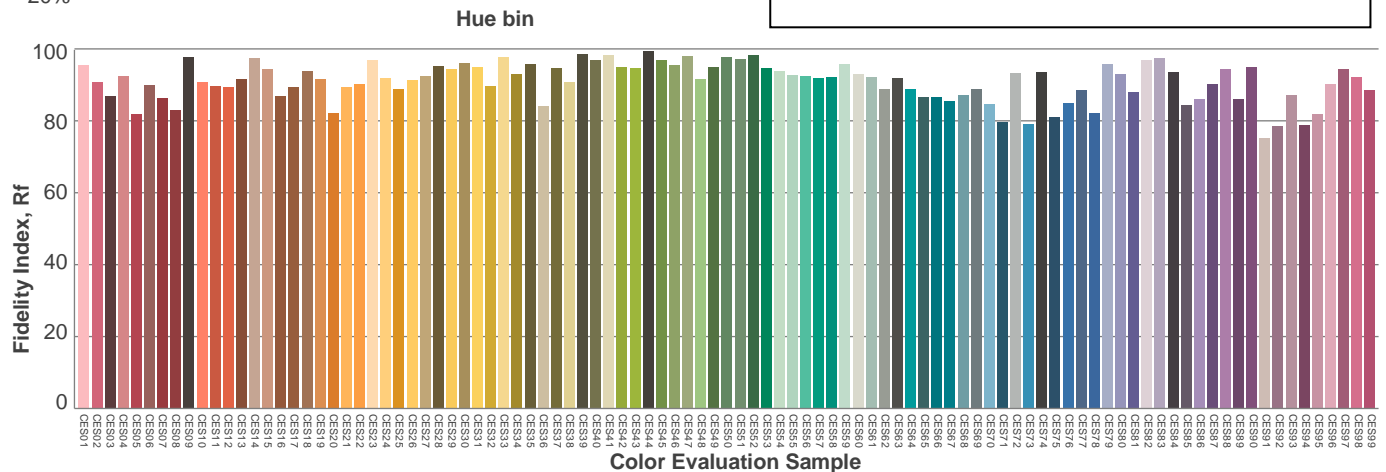
Red: 28.2%, Power=31.1mW

Blue: 12.1%, Power=29.1mW

Green: 29.6%, Power=61.0mW

UVA: 0.1%, Power=2.1mW

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	20.2	20.9	20.3	21.2	21.4	20.2	20.9	20.3	21.2	21.4
	3H	20.4	21.2	20.8	21.4	21.6	20.4	21.2	20.8	21.4	21.6
	4H	20.6	21.4	21.0	21.7	21.9	20.6	21.4	21.0	21.7	21.9
	6H	21.0	21.7	21.3	22.0	22.3	21.0	21.7	21.3	22.0	22.3
	8H	21.1	21.8	21.4	22.1	22.5	21.1	21.8	21.4	22.1	22.5
	12H	21.2	21.8	21.5	22.2	22.6	21.2	21.8	21.5	22.2	22.6
4H	2H	20.1	20.9	20.5	21.1	21.4	20.1	20.9	20.5	21.1	21.4
	3H	20.6	21.2	21.0	21.6	22.0	20.6	21.2	21.0	21.6	22.0
	4H	20.9	21.5	21.4	22.0	22.5	20.9	21.5	21.4	22.0	22.5
	6H	21.4	22.0	21.9	22.3	22.7	21.4	22.0	21.9	22.3	22.7
	8H	21.6	22.1	22.1	22.5	22.9	21.6	22.1	22.1	22.5	22.9
	12H	21.7	22.2	22.2	22.6	23.1	21.7	22.2	22.2	22.6	23.1
8H	4H	21.1	21.6	21.6	22.0	22.4	21.1	21.6	21.6	22.0	22.4
	6H	21.7	22.1	22.2	22.5	23.1	21.7	22.1	22.2	22.5	23.1
	8H	22.0	22.3	22.6	22.9	23.5	22.0	22.3	22.6	22.9	23.5
	12H	22.3	22.5	22.9	23.1	23.7	22.3	22.5	22.9	23.1	23.7
12H	4H	21.1	21.5	21.6	21.9	22.4	21.1	21.5	21.6	21.9	22.4
	6H	21.8	22.1	22.3	22.6	23.3	21.8	22.1	22.3	22.6	23.3
	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 / -1.2					2.5 / -1.2				
S = 1.5H		4.6 / -1.5					4.6 / -1.5				
S = 2.0H		6.3 / -1.7					6.3 / -1.7				
Standard table		n/a					n/a				
Correction summand		n/a					n/a				
Corrected glare indices referring to 4529 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.