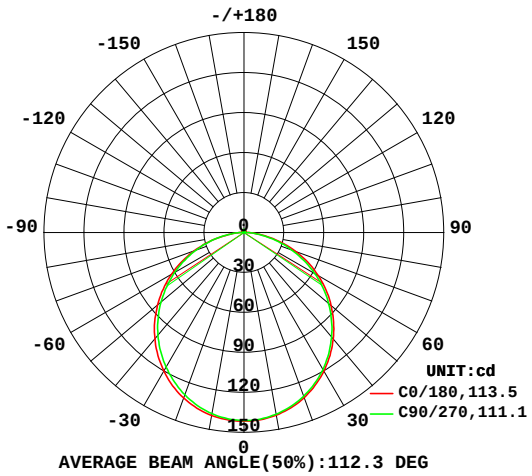
IES Flood Report
Photometric Filename: HCP-376408X-2700K.IES

LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:24.00V I:0.3068A P:7.362W PF:1.000 Freq:0Hz Lamp Flux:416.779x1 lm		
NAME: HCP-376408X-2700K	TYPE:	WEIGHT:
SPEC.:HCP-376408X-2700K	DIM.: 1000*15*15mm	SERIAL No.:
MFR.: HAVIT COMMERCIAL	SUR.:1000*15mm	Shielding Angle:

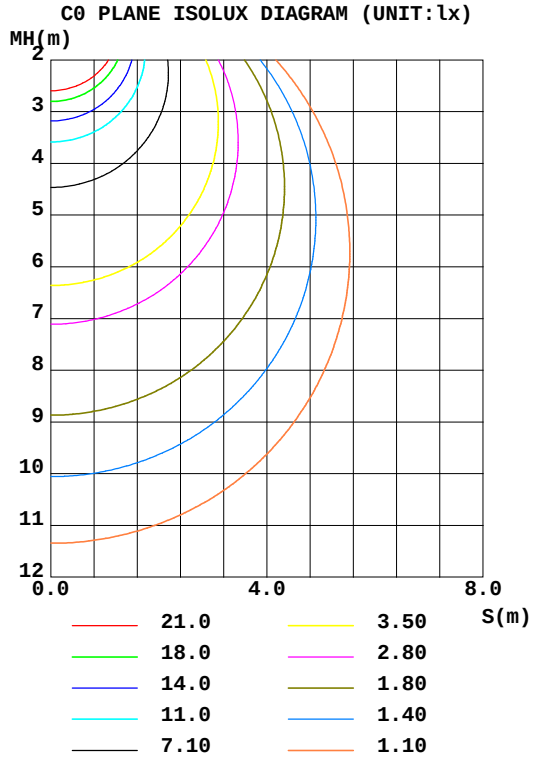
DATA OF LAMP		PHOTOMETRIC DATA		Eff: 56.61 lm/W	
MODEL	HCP-376408X-2700K	Imax(cd)	141.5	S/MH(C0/180)	1.26
NOMINAL POWER(W)	7.5	LOR(%)	100.0	S/MH(C90/270)	1.24
RATED VOLTAGE(V)	24	TOTAL FLUX(lm)	416.78	h UP,DN(C0-180)	1.3,49.2
NOMINAL FLUX(lm)	416.779	CIE CLASS	DIRECT	h UP,DN(C180-360)	1.2,48.3
LAMPS INSIDE	1	h up(%)	2.4	CIBSE SHR NOM	1.25
TEST VOLTAGE(V)	24	h down(%)	97.6	CIBSE SHR MAX	1.35

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



AVERAGE BEAM ANGLE(50%):112.3 DEG

C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:JYH
Test Date:2021-10-21

g Range: 0 - 180DEG
g Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.362
Humidity:65.0%
Test Distance:10.950m [K=1.0000]
Remarks:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

g	C0	C45	C90	C135	C180	C225	C270	C315	g	F zone	F total	%lum,lamp
10	139.2	138.9	138.5	139.0	139.4	138.6	138.1	138.2	0- 10	13.37	13.37	3.21,3.21
20	132.0	131.6	130.8	131.9	132.3	130.9	129.7	130.5	10- 20	38.26	51.63	12.4,12.4
30	120.0	119.7	118.6	120.1	120.2	118.5	116.8	118.2	20- 30	57.90	109.5	26.3,26.3
40	104.2	103.8	102.3	104.4	104.2	102.3	100.5	102.3	30- 40	69.70	179.2	43,43
50	85.46	85.09	83.02	85.58	84.72	83.11	81.32	83.48	40- 50	72.35	251.6	60.4,60.4
60	64.17	63.79	61.12	64.23	62.82	61.69	60.14	62.49	50- 60	65.72	317.3	76.1,76.1
70	41.03	40.75	37.99	40.96	39.17	38.64	37.72	39.67	60- 70	50.58	367.9	88.3,88.3
80	17.97	17.20	15.98	18.14	15.82	16.04	16.18	17.30	70- 80	29.48	397.4	95.3,95.3
90	2.925	2.184	2.018	4.400	2.805	3.175	1.900	3.219	80- 90	9.217	406.6	97.6,97.6
100	1.845	1.594	0.5948	2.295	1.781	1.984	0.2817	1.409	90-100	2.279	408.9	98.1,98.1
110	1.623	1.663	0.6408	1.904	1.476	1.723	0.6283	1.483	100-110	1.465	410.3	98.5,98.5
120	1.690	1.642	1.007	1.783	1.563	1.376	0.9085	1.257	110-120	1.411	411.7	98.8,98.8
130	1.903	1.444	1.256	1.450	1.677	1.269	1.136	1.269	120-130	1.225	413.0	99.1,99.1
140	2.017	1.670	1.463	1.644	1.790	1.509	1.309	1.442	130-140	1.174	414.1	99.4,99.4
150	2.030	1.764	1.616	1.837	1.891	1.716	1.456	1.489	140-150	1.048	415.2	99.6,99.6
160	2.111	1.824	1.876	1.971	1.924	1.897	1.817	1.596	150-160	0.8328	416.0	99.8,99.8
170	2.178	2.058	2.170	2.151	1.890	2.084	2.144	2.010	160-170	0.5568	416.6	100,100
180	2.024	2.358	2.451	2.451	2.031	2.358	2.451	2.451	170-180	0.2049	416.8	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

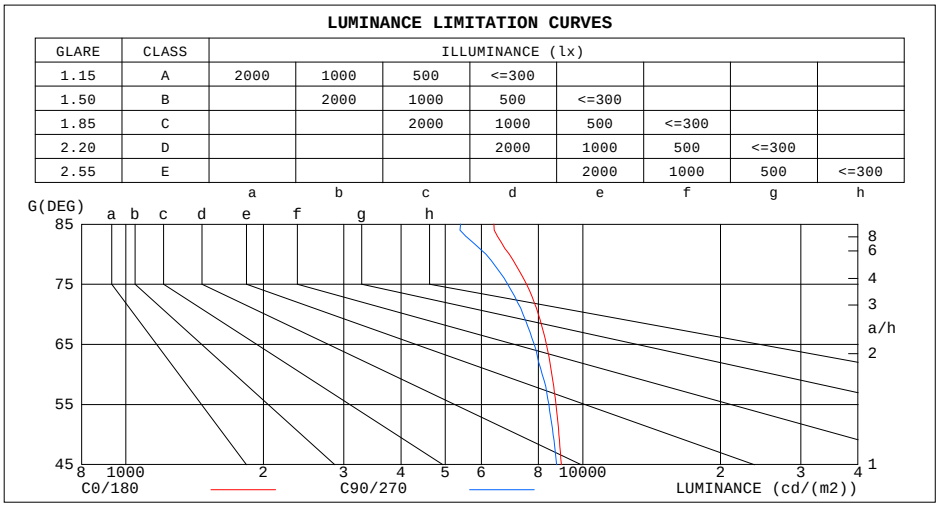
C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:JYH
Test Date:2021-10-21

g Range: 0 - 180DEG
g Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.362
Humidity:65.0%
Test Distance:10.950m [K=1.0000]
Remarks:

IES Flood Report
Photometric Filename: HCP-376408X-2700K.IES

LUMINANCE LIMITATION CURVES

Test:U:24.00V I:0.3068A P:7.362W PF:1.000 Freq:0Hz Lamp Flux:416.779x1 lm		
NAME: HCP-376408X-2700K	TYPE:	WEIGHT:
SPEC.:HCP-376408X-2700K	DIM.: 1000*15*15mm	SERIAL No.:
MFR.: HAVIT COMMERCIAL	SUR.:1000*15mm	Shielding Angle:



LUMINANCE cd/(m2)		
G(DEG)	C0/180	C90/270
85	6387	5404
80	6900	6134
75	7529	6850
70	7998	7405
65	8325	7831
60	8556	8150
55	8732	8428
50	8863	8611
45	8973	8765

C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:JYH
Test Date:2021-10-21

g Range: 0 - 180DEG
g Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.362
Humidity:65.0%
Test Distance:10.950m [K=1.0000]
Remarks:

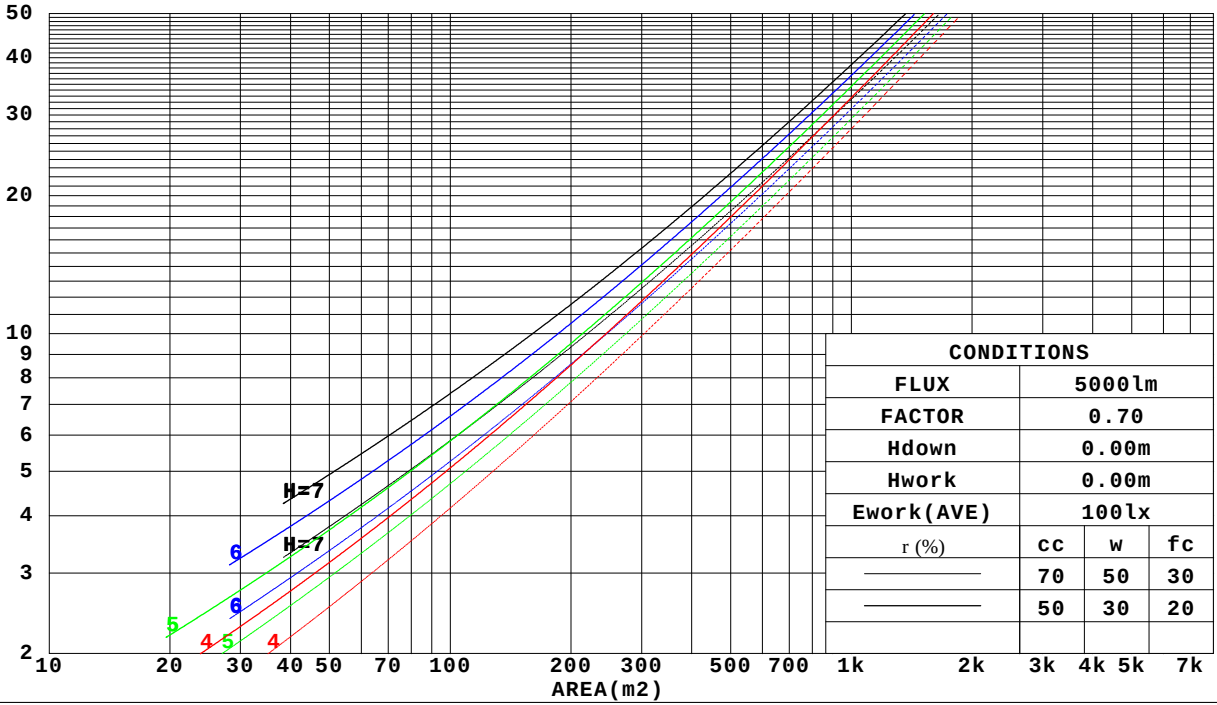
CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:24.00V I:0.3068A P:7.362W PF:1.000 Freq:0Hz Lamp Flux:416.779x1 lm		
NAME: HCP-376408X-2700K	TYPE:	WEIGHT:
SPEC.:HCP-376408X-2700K	DIM.: 1000*15*15mm	SERIAL No.:
MFR.: HAVIT COMMERCIAL	SUR.:1000*15mm	Shielding Angle:

ρcc	80%			70%			50%			30%			10%			0
ρw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio			Coefficients of Utilization(CU)												
0.0	1.18	1.18	1.18	1.15	1.15	1.15	1.10	1.10	1.10	1.05	1.05	1.05	.00	.00	.00	.98
1.0	1.03	.99	.95	1.01	.97	.93	.96	.93	.90	.92	.89	.86	.88	.85	.83	.81
2.0	.90	.83	.77	.88	.81	.76	.84	.78	.74	.80	.75	.72	.77	.73	.70	.67
3.0	.79	.70	.64	.77	.69	.63	.73	.67	.62	.70	.65	.60	.68	.63	.59	.57
4.0	.70	.61	.54	.68	.60	.53	.65	.58	.52	.63	.56	.51	.60	.55	.50	.48
5.0	.62	.53	.46	.61	.52	.46	.58	.51	.45	.56	.50	.44	.54	.48	.44	.42
6.0	.56	.47	.40	.55	.46	.40	.53	.45	.40	.51	.44	.39	.49	.43	.38	.36
7.0	.51	.42	.36	.50	.41	.35	.48	.40	.35	.46	.40	.35	.45	.39	.34	.32
8.0	.46	.38	.32	.45	.37	.32	.44	.36	.31	.42	.36	.31	.41	.35	.31	.29
9.0	.42	.34	.29	.42	.34	.28	.40	.33	.28	.39	.32	.28	.38	.32	.28	.26
10.0	.39	.31	.26	.38	.31	.26	.37	.30	.25	.36	.30	.25	.35	.29	.25	.23

LAMPS

LUMINAIRE BUDGETARY DIAGRAM



C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:JYH
Test Date:2021-10-21

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.362
Humidity:65.0%
Test Distance:10.950m [K=1.0000]
Remarks:

WEC AND CCEC

Test:U:24.00V I:0.3068A P:7.362W PF:1.000 Freq:0Hz Lamp Flux:416.779x1 lm		
NAME: HCP-376408X-2700K	TYPE:	WEIGHT:
SPEC.:HCP-376408X-2700K	DIM.: 1000*15*15mm	SERIAL No.:
MFR.: HAVIT COMMERCIAL	SUR.:1000*15mm	Shielding Angle:

ρcc	80%			70%			50%			30%			10%			0
ρw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Wall Exitance Coeffcients(WEC)									
0.0																
1.0	.314	.179	.057	.306	.175	.055	.291	.167	.053	.278	.160	.051	.266	.154	.050	
2.0	.294	.161	.049	.287	.158	.049	.274	.152	.047	.262	.147	.046	.251	.142	.045	
3.0	.271	.144	.043	.265	.142	.043	.253	.137	.042	.243	.133	.041	.233	.129	.040	
4.0	.250	.130	.038	.244	.128	.038	.234	.124	.037	.224	.121	.036	.216	.117	.036	
5.0	.231	.118	.034	.226	.116	.034	.217	.113	.033	.208	.110	.033	.200	.107	.032	
6.0	.214	.107	.031	.209	.106	.030	.201	.103	.030	.193	.101	.030	.186	.098	.029	
7.0	.199	.098	.028	.195	.097	.028	.187	.095	.027	.181	.093	.027	.174	.090	.027	
8.0	.186	.091	.025	.182	.090	.025	.175	.088	.025	.169	.086	.025	.163	.084	.024	
9.0	.174	.084	.023	.171	.083	.023	.165	.081	.023	.159	.080	.023	.154	.078	.023	
10.0	.163	.078	.022	.161	.078	.022	.155	.076	.021	.150	.074	.021	.145	.073	.021	

ρcc	80%			70%			50%			30%			10%			0
ρw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Ceiling Cavity Exitance Coefficients(CCEC)									
0.0	.209	.209	.209	.179	.179	.179	.122	.122	.122	.070	.070	.070	.022	.022	.022	
1.0	.199	.175	.153	.171	.150	.132	.117	.103	.091	.067	.060	.053	.022	.019	.017	
2.0	.191	.151	.117	.164	.130	.101	.112	.090	.070	.065	.052	.041	.021	.017	.013	
3.0	.184	.133	.093	.157	.115	.081	.108	.080	.057	.062	.047	.033	.020	.015	.011	
4.0	.176	.120	.077	.151	.104	.067	.104	.072	.047	.060	.042	.028	.019	.014	.009	
5.0	.169	.110	.066	.145	.095	.058	.100	.066	.041	.058	.039	.024	.019	.013	.008	
6.0	.162	.101	.058	.139	.088	.051	.096	.062	.036	.056	.036	.021	.018	.012	.007	
7.0	.155	.095	.052	.133	.082	.046	.092	.057	.032	.053	.034	.019	.017	.011	.006	
8.0	.148	.089	.048	.128	.077	.042	.088	.054	.030	.051	.032	.018	.017	.010	.006	
9.0	.142	.084	.045	.122	.073	.039	.085	.051	.028	.049	.030	.016	.016	.010	.005	
10.0	.136	.080	.042	.118	.069	.036	.082	.049	.026	.048	.029	.015	.015	.009	.005	

C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:JYH
Test Date:2021-10-21

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.362
Humidity:65.0%
Test Distance:10.950m [K=1.0000]
Remarks:

UGR(Unified Glare Rating) Table

Test:U:24.00V I:0.3068A P:7.362W PF:1.000 Freq:0Hz Lamp Flux:416.779x1 lm		
NAME: HCP-376408X-2700K	TYPE:	WEIGHT:
SPEC.:HCP-376408X-2700K	DIM.: 1000*15*15mm	SERIAL No.:
MFR.: HAVIT COMMERCIAL	SUR.:1000*15mm	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	23.4	24.9	23.7	25.1	25.4	23.2	24.7	23.5	24.9	25.2
	3H	25.0	26.3	25.3	26.6	26.9	24.7	26.1	25.0	26.4	26.7
	4H	25.6	26.9	26.0	27.2	27.5	25.3	26.6	25.7	26.9	27.2
	6H	26.1	27.3	26.4	27.6	28.0	25.7	27.0	26.1	27.3	27.6
	8H	26.2	27.4	26.6	27.7	28.1	25.8	27.0	26.2	27.4	27.7
	12H	26.3	27.5	26.7	27.8	28.2	25.9	27.1	26.3	27.4	27.8
4H	2H	24.0	25.3	24.3	25.6	25.9	23.9	25.2	24.2	25.5	25.8
	3H	25.8	26.9	26.1	27.2	27.6	25.6	26.7	25.9	27.0	27.4
	4H	26.5	27.6	26.9	27.9	28.3	26.3	27.3	26.7	27.7	28.1
	6H	27.1	28.1	27.6	28.4	28.9	26.8	27.7	27.2	28.1	28.6
	8H	27.3	28.2	27.8	28.6	29.0	27.0	27.9	27.4	28.3	28.7
	12H	27.5	28.3	27.9	28.7	29.2	27.1	27.9	27.6	28.3	28.8
8H	4H	26.8	27.7	27.2	28.1	28.5	26.6	27.4	27.0	27.8	28.3
	6H	27.5	28.3	28.0	28.7	29.2	27.3	28.0	27.7	28.4	28.9
	8H	27.8	28.5	28.3	28.9	29.4	27.5	28.1	28.0	28.6	29.1
	12H	28.1	28.6	28.6	29.1	29.6	27.7	28.3	28.2	28.7	29.3
12H	4H	26.8	27.6	27.3	28.0	28.5	26.6	27.4	27.0	27.8	28.3
	6H	27.6	28.2	28.1	28.7	29.2	27.3	28.0	27.8	28.4	28.9
	8H	27.9	28.5	28.4	29.0	29.5	27.6	28.2	28.1	28.7	29.2
Variations with the observer position at spacings:											
S = 1.0H		+ 0.1 / - 0.2					+ 0.1 / - 0.2				
1.5H		+ 0.2 / - 0.3					+ 0.2 / - 0.3				
2.0H		+ 0.1 / - 0.3					+ 0.2 / - 0.3				

CIE Pub.117, 416.8 lm Total Lamp Luminous Flux Correct (8log(F/F0) = -3.0)

C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:JYH
Test Date:2021-10-21

g Range: 0 - 180DEG
g Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.362
Humidity:65.0%
Test Distance:10.950m [K=1.0000]
Remarks:

UTILIZATION FACTORS TABLE

Test:U:24.00V I:0.3068A P:7.362W PF:1.000 Freq:0Hz Lamp Flux:416.779x1 lm		
NAME: HCP-376408X-2700K	TYPE:	WEIGHT:
SPEC.:HCP-376408X-2700K	DIM.: 1000*15*15mm	SERIAL No.:
MFR.: HAVIT COMMERCIAL	SUR.:1000*15mm	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) x RCR = 5									
k = 0.60	57	45	38	56	45	38	54	44	38	31
0.80	66	55	47	65	54	47	63	53	47	40
1.00	75	64	56	74	63	56	71	64	55	48
1.25	82	71	64	80	70	64	77	69	63	55
1.50	87	77	70	85	76	69	82	74	68	60
2.00	94	85	78	92	84	78	88	81	76	68
2.50	98	90	84	96	88	83	91	85	80	72
3.00	101	94	88	99	92	87	94	89	85	76
4.00	105	99	95	103	97	93	98	94	90	80
5.00	108	103	99	105	101	97	100	97	93	83
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004				Suspended					SHRNOM = 1.25	

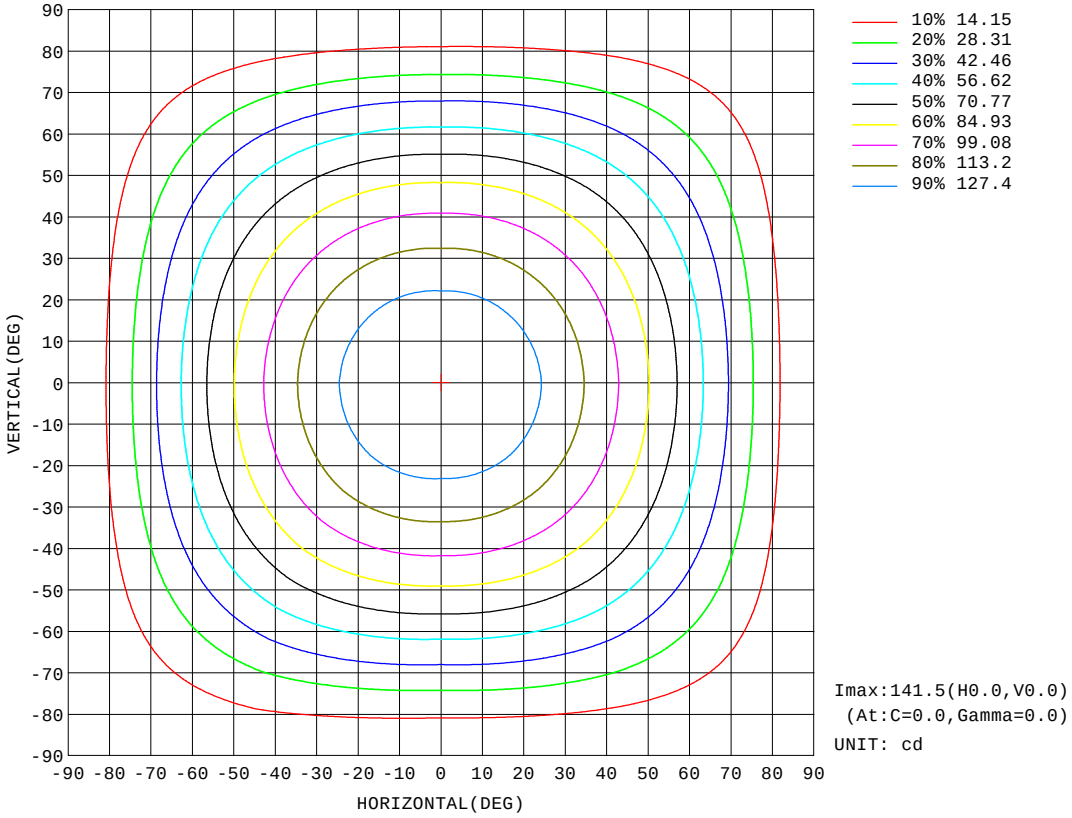
C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:JYH
Test Date:2021-10-21

g Range: 0 - 180DEG
g Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.362
Humidity:65.0%
Test Distance:10.950m [K=1.0000]
Remarks:

IES Flood Report
Photometric Filename: HCP-376408X-2700K.IES

ISOCANDELA DIAGRAM

Test:U:24.00V I:0.3068A P:7.362W PF:1.000 Freq:0Hz Lamp Flux:416.779x1 lm		
NAME: HCP-376408X-2700K	TYPE:	WEIGHT:
SPEC.:HCP-376408X-2700K	DIM.: 1000*15*15mm	SERIAL No.:
MFR.: HAVIT COMMERCIAL	SUR.:1000*15mm	Shielding Angle:



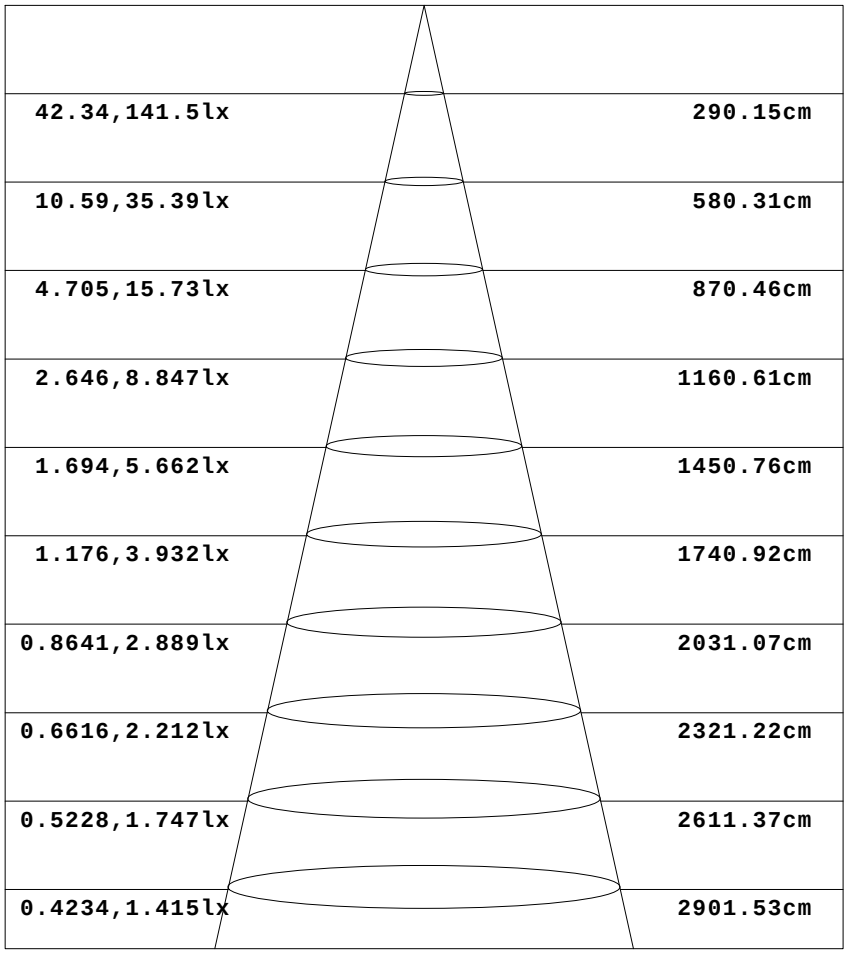
C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:JYH
Test Date:2021-10-21

g Range: 0 - 180DEG
g Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.362
Humidity:65.0%
Test Distance:10.950m [K=1.0000]
Remarks:

AAI Figure

Test:U:24.00V I:0.3068A P:7.362W PF:1.000 Freq:0Hz Lamp Flux:416.779x1 lm		
NAME: HCP-376408X-2700K	TYPE:	WEIGHT:
SPEC.:HCP-376408X-2700K	DIM.: 1000*15*15mm	SERIAL No.:
MFR.: HAVIT COMMERCIAL	SUR.:1000*15mm	Shielding Angle:

Flux out:292.4 lm



Height Eavg,Emax Angle:110.84deg Diameter

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

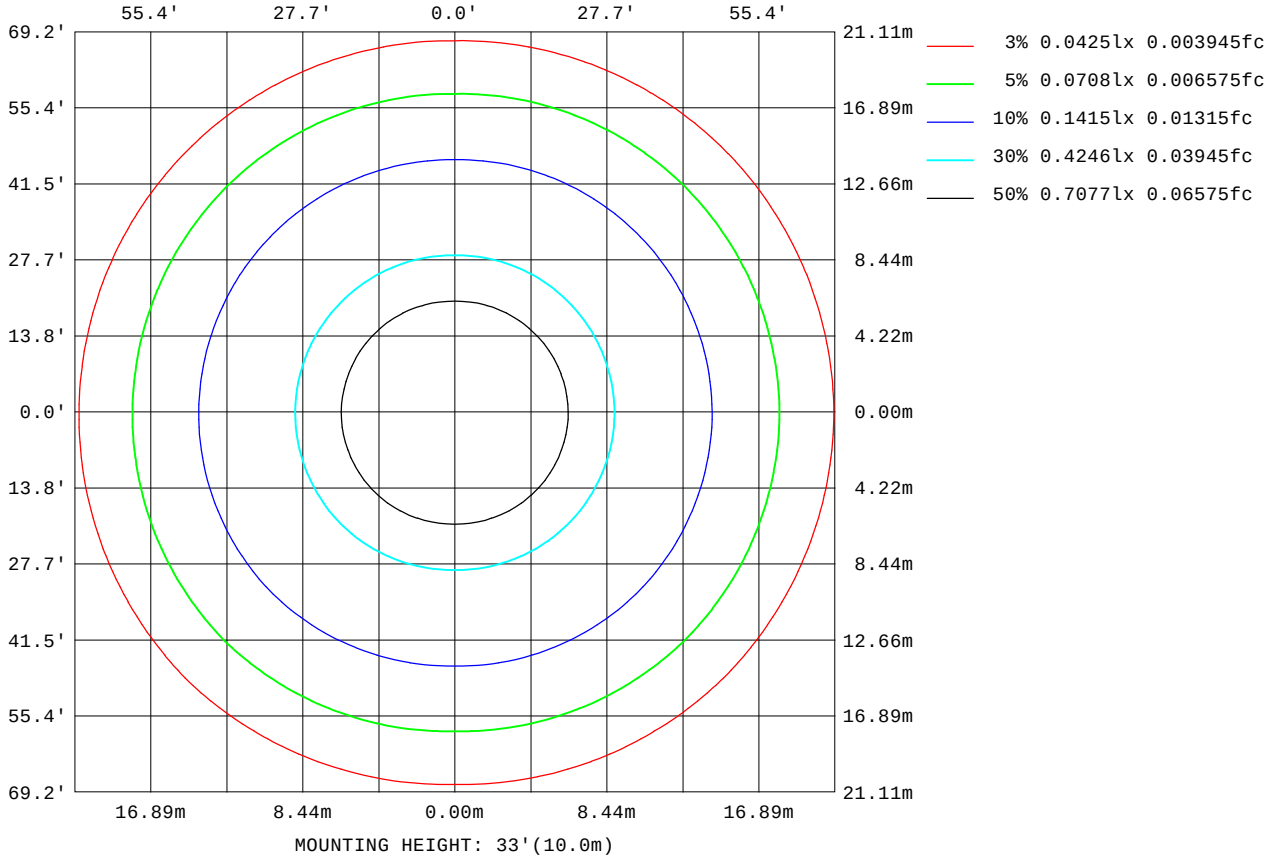
C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:JYH
Test Date:2021-10-21

g Range: 0 - 180DEG
g Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.362
Humidity:65.0%
Test Distance:10.950m [K=1.0000]
Remarks:

IES Flood Report
Photometric Filename: HCP-376408X-2700K.IES

ISOLUX DIAGRAM

Test:U:24.00V I:0.3068A P:7.362W PF:1.000 Freq:0Hz Lamp Flux:416.779x1 lm		
NAME: HCP-376408X-2700K	TYPE:	WEIGHT:
SPEC.:HCP-376408X-2700K	DIM.: 1000*15*15mm	SERIAL No.:
MFR.: HAVIT COMMERCIAL	SUR.:1000*15mm	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:JYH
Test Date:2021-10-21

g Range: 0 - 180DEG
g Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.362
Humidity:65.0%
Test Distance:10.950m [K=1.0000]
Remarks:

LED Avg.L Report

Test:U:24.00V I:0.3068A P:7.362W PF:1.000 Freq:0Hz Lamp Flux:416.779x1 lm		
NAME: HCP-376408X-2700K	TYPE:	WEIGHT:
SPEC.:HCP-376408X-2700K	DIM.: 1000*15*15mm	SERIAL No.:
MFR.: HAVIT COMMERCIAL	SUR.:1000*15mm	Shielding Angle:

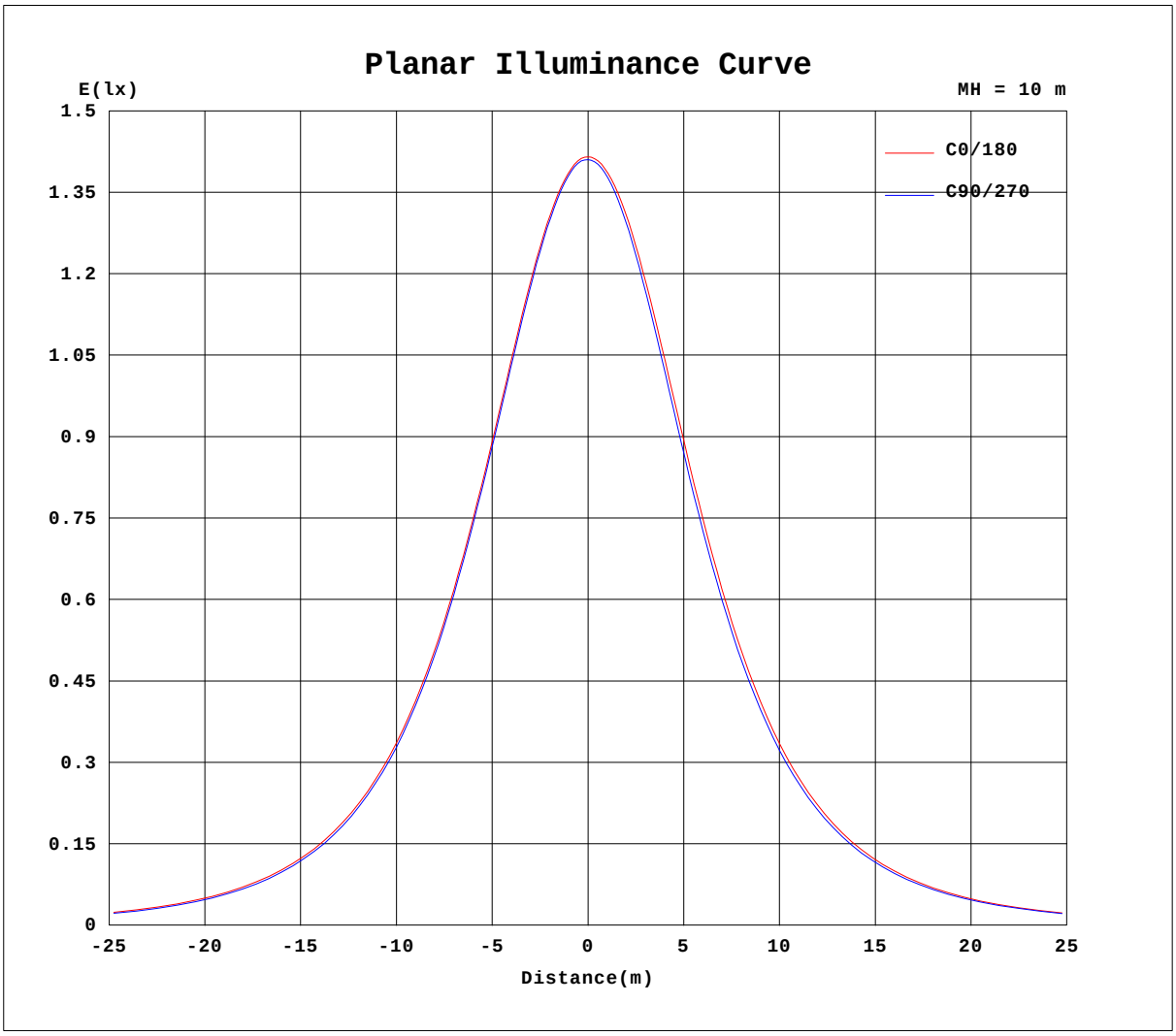
AvgL	cd/m2
L_0~180(65)av	8199
L_0~180(75)av	7256
L_0~180(85)av	5857
L_90~270(65)av	7779
L_90~270(75)av	6870
L_90~270(85)av	5471
L_45(65)av	8152
L_45(75)av	7284
L_45(85)av	6196

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:JYH
Test Date:2021-10-21

g Range: 0 - 180DEG
g Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.362
Humidity:65.0%
Test Distance:10.950m [K=1.0000]
Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:JYH
Test Date:2021-10-21

g Range: 0 - 180DEG
g Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.362
Humidity:65.0%
Test Distance:10.950m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:24.00V I:0.3068A P:7.362W PF:1.000 Freq:0Hz Lamp Flux:416.779x1 lm		
NAME: HCP-376408X-2700K	TYPE:	WEIGHT:
SPEC.:HCP-376408X-2700K	DIM.: 1000*15*15mm	SERIAL No.:
MFR.: HAVIT COMMERCIAL	SUR.:1000*15mm	Shielding Angle:

Table--1 UNIT: cd

γ (DEG) \ C(DEG)	0	45	90	135	180	225	270	315
0	142	141	141	141	142	141	141	141
5	141	141	141	141	141	141	140	140
10	139	139	138	139	139	139	138	138
15	136	136	135	136	136	135	134	135
20	132	132	131	132	132	131	130	131
25	127	126	125	127	127	125	124	125
30	120	120	119	120	120	119	117	118
35	113	112	111	113	113	111	109	111
40	104	104	102	104	104	102	101	102
45	95.2	94.7	93.0	95.3	94.8	93.0	91.3	93.2
50	85.5	85.1	83.0	85.6	84.7	83.1	81.3	83.5
55	75.1	74.7	72.5	75.2	74.1	72.7	70.9	73.2
60	64.2	63.8	61.1	64.2	62.8	61.7	60.1	62.5
65	52.8	52.4	49.6	52.7	51.2	50.3	49.0	51.3
70	41.0	40.8	38.0	41.0	39.2	38.6	37.7	39.7
75	29.2	28.9	26.6	29.2	27.1	27.0	26.8	28.1
80	18.0	17.2	16.0	18.1	15.8	16.0	16.2	17.3
85	8.35	7.56	7.07	9.26	6.96	7.26	7.24	8.32
90	2.93	2.18	2.02	4.40	2.80	3.18	1.90	3.22
95	2.10	1.59	1.75	3.01	2.10	2.41	1.46	2.03
100	1.84	1.59	0.59	2.30	1.78	1.98	0.28	1.41
105	1.66	1.52	0.50	2.00	1.56	1.79	0.46	1.49
110	1.62	1.66	0.64	1.90	1.48	1.72	0.63	1.48
115	1.62	1.68	0.82	1.90	1.50	1.66	0.78	1.42
120	1.69	1.64	1.01	1.78	1.56	1.38	0.91	1.26
125	1.79	1.34	1.14	1.32	1.62	1.22	1.03	1.20
130	1.90	1.44	1.26	1.45	1.68	1.27	1.14	1.27
135	1.92	1.58	1.36	1.55	1.73	1.38	1.22	1.36
140	2.02	1.67	1.46	1.64	1.79	1.51	1.31	1.44
145	2.01	1.72	1.59	1.75	1.84	1.67	1.37	1.47
150	2.03	1.76	1.62	1.84	1.89	1.72	1.46	1.49
155	2.12	1.80	1.71	1.90	1.92	1.80	1.62	1.58
160	2.11	1.82	1.88	1.97	1.92	1.90	1.82	1.60
165	2.18	1.91	2.02	2.05	1.92	2.00	1.97	1.80
170	2.18	2.06	2.17	2.15	1.89	2.08	2.14	2.01
175	2.02	2.23	2.32	2.28	1.86	2.20	2.32	2.21
180	2.02	2.36	2.45	2.45	2.03	2.36	2.45	2.45

C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:JYH
Test Date:2021-10-21

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.362
Humidity:65.0%
Test Distance:10.950m [K=1.0000]
Remarks: