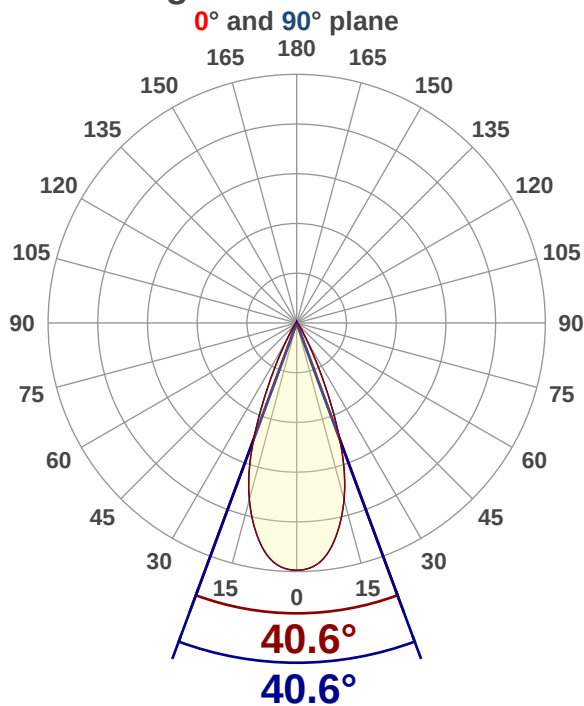


Light efficiency:**81 Lumen/Watt****Color temperature:****2861 K****Light quality:****CRI:93.4, R_g:90.5, R_f:102.5****P: 2 / V: - / F: 2****Output: 1612 lm****Peak: 3523 cd****Power: 19.9 W****Voltage: 120 V****Current: 0.166 A****PF: 0.9****THD: n/a %****Angular Distribution****Product name:****H3x-15DWD00xxxxxx****Test Date:****2022-05-03****Beam Angle (50% of the brightness of the centre):****40.6°****Field Angle (10% of the brightness of the centre):****59°****Cut Off Angle (2.5% of the brightness of the centre):****76.2°****Beam Details****measured at centre of beam*

Mounting Height (feet)/(meter)	Lux*	Footcandles*	Beam width (feet) / (meter)
4 ft / 1.2 m	2370 lx	220 fc	3 ft / 0.9 m
8 ft / 2.4 m	593 lx	55 fc	5.9 ft / 1.8 m
12 ft / 3.7 m	263 lx	24 fc	8.9 ft / 2.7 m
16 ft / 4.9 m	148 lx	14 fc	11.9 ft / 3.6 m
20 ft / 6.1 m	95 lx	9 fc	14.8 ft / 4.5 m

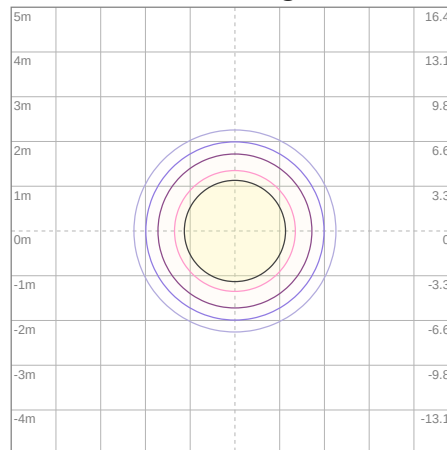
Beam center

Photometric Testing Report

Zonal Lumen Summary

Zone	Lumen	%Luminaire
0-30	1440	89.33%
0-40	1533	95.10%
0-60	1594	98.88%
60-90	16.2	1.00%
70-100	8.43	0.52%
90-120	1.84	0.11%
0-90	1610	99.88%
90-180	1.84	0.11%
0-180	1612	100.00%

ISO Lux Diagram



Mounting height: 3.05 meters (10 feet)

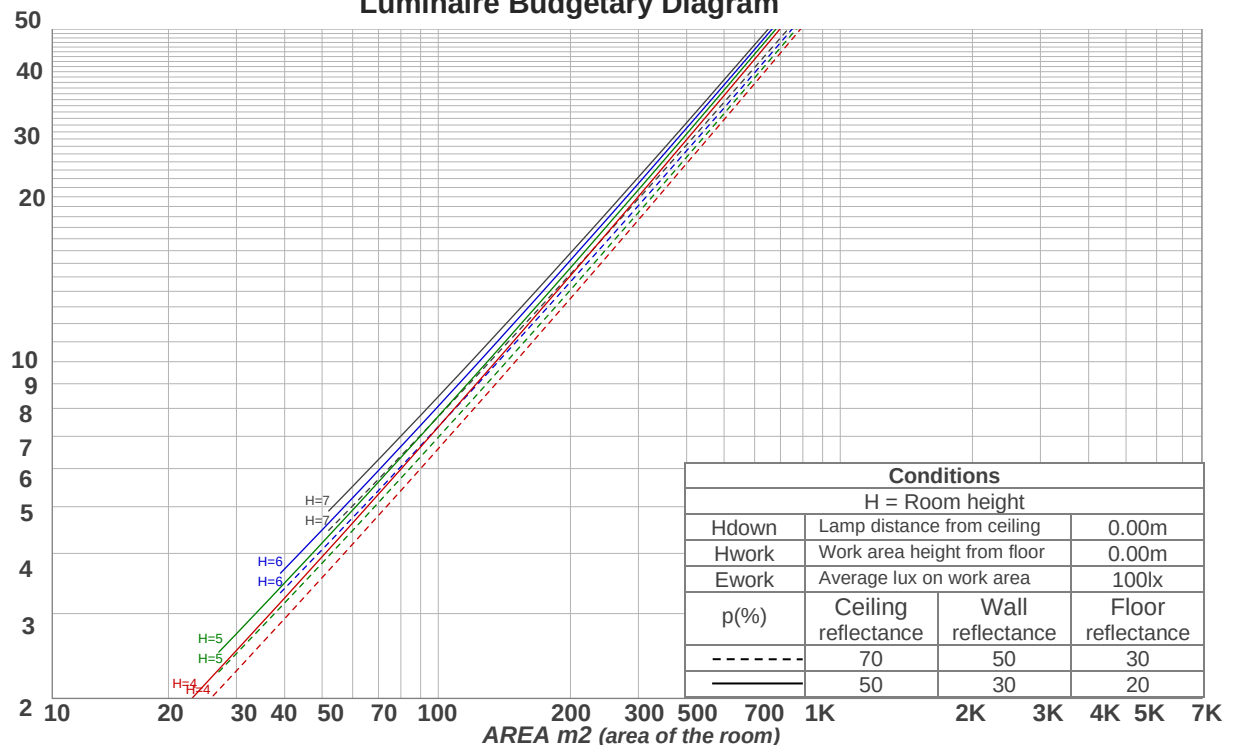
Lux at center:	379 lx
3%	11.37 lx
5%	18.95 lx
10%	37.90 lx
30%	113.70 lx
50%	189.50 lx
Conditions: Number of planes: 8 Lux distribution on a surface when lamp is mounted at 3.05 meters from the surface.	

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	102	102	102	100
1	114	112	110	108	112	110	108	106	106	104	103	102	101	99	98	97	97	95
2	110	105	102	99	107	104	100	98	100	98	96	97	95	94	95	93	92	90
3	105	100	95	92	103	98	94	91	96	92	90	93	91	88	91	89	87	86
4	101	95	90	86	99	94	89	86	91	88	85	90	86	84	88	85	83	82
5	97	90	85	82	96	89	85	81	87	84	80	86	82	80	84	81	79	78
6	93	86	81	77	92	85	81	77	84	80	77	82	79	76	81	78	76	74
7	90	82	77	74	89	82	77	74	80	76	73	79	76	73	78	75	72	71
8	87	79	74	70	86	78	74	70	77	73	70	76	73	70	75	72	69	68
9	84	76	71	67	83	75	71	67	74	70	67	74	70	67	73	69	67	66
10	81	73	68	65	80	72	68	65	72	67	64	71	67	64	70	67	64	63

LAMPS (number of lamps)

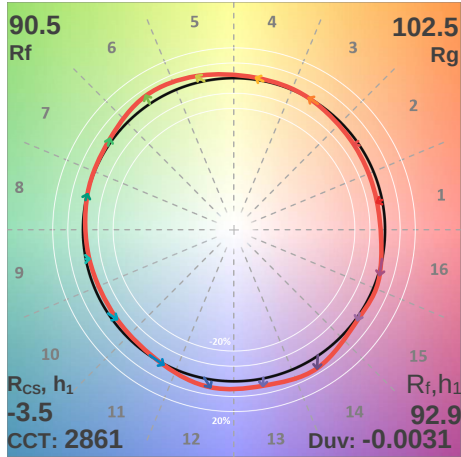
Luminaire Budgetary Diagram



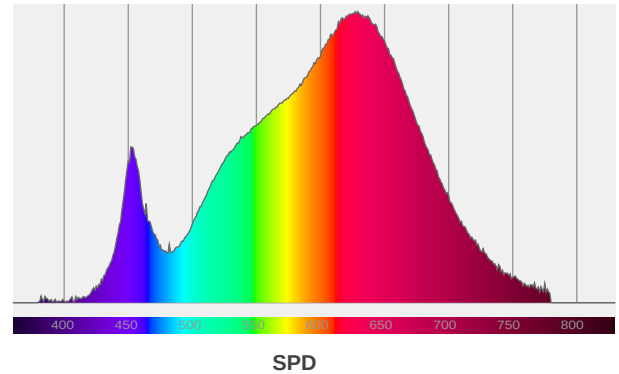
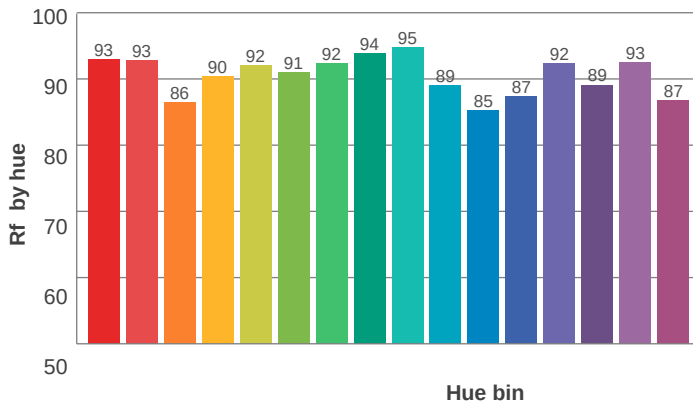
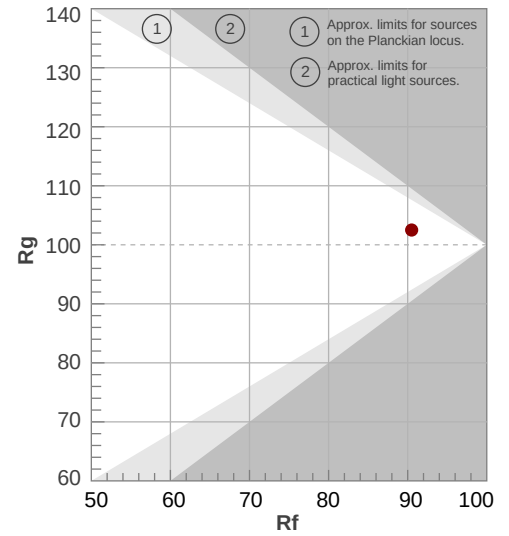
Photometric Testing Report

ANSI/IES TM-30-18

P: 2 / V: - / F: 2



Hue Bin	R _f	Shifts (%)	
		Chroma	Hue
1	93	-4%	-1%
2	93	-3%	3%
3	86	0%	7%
4	90	1%	5%
5	92	4%	4%
6	91	6%	-1%
7	92	1%	-4%
8	94	-1%	-4%
9	95	-2%	0%
10	89	-3%	6%
11	85	0%	11%
12	87	5%	5%
13	92	5%	-1%
14	89	7%	-5%
15	93	1%	-4%
16	87	1%	-11%



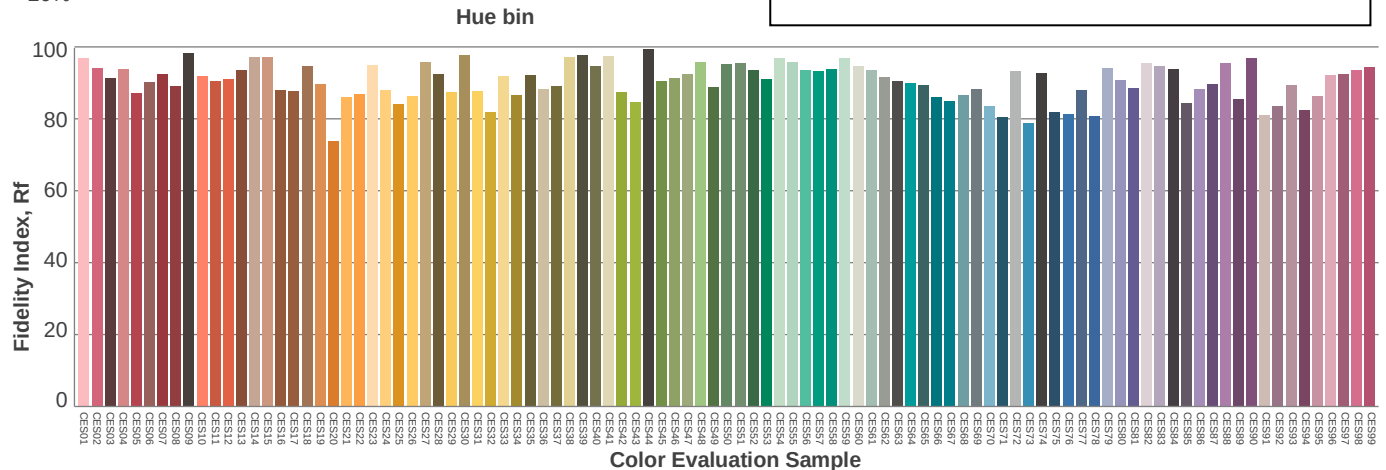
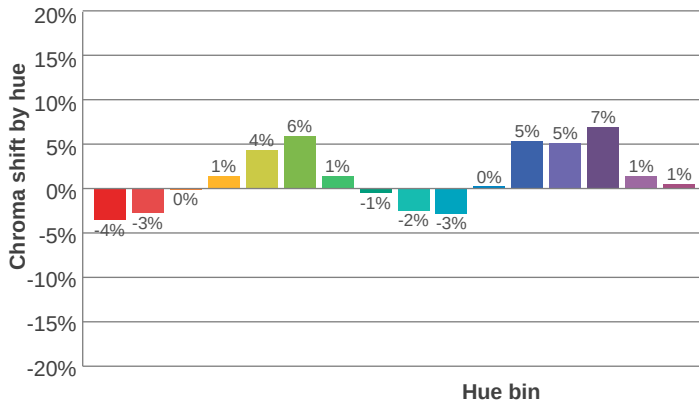
Red: 41.8%, Power=19.7mW

Blue: 7.7%, Power=8.1mW

Green: 22.6%, Power=19.6mW

UVA: 0.1%, Power=0.0mW

Dominant Wavelength: 585nm

1st Peak Wavelength: 629nm2nd Peak Wavelength: 452nm

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	13.7	14.2	13.8	14.4	14.6	13.7	14.2	13.8	14.4	14.6
	3H	13.6	14.3	14.0	14.5	14.6	13.6	14.3	14.0	14.5	14.6
	4H	13.6	14.3	14.0	14.5	14.7	13.6	14.3	14.0	14.5	14.7
	6H	13.8	14.3	14.0	14.6	14.9	13.8	14.3	14.0	14.6	14.9
	8H	13.8	14.3	14.1	14.6	15.0	13.8	14.3	14.1	14.6	15.0
	12H	13.9	14.4	14.3	14.8	15.2	13.9	14.4	14.3	14.8	15.2
4H	2H	13.6	14.2	14.0	14.4	14.7	13.6	14.2	14.0	14.4	14.7
	3H	13.8	14.3	14.1	14.6	15.0	13.8	14.3	14.1	14.6	15.0
	4H	13.8	14.2	14.2	14.6	15.1	13.8	14.2	14.2	14.6	15.1
	6H	13.9	14.4	14.4	14.7	15.1	13.9	14.4	14.4	14.7	15.1
	8H	14.0	14.5	14.5	14.8	15.2	14.0	14.5	14.5	14.8	15.2
	12H	14.2	14.6	14.7	15.0	15.5	14.2	14.6	14.7	15.0	15.5
8H	4H	13.7	14.2	14.2	14.5	14.9	13.7	14.2	14.2	14.5	14.9
	6H	13.9	14.2	14.4	14.7	15.2	13.9	14.2	14.4	14.7	15.2
	8H	14.2	14.4	14.7	15.0	15.6	14.2	14.4	14.7	15.0	15.6
	12H	14.6	14.8	15.2	15.3	15.9	14.6	14.8	15.2	15.3	15.9
12H	4H	13.7	14.0	14.2	14.4	14.9	13.7	14.0	14.2	14.4	14.9
	6H	14.0	14.2	14.5	14.8	15.4	14.0	14.2	14.5	14.8	15.4
	8H	14.3	14.5	14.8	15.0	15.6	14.3	14.5	14.8	15.0	15.6
Variation of the observer position for the luminaire distance S											
S = 1.0H		2.2 / -1.0					2.2 / -1.0				
S = 1.5H		4.0 / -1.7					4.0 / -1.7				
S = 2.0H		5.6 / -2.5					5.6 / -2.5				
Standard table		n/a					n/a				
Correction summand		n/a					n/a				
Corrected glare indices referring to 1612 lm total luminous flux											