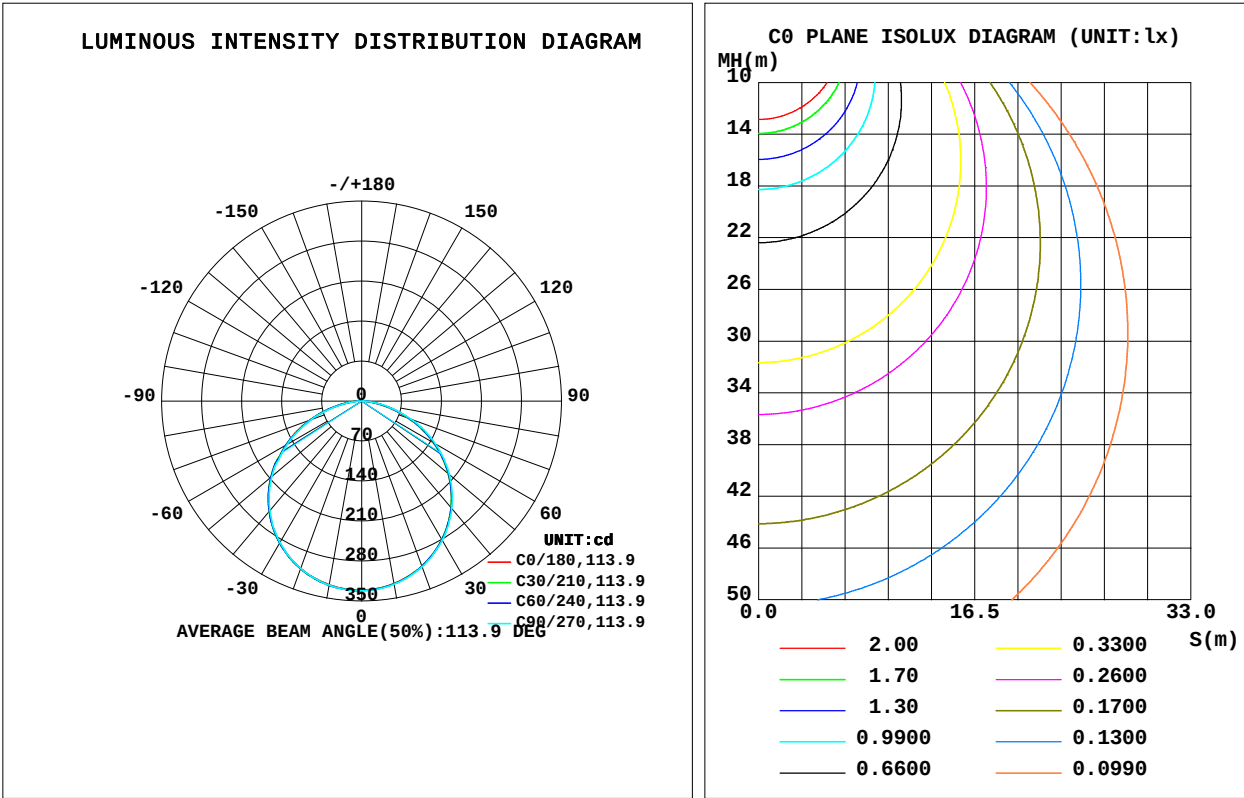


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:23.998V I:0.4253A P:10.205W PF:1.0000 Freq:0Hz Lamp Flux:961.9x1 lm		
NAME: HCP-3125962	TYPE:	WEIGHT:
SPEC.:2216-24V-240D-4MM 2700K 9.6W	DIM.:	SERIAL No.:
MFR.: HAVIT LIGHTING	SUR.:1000*4mm	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 94.25 lm/W
MODEL	HCP-3125962	I _{max} (cd)	332.3	S/MH(C0/180)	1.29	
NOMINAL POWER(W)	9.6	LOR(%)	100.0	S/MH(C90/270)	1.28	
RATED VOLTAGE(V)	24	TOTAL FLUX(lm)	961.90	η UP, DN(C0-180)	0.0,49.5	
NOMINAL FLUX(lm)	961.9	CIE CLASS	DIRECT	η UP, DN(C180-360)	0.0,50.4	
LAMPS INSIDE	1	η up(%)	0.0	CIBSE SHR NOM	1.25	
TEST VOLTAGE(V)	24	η down(%)	100.0	CIBSE SHR MAX	1.35	



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25DEG
Operators:Qin Meng
Test Date:2024-07-25

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE G0-2000B_V1 SYSTEM V2.00.421
Humidity:65.0%
Test Distance:6.920m [K=1.0000]
Remarks:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	φ zone	φ total	%lum, lamp
10	324.6	325.1	325.7	326.9	326.7	327.4	327.4	326.8	0- 10	31.42	31.42	3.27,3.27
20	307.7	308.0	308.8	311.0	311.8	312.5	312.0	310.9	10- 20	90.27	121.7	12.7,12.7
30	280.6	280.9	281.8	284.9	286.6	287.0	286.2	284.4	20- 30	137.6	259.3	27,27
40	243.7	244.2	245.4	249.2	251.7	251.7	250.6	248.2	30- 40	167.2	426.5	44.3,44.3
50	198.1	199.0	200.5	204.7	207.5	207.3	205.8	203.0	40- 50	174.9	601.4	62.5,62.5
60	144.8	143.9	148.6	150.0	152.6	154.6	150.3	149.8	50- 60	158.1	759.5	79,79
70	85.04	87.91	90.72	93.52	95.44	95.10	92.82	89.21	60- 70	119.6	879.1	91.4,91.4
80	30.79	33.78	34.86	37.99	39.85	38.43	36.13	34.11	70- 80	66.13	945.2	98.3,98.3
90	0	0.3322	0.4925	1.075	1.012	1.796	1.356	0.5959	80- 90	16.52	961.7	100,100
100	0	0	0	0	0	0	0	0	90-100	0.1896	961.9	100,100
110	0	0	0	0	0	0	0	0	100-110	0.0000	961.9	100,100
120	0	0	0	0	0	0	0	0	110-120	0	961.9	100,100
130	0	0	0	0	0	0	0	0	120-130	0	961.9	100,100
140	0	0	0	0	0	0	0	0	130-140	0	961.9	100,100
150	0	0	0	0	0	0	0	0	140-150	0	961.9	100,100
160	0	0	0	0	0	0	0	0	150-160	0	961.9	100,100
170	0	0	0	0	0	0	0	0	160-170	0	961.9	100,100
180	0	0	0	0	0	0	0	0	170-180	0	961.9	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT: lm		

Conical surface Flux(90deg): 514.49 lm

%lum = 53.5%
%lamp = 53.5%

Conical surface Flux(120deg): 759.47 lm

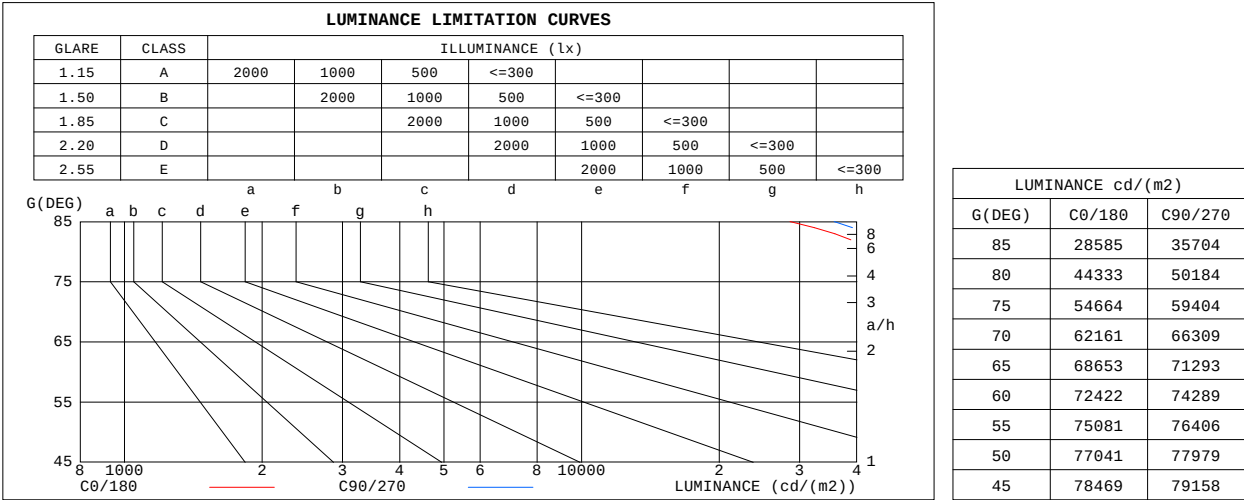
%lum = 79.0%
%lamp = 79.0%

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25DEG
Operators:Qin Meng
Test Date:2024-07-25

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE G0-2000B_V1 SYSTEM V2.00.421
Humidity:65.0%
Test Distance:6.920m [K=1.0000]
Remarks:

LUMINANCE LIMITATION CURVES

Test:U:23.998V I:0.4253A P:10.205W PF:1.0000 Freq:0Hz Lamp Flux:961.9x1 lm		
NAME: HCP-3125962	TYPE:	WEIGHT:
SPEC.:2216-24V-240D-4MM 2700K 9.6W	DIM.:	SERIAL No.:
MFR.: HAVIT LIGHTING	SUR.:1000*4mm	Shielding Angle:



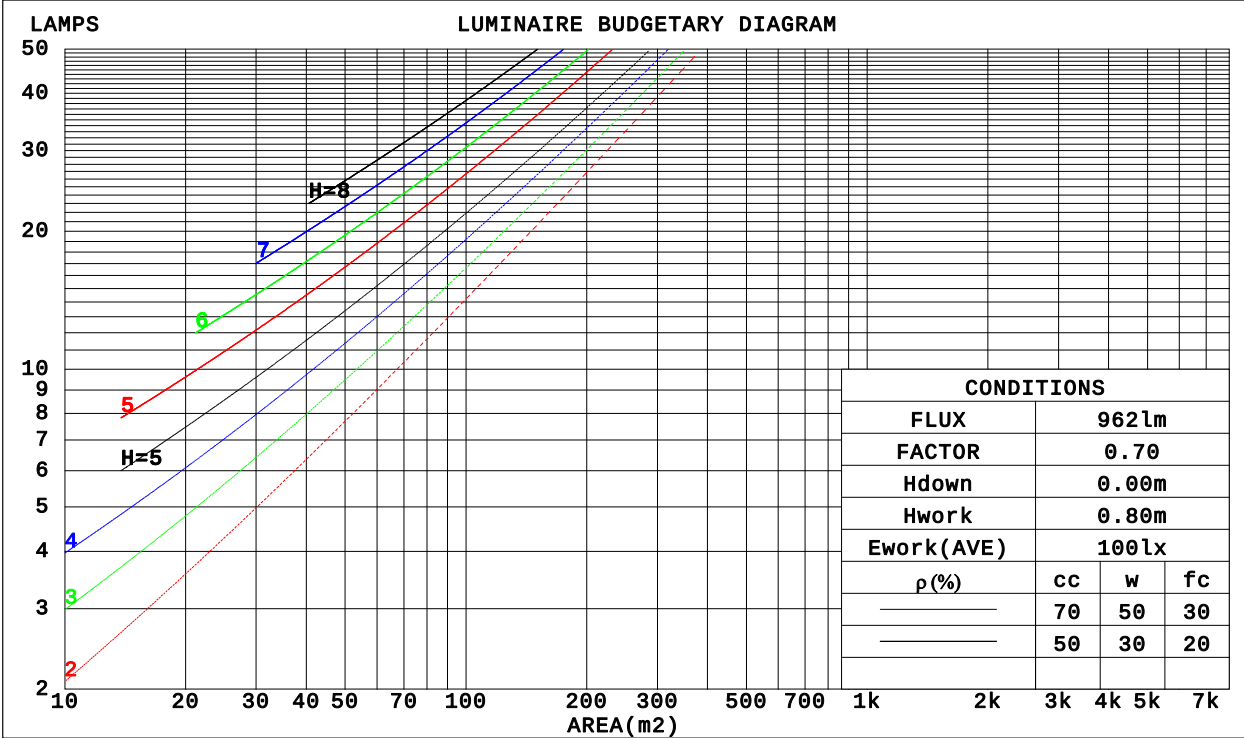
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25DEG
Operators:Qin Meng
Test Date:2024-07-25

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE G0-2000B_V1 SYSTEM V2.00.421
Humidity:65.0%
Test Distance:6.920m [K=1.0000]
Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:23.998V I:0.4253A P:10.205W PF:1.0000 Freq:0Hz Lamp Flux:961.9x1 lm		
NAME: HCP-3125962	TYPE:	WEIGHT:
SPEC.:2216-24V-240D-4MM 2700K 9.6W	DIM.:	SERIAL No.:
MFR.: HAVIT LIGHTING	SUR.:1000*4mm	Shielding Angle:

ρ _{CC}	80%			70%			50%			30%			10%			0
ρ _W	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρ _{fc}	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio			Coefficients of Utilization(CU)												
0.0	1.19	1.19	1.19	1.16	1.16	1.16	1.11	1.11	1.11	1.06	1.06	1.06	1.02	1.02	1.02	.00
1.0	1.04	.00	.96	1.02	.98	.94	.97	.94	.91	.93	.91	.88	.90	.88	.86	.84
2.0	.91	.84	.78	.89	.82	.77	.85	.80	.75	.82	.77	.73	.79	.75	.72	.70
3.0	.79	.71	.65	.78	.70	.64	.75	.68	.63	.72	.66	.62	.69	.65	.61	.58
4.0	.70	.61	.55	.69	.61	.54	.66	.59	.53	.64	.58	.53	.62	.56	.52	.50
5.0	.63	.54	.47	.62	.53	.47	.59	.52	.46	.57	.51	.46	.56	.50	.45	.43
6.0	.56	.47	.41	.55	.47	.41	.54	.46	.40	.52	.45	.40	.50	.44	.40	.38
7.0	.51	.42	.36	.50	.42	.36	.49	.41	.36	.47	.40	.35	.46	.40	.35	.33
8.0	.47	.38	.32	.46	.38	.32	.45	.37	.32	.43	.37	.32	.42	.36	.31	.29
9.0	.43	.34	.29	.42	.34	.29	.41	.34	.29	.40	.33	.28	.39	.33	.28	.26
10.0	.39	.31	.26	.39	.31	.26	.38	.31	.26	.37	.30	.26	.36	.30	.26	.24



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25DEG
Operators:Qin Meng
Test Date:2024-07-25

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.421
Humidity:65.0%
Test Distance:6.920m [K=1.0000]
Remarks:

WEC AND CCEC

Test:U:23.998V I:0.4253A P:10.205W PF:1.0000 Freq:0Hz Lamp Flux:961.9x1 lm					
NAME: HCP-3125962			TYPE:		WEIGHT:
SPEC.:2216-24V-240D-4MM 2700K 9.6W			DIM.:		SERIAL No.:
MFR.: HAVIT LIGHTING			SUR.:1000*4mm		Shielding Angle:

ρ_{cc}	80%			70%			50%			30%			10%			0
ρ_w	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρ_{fc}	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Wall Exitance Coefficients(WEC)									
0.0																
1.0	.308	.175	.056	.301	.172	.055	.288	.165	.053	.276	.159	.051	.264	.153	.049	
2.0	.291	.160	.049	.285	.157	.048	.273	.152	.047	.262	.147	.046	.252	.143	.045	
3.0	.270	.144	.043	.264	.142	.043	.254	.138	.042	.244	.134	.041	.236	.130	.040	
4.0	.249	.130	.038	.244	.128	.038	.235	.125	.037	.227	.122	.037	.219	.119	.036	
5.0	.231	.118	.034	.226	.116	.034	.218	.114	.033	.211	.111	.033	.203	.109	.033	
6.0	.214	.107	.031	.210	.106	.031	.203	.104	.030	.196	.102	.030	.190	.100	.030	
7.0	.199	.098	.028	.196	.098	.028	.189	.096	.028	.183	.094	.027	.177	.092	.027	
8.0	.186	.091	.026	.183	.090	.025	.177	.088	.025	.172	.087	.025	.167	.085	.025	
9.0	.174	.084	.024	.172	.084	.023	.166	.082	.023	.161	.081	.023	.157	.080	.023	
10.0	.164	.079	.022	.161	.078	.022	.157	.077	.022	.152	.076	.021	.148	.074	.021	

ρ_{cc}	80%			70%			50%			30%			10%			0	
ρ_w	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0	
ρ_{fc}	20%			20%			20%			20%			20%			0	
RCR	RCR:Room Cavity Ratio						Ceiling Cavity Exitance Coefficients(CCEC)										
0.0	.191	.191	.191	.163	.163	.163	.111	.111	.111	.064	.064	.064	.020	.020	.020		
1.0	.180	.156	.135	.154	.134	.116	.106	.092	.080	.061	.053	.047	.019	.017	.015		
2.0	.172	.132	.098	.148	.114	.085	.101	.079	.059	.058	.046	.035	.019	.015	.011		
3.0	.165	.114	.074	.141	.099	.065	.097	.069	.045	.056	.040	.027	.018	.013	.009		
4.0	.157	.101	.058	.135	.087	.051	.093	.061	.036	.054	.036	.021	.017	.012	.007		
5.0	.150	.091	.047	.129	.079	.041	.089	.055	.029	.051	.032	.017	.017	.011	.006		
6.0	.143	.082	.039	.122	.071	.034	.084	.050	.024	.049	.029	.014	.016	.010	.005		
7.0	.136	.075	.033	.117	.065	.029	.081	.046	.021	.047	.027	.012	.015	.009	.004		
8.0	.129	.070	.029	.111	.060	.025	.077	.042	.018	.045	.025	.011	.014	.008	.004		
9.0	.123	.065	.025	.106	.056	.022	.074	.040	.016	.043	.023	.009	.014	.008	.003		
10.0	.117	.060	.023	.101	.053	.020	.070	.037	.014	.041	.022	.008	.013	.007	.003		

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25DEG
 Operators:Qin Meng
 Test Date:2024-07-25

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.421
 Humidity:65.0%
 Test Distance:6.920m [K=1.0000]
 Remarks:

UGR(Unified Glare Rating) Table

Test:U:23.998V I:0.4253A P:10.205W PF:1.0000 Freq:0Hz Lamp Flux:961.9x1 lm											
NAME: HCP-3125962					TYPE:			WEIGHT:			
SPEC.:2216-24V-240D-4MM 2700K 9.6W					DIM.:			SERIAL No.:			
MFR.: HAVIT LIGHTING					SUR.:1000*4mm			Shielding Angle:			
ceiling/cavity	0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3	
walls	0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3	
working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	
Room dimensions		Viewed crosswise				Viewed endwise					
x = 2H y = 2H	2H	27.8	29.3	28.1	29.5	29.7	27.9	29.4	28.1	29.6	29.8
	3H	29.2	30.6	29.5	30.8	31.1	29.4	30.8	29.7	31.0	31.2
	4H	29.7	31.1	30.0	31.3	31.6	29.9	31.3	30.2	31.5	31.8
	6H	30.0	31.3	30.4	31.6	31.8	30.3	31.6	30.6	31.8	32.1
	8H	30.1	31.3	30.4	31.6	31.9	30.4	31.6	30.7	31.9	32.2
	12H	30.1	31.3	30.5	31.6	31.9	30.4	31.6	30.8	31.9	32.2
4H	2H	28.4	29.7	28.7	30.0	30.2	28.5	29.8	28.8	30.1	30.3
	3H	30.0	31.2	30.3	31.4	31.8	30.1	31.3	30.5	31.6	31.9
	4H	30.6	31.7	31.0	32.0	32.3	30.8	31.9	31.2	32.2	32.5
	6H	31.0	32.0	31.4	32.3	32.7	31.3	32.2	31.7	32.6	32.9
	8H	31.1	32.0	31.6	32.4	32.8	31.4	32.3	31.8	32.7	33.1
	12H	31.2	32.0	31.6	32.4	32.8	31.5	32.3	31.9	32.7	33.1
8H	4H	30.8	31.7	31.3	32.1	32.5	31.0	31.9	31.4	32.3	32.7
	6H	31.4	32.1	31.8	32.5	33.0	31.6	32.4	32.1	32.8	33.2
	8H	31.6	32.2	32.0	32.7	33.1	31.8	32.5	32.3	32.9	33.4
	12H	31.7	32.2	32.2	32.7	33.2	32.0	32.5	32.4	33.0	33.5
12H	4H	30.8	31.7	31.3	32.0	32.5	31.0	31.8	31.4	32.2	32.6
	6H	31.4	32.1	31.9	32.5	33.0	31.7	32.3	32.1	32.7	33.2
	8H	31.7	32.2	32.1	32.7	33.1	31.9	32.5	32.4	32.9	33.4
Variations with the observer position at spacings:											
S = 1.0H	+ 0.2 / - 0.2					+ 0.1 / - 0.2					
1.5H	+ 0.2 / - 0.3					+ 0.2 / - 0.3					
2.0H	+ 0.2 / - 0.3					+ 0.2 / - 0.3					

CIE Pub.117, 961.9 lm Total Lamp Luminous Flux Corrected (8log(F/F0) = -0.1)
Area: 0.004 m2

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25DEG
Operators:Qin Meng
Test Date:2024-07-25

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.421
Humidity:65.0%
Test Distance:6.920m [K=1.0000]
Remarks:

UTILIZATION FACTORS TABLE

Test:U:23.998V I:0.4253A P:10.205W PF:1.0000 Freq:0Hz Lamp Flux:961.9x1 lm		
NAME: HCP-3125962	TYPE:	WEIGHT:
SPEC.:2216-24V-240D-4MM 2700K 9.6W	DIM.:	SERIAL No.:
MFR.: HAVIT LIGHTING	SUR.:1000*4mm	Shielding Angle:

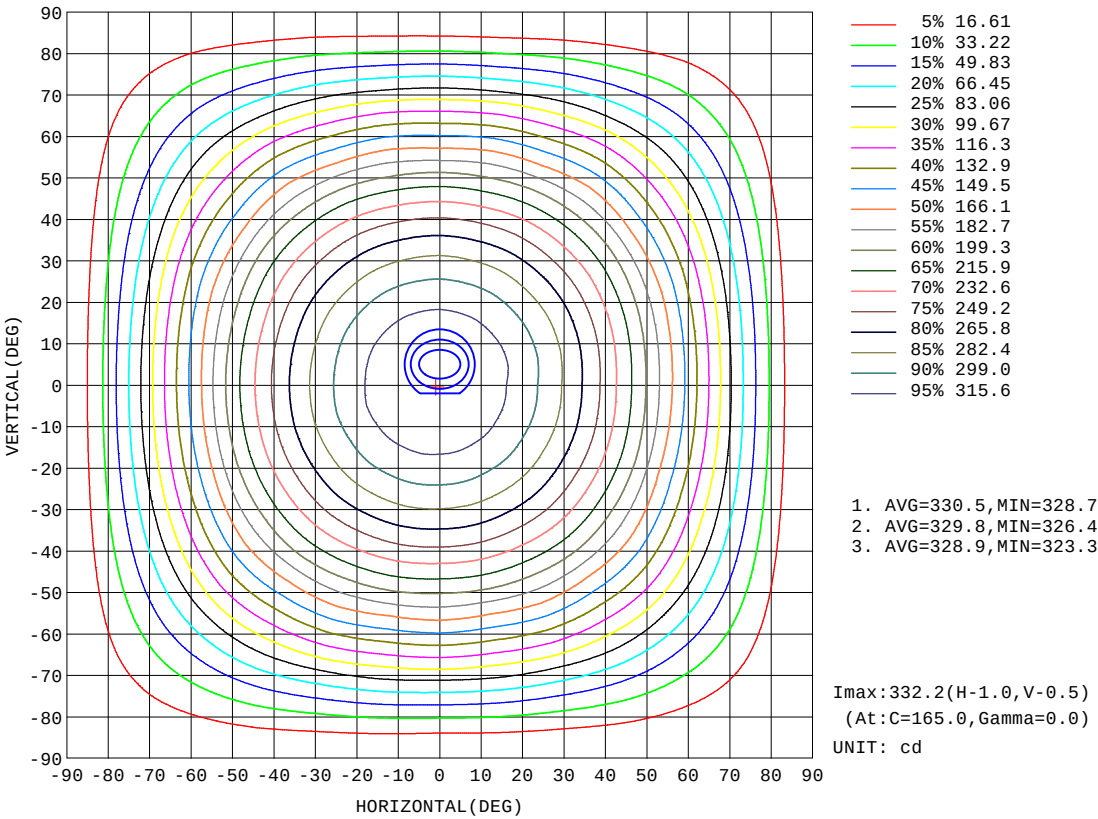
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	57	46	39	57	45	39	55	45	38	32
0.80	67	56	48	66	55	48	65	55	48	41
1.00	76	65	57	75	64	57	72	66	57	49
1.25	83	73	65	82	72	65	79	70	64	57
1.50	88	78	71	86	77	71	83	75	70	62
2.00	95	86	80	93	85	79	90	83	78	70
2.50	99	91	85	97	90	84	93	87	82	74
3.00	102	95	90	100	94	89	96	91	87	78
4.00	106	101	96	104	99	95	100	95	92	83
5.00	109	104	100	106	102	98	102	98	95	86
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended					SHRNOM = 1.25		

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25DEG
 Operators:Qin Meng
 Test Date:2024-07-25

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.421
 Humidity:65.0%
 Test Distance:6.920m [K=1.0000]
 Remarks:

ISOCANDELA DIAGRAM

Test:U:23.998V I:0.4253A P:10.205W PF:1.0000 Freq:0Hz Lamp Flux:961.9x1 lm		
NAME: HCP-3125962	TYPE:	WEIGHT:
SPEC.:2216-24V-240D-4MM 2700K 9.6W	DIM.:	SERIAL No.:
MFR.: HAVIT LIGHTING	SUR.:1000*4mm	Shielding Angle:



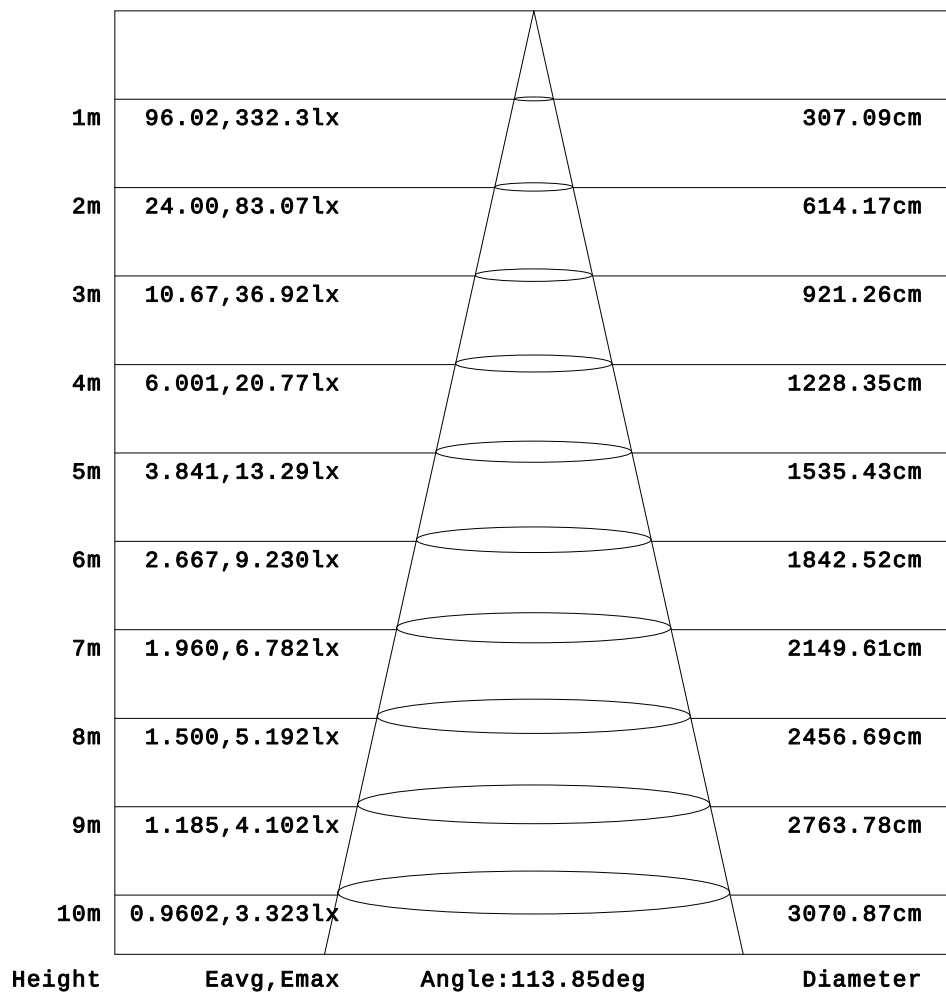
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25DEG
Operators:Qin Meng
Test Date:2024-07-25

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE G0-2000B_V1 SYSTEM V2.00.421
Humidity:65.0%
Test Distance:6.920m [K=1.0000]
Remarks:

AAI Figure

Test:U:23.998V I:0.4253A P:10.205W PF:1.0000 Freq:0Hz Lamp Flux:961.9x1 lm		
NAME: HCP-3125962	TYPE:	WEIGHT:
SPEC.:2216-24V-240D-4MM 2700K 9.6W	DIM.:	SERIAL No.:
MFR.: HAVIT LIGHTING	SUR.:1000*4mm	Shielding Angle:

Flux out:715.3 lm



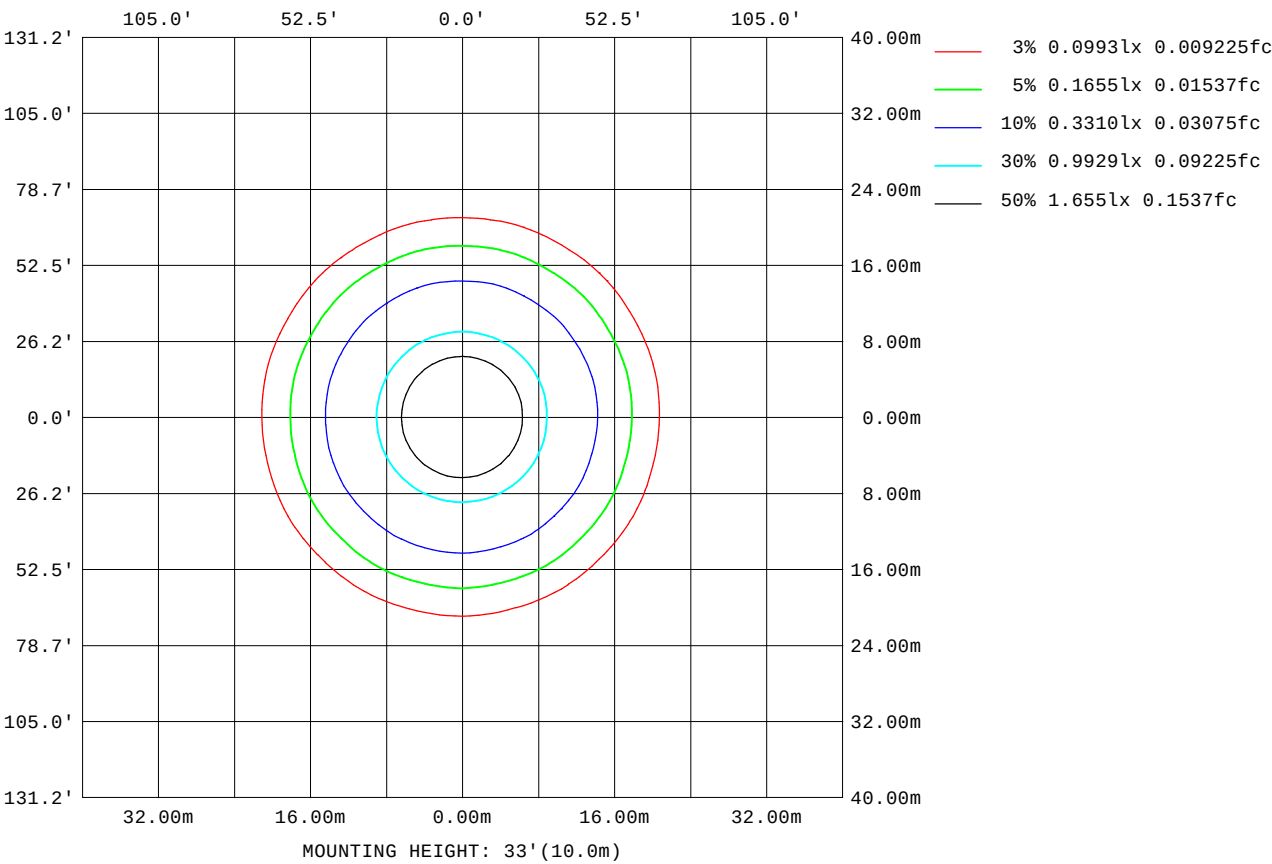
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25DEG
 Operators:Qin Meng
 Test Date:2024-07-25

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.421
 Humidity:65.0%
 Test Distance:6.920m [K=1.0000]
 Remarks:

ISOLUX DIAGRAM

Test:U:23.998V I:0.4253A P:10.205W PF:1.0000 Freq:0Hz Lamp Flux:961.9x1 lm		
NAME: HCP-3125962	TYPE:	WEIGHT:
SPEC.:2216-24V-240D-4MM 2700K 9.6W	DIM.:	SERIAL No.:
MFR.: HAVIT LIGHTING	SUR.:1000*4mm	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25DEG
Operators:Qin Meng
Test Date:2024-07-25

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE G0-2000B_V1 SYSTEM V2.00.421
Humidity:65.0%
Test Distance:6.920m [K=1.0000]
Remarks:

LED Avg.L Report

Test:U:23.998V I:0.4253A P:10.205W PF:1.0000 Freq:0Hz Lamp Flux:961.9x1 lm		
NAME: HCP-3125962	TYPE:	WEIGHT:
SPEC.:2216-24V-240D-4MM 2700K 9.6W	DIM.:	SERIAL No.:
MFR.: HAVIT LIGHTING	SUR.:1000*4mm	Shielding Angle:

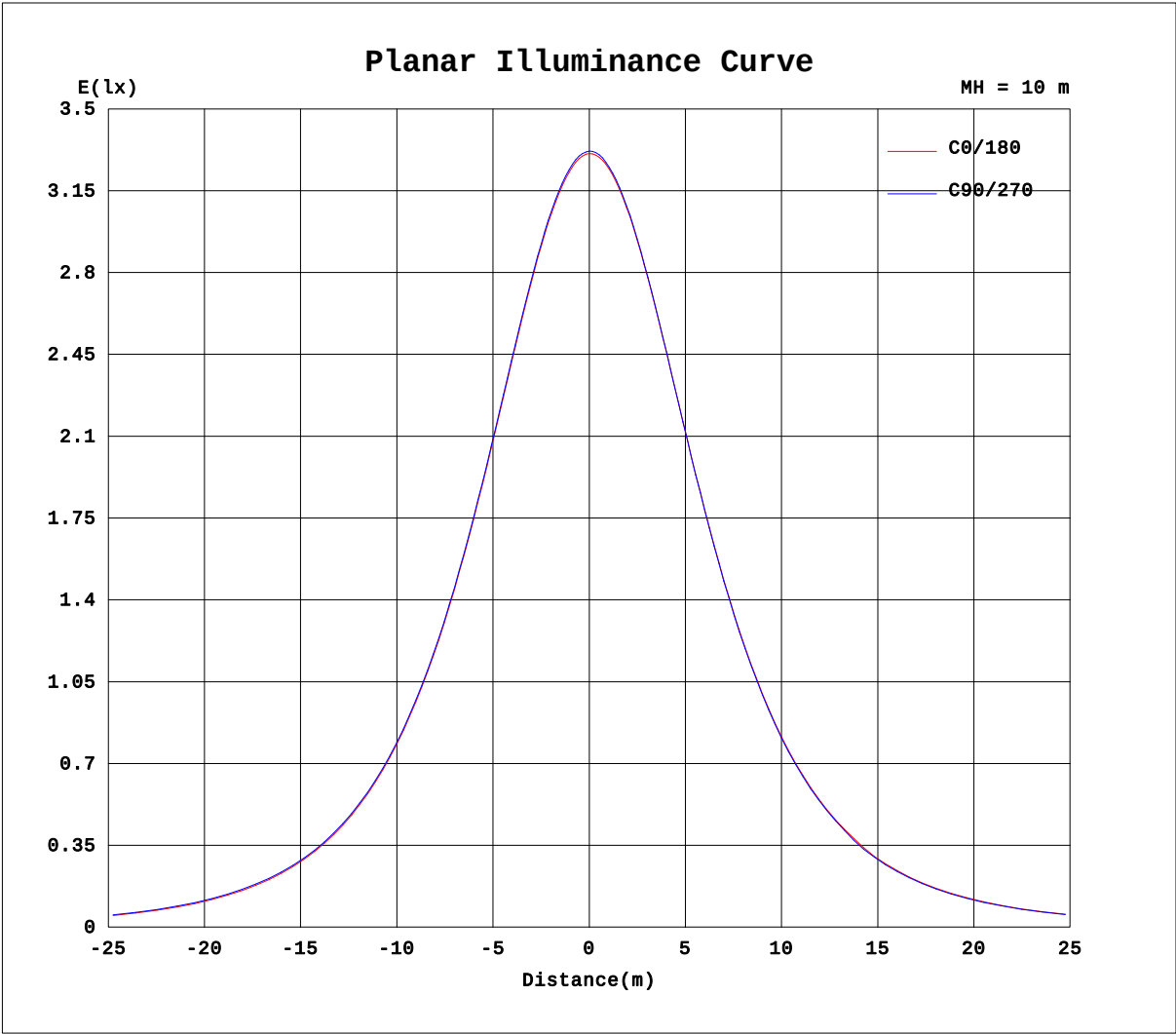
AvgL	cd/m2
L_0~180(65)av	71137
L_0~180(75)av	59567
L_0~180(85)av	38365
L_90~270(65)av	71744
L_90~270(75)av	60451
L_90~270(85)av	37065
L_45(65)av	71709
L_45(75)av	60362
L_45(85)av	40415

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25DEG
 Operators:Qin Meng
 Test Date:2024-07-25

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE G0-2000B_V1 SYSTEM V2.00.421
 Humidity:65.0%
 Test Distance:6.920m [K=1.0000]
 Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25DEG
Operators: Qin Meng
Test Date: 2024-07-25

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE G0-2000B_V1 SYSTEM V2.00.421
Humidity: 65.0%
Test Distance: 6.920m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:23.998V I:0.4253A P:10.205W PF:1.0000 Freq:0Hz Lamp Flux:961.9x1 lm		
NAME: HCP-3125962	TYPE:	WEIGHT:
SPEC.:2216-24V-240D-4MM 2700K 9.6W	DIM.:	SERIAL No.:
MFR.: HAVIT LIGHTING	SUR.:1000*4mm	Shielding Angle:

Table--1																		UNIT: cd	
C(DEG) γ (DEG)	0	15	30	45	60	75	90	105	120	135	150	165	180	195	210	225	240	255	270
0	331	331	331	332	332	332	332	332	332	332	332	332	331	331	331	332	332	332	332
5	329	329	329	330	330	330	330	331	331	331	331	331	330	330	331	331	331	331	331
10	325	325	325	325	325	326	326	326	326	327	327	328	327	327	327	327	328	327	327
15	317	318	317	318	318	318	319	319	320	320	321	321	321	321	321	321	321	321	321
20	308	308	308	308	308	309	309	310	310	311	311	312	312	312	313	312	313	312	312
25	295	296	295	296	296	296	297	298	298	299	300	301	300	301	301	301	301	301	300
30	281	281	280	281	281	282	282	283	284	285	285	287	287	287	287	287	287	286	286
35	263	264	263	264	263	264	265	266	267	268	269	270	270	270	271	271	271	270	270
40	244	244	244	244	244	245	245	247	248	249	250	251	252	252	252	252	252	251	251
45	222	222	222	223	222	224	224	226	226	228	229	230	231	231	231	231	231	229	229
50	198	199	198	199	199	200	200	202	203	205	205	207	207	207	208	207	207	206	206
55	172	170	172	170	174	172	175	174	178	176	180	180	181	182	181	182	180	180	177
60	145	143	145	144	147	146	149	148	151	150	153	152	153	155	153	155	152	153	150
65	116	115	117	116	119	118	121	120	123	122	124	123	124	126	125	126	124	124	122
70	85.0	86.3	86.2	87.9	88.0	89.7	90.7	91.7	92.7	93.5	94.0	94.4	95.4	96.6	95.4	95.1	94.4	93.7	92.8
75	56.6	57.8	58.0	59.6	59.8	61.4	61.5	63.2	63.3	64.6	64.3	65.4	66.7	66.0	66.5	65.3	65.3	63.8	63.7
80	30.8	32.3	32.5	33.8	33.6	34.9	34.9	36.4	36.5	38.0	37.8	38.6	39.9	39.1	39.6	38.4	38.1	36.4	36.1
85	9.97	11.4	11.7	12.5	12.3	12.8	12.4	13.8	14.3	15.6	15.4	15.9	16.8	16.4	16.7	15.8	15.5	14.0	13.4
90	0.00	0.00	0.04	0.33	0.42	0.57	0.49	0.80	0.79	1.08	0.99	0.90	1.01	1.37	1.95	1.80	1.78	1.54	1.36
95	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.20	0.69	0.77	0.72	0.48
100	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
105	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
110	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
115	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
120	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
125	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
130	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
135	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
140	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
145	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
150	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
155	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
160	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
165	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
170	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
175	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
180	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25DEG
Operators:Qin Meng
Test Date:2024-07-25

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.421
Humidity:65.0%
Test Distance:6.920m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:23.998V I:0.4253A P:10.205W PF:1.0000 Freq:0Hz Lamp Flux:961.9x1 lm		
NAME: HCP-3125962	TYPE:	WEIGHT:
SPEC.:2216-24V-240D-4MM 2700K 9.6W	DIM.:	SERIAL No.:
MFR.: HAVIT LIGHTING	SUR.:1000*4mm	Shielding Angle:

Table--2											UNIT: cd									
C(DEG) γ (DEG)	285	300	315	330	345															
0	332	332	332	332	332															
5	331	331	331	331	331															
10	327	327	327	327	326															
15	321	321	320	320	319															
20	312	311	311	310	310															
25	300	300	299	299	298															
30	285	285	284	284	283															
35	269	269	267	267	266															
40	249	249	248	248	246															
45	228	228	227	226	225															
50	204	204	203	203	201															
55	179	176	177	174	175															
60	152	149	150	147	148															
65	123	120	121	118	118															
70	92.1	91.0	89.2	89.0	87.0															
75	62.1	61.9	60.5	60.3	58.6															
80	34.8	35.0	34.1	34.1	32.7															
85	12.8	13.1	12.5	12.5	11.4															
90	1.14	0.94	0.60	0.30	0.00															
95	0.36	0.12	0.00	0.00	0.00															
100	0.00	0.00	0.00	0.00	0.00															
105	0.00	0.00	0.00	0.00	0.00															
110	0.00	0.00	0.00	0.00	0.00															
115	0.00	0.00	0.00	0.00	0.00															
120	0.00	0.00	0.00	0.00	0.00															
125	0.00	0.00	0.00	0.00	0.00															
130	0.00	0.00	0.00	0.00	0.00															
135	0.00	0.00	0.00	0.00	0.00															
140	0.00	0.00	0.00	0.00	0.00															
145	0.00	0.00	0.00	0.00	0.00															
150	0.00	0.00	0.00	0.00	0.00															
155	0.00	0.00	0.00	0.00	0.00															
160	0.00	0.00	0.00	0.00	0.00															
165	0.00	0.00	0.00	0.00	0.00															
170	0.00	0.00	0.00	0.00	0.00															
175	0.00	0.00	0.00	0.00	0.00															
180	0.00	0.00	0.00	0.00	0.00															

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25DEG
Operators:Qin Meng
Test Date:2024-07-25

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE G0-2000B_V1 SYSTEM V2.00.421
Humidity:65.0%
Test Distance:6.920m [K=1.0000]
Remarks: