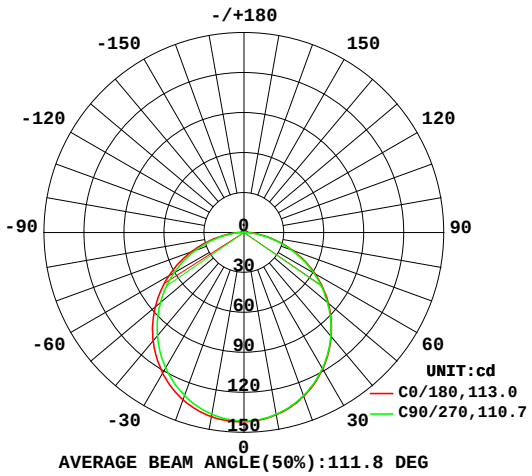
IES Flood Report
Photometric Filename: HCP-376408X-3000K.IES

LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:24.00V I:0.3112A P:7.468W PF:1.000 Freq:0Hz Lamp Flux:416.233x1 lm		
NAME: HCP-376408X-3000K	TYPE:	WEIGHT:
SPEC.:HCP-376408X-3000K	DIM.: 1000*15*15mm	SERIAL No.:
MFR.: HAVIT COMMERCIAL	SUR.:1000*15mm	Shielding Angle:

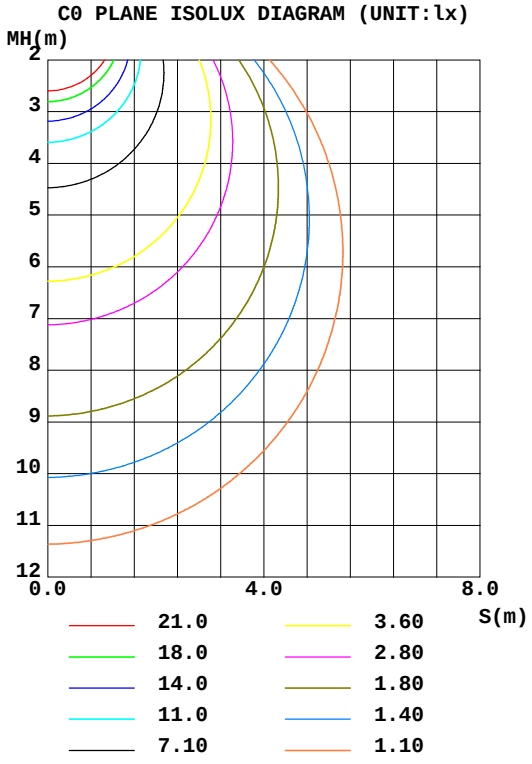
DATA OF LAMP		PHOTOMETRIC DATA Eff: 55.74 lm/W			
MODEL	HCP-376408X-3000K	Imax(cd)	142.0	S/MH(C0/180)	1.24
NOMINAL POWER(W)	7.5	LOR(%)	100.0	S/MH(C90/270)	1.24
RATED VOLTAGE(V)	24	TOTAL FLUX(lm)	416.23	h UP,DN(C0-180)	1.4,48.4
NOMINAL FLUX(lm)	416.233	CIE CLASS	DIRECT	h UP,DN(C180-360)	1.2,49.0
LAMPS INSIDE	1	h up(%)	2.6	CIBSE SHR NOM	1.25
TEST VOLTAGE(V)	24	h down(%)	97.4	CIBSE SHR MAX	1.35

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



AVERAGE BEAM ANGLE(50%):111.8 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:2021-10-22

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	138.9	138.7	138.6	139.5	140.4	139.5	138.5	138.1	0- 10	13.40	13.40	3.22,3.22
20	130.9	130.7	130.4	132.4	133.6	132.2	130.3	130.0	10- 20	38.32	51.72	12.4,12.4
30	118.3	118.1	117.8	120.5	122.0	120.2	117.4	117.3	20- 30	57.90	109.6	26.3,26.3
40	101.9	101.7	101.4	104.6	106.1	104.3	101.1	101.0	30- 40	69.60	179.2	43.1,43.1
50	82.69	80.54	81.81	85.63	86.84	85.23	81.91	81.83	40- 50	72.00	251.2	60.4,60.4
60	61.37	60.47	60.39	64.29	65.10	63.96	60.64	60.69	50- 60	65.18	316.4	76,76
70	38.54	38.29	37.46	41.31	41.67	41.04	38.08	38.06	60- 70	50.30	366.7	88.1,88.1
80	16.28	15.91	15.41	18.77	18.48	18.35	16.32	16.25	70- 80	29.43	396.1	95.2,95.2
90	3.297	2.436	1.864	4.398	3.802	3.301	1.898	3.329	80- 90	9.428	405.6	97.4,97.4
100	2.619	2.111	0.7741	2.430	2.411	2.031	0.2944	1.617	90-100	2.545	408.1	98,98
110	2.152	1.676	0.6546	1.883	1.896	1.491	0.6146	1.476	100-110	1.705	409.8	98.5,98.5
120	1.878	1.676	1.021	1.643	1.696	1.176	0.8955	1.145	110-120	1.410	411.2	98.8,98.8
130	1.850	1.470	1.256	1.417	1.637	1.209	1.109	1.249	120-130	1.212	412.4	99.1,99.1
140	1.924	1.697	1.476	1.624	1.757	1.488	1.289	1.396	130-140	1.159	413.6	99.4,99.4
150	2.004	1.783	1.649	1.824	1.870	1.690	1.463	1.476	140-150	1.041	414.6	99.6,99.6
160	2.130	1.857	1.890	1.971	1.970	1.877	1.817	1.603	150-160	0.8325	415.5	99.8,99.8
170	2.191	2.091	2.210	2.165	1.890	2.104	2.164	2.003	160-170	0.5624	416.0	100,100
180	2.031	2.445	2.438	2.445	2.011	2.431	2.458	2.445	170-180	0.2070	416.2	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

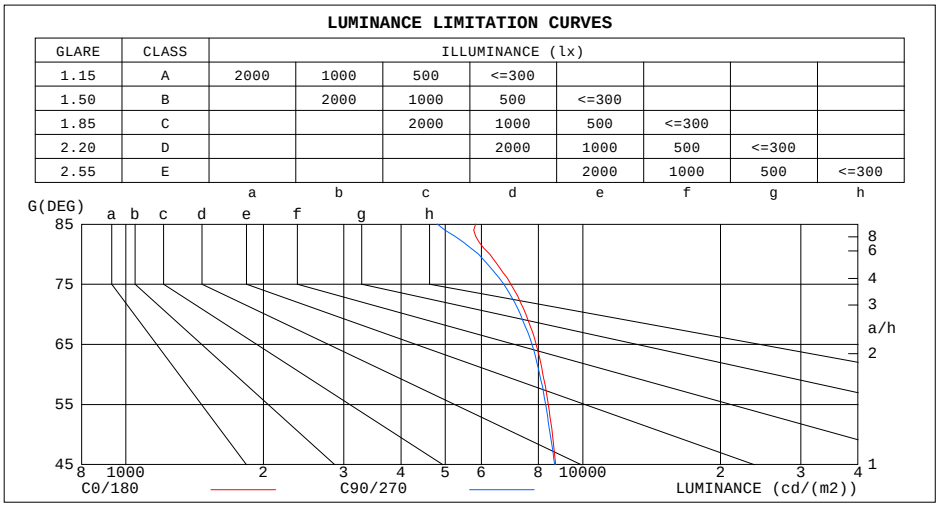
C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:JYH
Test Date:2021-10-22

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-3000K.IES

LUMINANCE LIMITATION CURVES

Test:U:24.00V I:0.3112A P:7.468W PF:1.000 Freq:0Hz Lamp Flux:416.233x1 lm		
NAME: HCP-376408X-3000K	TYPE:	WEIGHT:
SPEC.:HCP-376408X-3000K	DIM.: 1000*15*15mm	SERIAL No.:
MFR.: HAVIT COMMERCIAL	SUR.:1000*15mm	Shielding Angle:



LUMINANCE cd/(m2)		
G(DEG)	C0/180	C90/270
85	5827	4802
80	6252	5917
75	6961	6721
70	7512	7301
65	7899	7739
60	8183	8052
55	8406	8294
50	8576	8484
45	8727	8679

C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:JYH
Test Date:2021-10-22

g Range: 0 - 180DEG
g Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.362
Humidity:65.0%
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Remarks:

IES Flood Report
Photometric Filename: HCP-376408X-3000K.IES

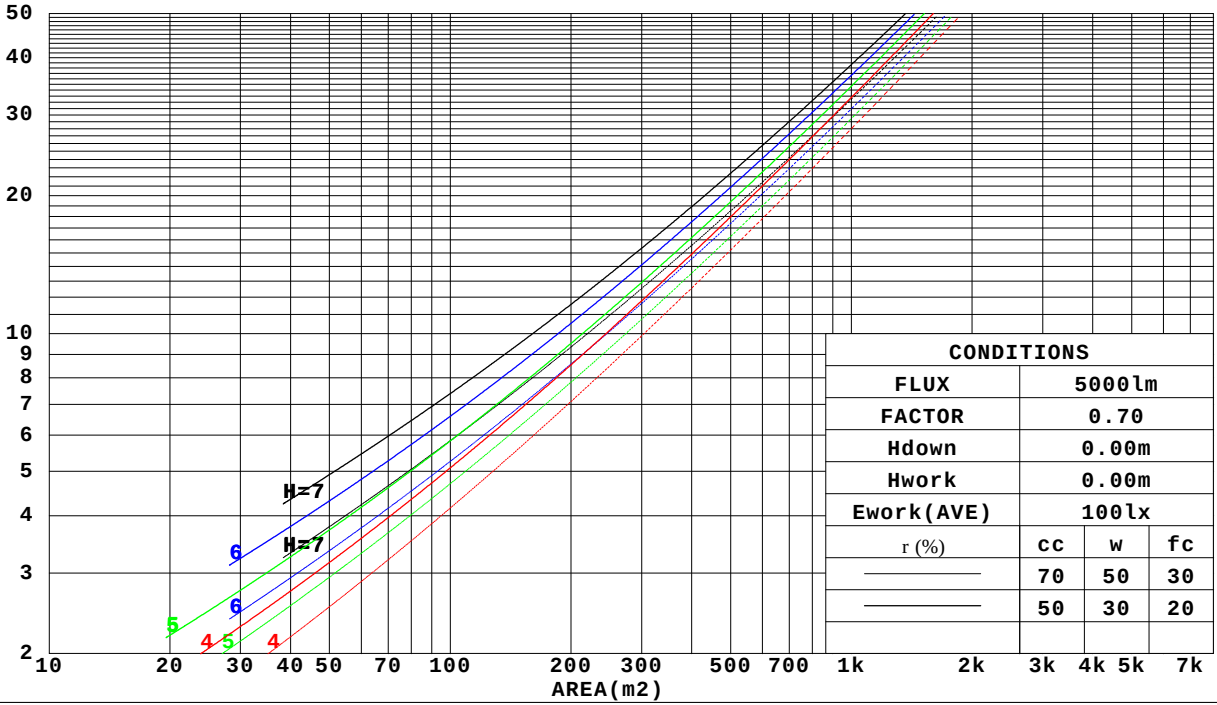
CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:24.00V I:0.3112A P:7.468W PF:1.000 Freq:0Hz Lamp Flux:416.233x1 lm		
NAME: HCP-376408X-3000K	TYPE:	WEIGHT:
SPEC.:HCP-376408X-3000K	DIM.: 1000*15*15mm	SERIAL No.:
MFR.: HAVIT COMMERCIAL	SUR.:1000*15mm	Shielding Angle:

rcc	80%			70%			50%			30%			10%			0
rw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
rfc	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	1.04	1.04	1.04	.00	.00	.00	.97
1.0	1.03	.99	.95	1.01	.97	.93	.96	.93	.90	.91	.89	.86	.87	.85	.83	.81
2.0	.90	.83	.77	.88	.81	.76	.84	.78	.74	.80	.75	.72	.76	.73	.70	.67
3.0	.79	.70	.64	.77	.69	.63	.73	.67	.62	.70	.65	.60	.67	.63	.59	.56
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	.33	.28	.38	.32	.28	.26
10.0	.39	.31	.26	.38	.31	.26	.37	.30	.26	.36	.30	.25	.35	.29	.25	.23

LAMPS

LUMINAIRE BUDGETARY DIAGRAM



CONDITIONS			
FLUX	5000lm		
FACTOR	0.70		
Hdown	0.00m		
Hwork	0.00m		
Ework(AVE)	100lx		
r (%)	cc	w	fc
———	70	50	30
———	50	30	20

C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:JYH
Test Date:2021-10-22

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:

WEC AND CCEC

Test:U:24.00V I:0.3112A P:7.468W PF:1.000 Freq:0Hz Lamp Flux:416.233x1 lm		
NAME: HCP-376408X-3000K	TYPE:	WEIGHT:
SPEC.:HCP-376408X-3000K	DIM.: 1000*15*15mm	SERIAL No.:
MFR.: HAVIT COMMERCIAL	SUR.:1000*15mm	Shielding Angle:

rcc	80%			70%			50%			30%			10%			0
rw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
rfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Wall Exitance Coeffcients(WEC)									
0.0																
1.0	.314	.179	.057	.306	.175	.056	.292	.167	.053	.278	.160	.051	.266	.154	.050	
2.0	.294	.161	.049	.287	.158	.049	.274	.152	.047	.262	.147	.046	.250	.142	.045	
3.0	.271	.144	.043	.265	.142	.043	.253	.137	.042	.242	.133	.041	.232	.129	.040	
4.0	.250	.130	.038	.244	.128	.038	.234	.124	.037	.224	.120	.036	.215	.117	.036	
5.0	.230	.117	.034	.226	.116	.034	.216	.113	.033	.208	.110	.033	.200	.107	.032	
6.0	.214	.107	.031	.209	.106	.030	.201	.103	.030	.193	.100	.030	.186	.098	.029	
7.0	.199	.098	.028	.195	.097	.028	.187	.095	.027	.180	.092	.027	.174	.090	.027	
8.0	.185	.091	.025	.182	.090	.025	.175	.088	.025	.169	.086	.025	.163	.084	.024	
9.0	.174	.084	.023	.171	.083	.023	.164	.081	.023	.159	.080	.023	.153	.078	.023	
10.0	.163	.078	.022	.160	.077	.022	.155	.076	.021	.150	.074	.021	.145	.073	.021	

rcc	80%			70%			50%			30%			10%			0
rw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
rfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Ceiling Cavity Exitance Coefficients(CCEC)									
0.0	.210	.210	.210	.179	.179	.179	.123	.123	.123	.070	.070	.070	.023	.023	.023	
1.0	.200	.176	.154	.171	.151	.132	.117	.104	.091	.067	.060	.053	.022	.019	.017	
2.0	.192	.152	.118	.165	.131	.102	.113	.090	.071	.065	.053	.042	.021	.017	.014	
3.0	.185	.134	.094	.158	.116	.082	.109	.080	.057	.063	.047	.034	.020	.015	.011	
4.0	.177	.121	.078	.152	.105	.068	.104	.073	.048	.060	.043	.028	.019	.014	.009	
5.0	.170	.111	.067	.146	.096	.058	.100	.067	.041	.058	.039	.025	.019	.013	.008	
6.0	.162	.102	.059	.140	.089	.052	.096	.062	.037	.056	.037	.022	.018	.012	.007	
7.0	.156	.096	.053	.134	.083	.047	.092	.058	.033	.054	.034	.020	.017	.011	.006	
8.0	.149	.090	.049	.128	.078	.043	.089	.055	.030	.052	.032	.018	.017	.011	.006	
9.0	.143	.085	.046	.123	.074	.040	.085	.052	.028	.050	.031	.017	.016	.010	.006	
10.0	.137	.081	.043	.118	.070	.037	.082	.049	.027	.048	.029	.016	.016	.010	.005	

C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:JYH
Test Date:2021-10-22

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:

UGR(Unified Glare Rating) Table

Test:U:24.00V I:0.3112A P:7.468W PF:1.000 Freq:0Hz Lamp Flux:416.233x1 lm		
NAME: HCP-376408X-3000K	TYPE:	WEIGHT:
SPEC.:HCP-376408X-3000K	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	23.1	24.6	23.4	24.8	25.1	23.0	24.5	23.3	24.8	25.0
	3H	24.6	26.0	25.0	26.3	26.6	24.5	25.9	24.9	26.2	26.5
	4H	25.2	26.5	25.6	26.8	27.2	25.1	26.4	25.5	26.7	27.0
	6H	25.7	26.9	26.0	27.2	27.5	25.5	26.8	25.9	27.1	27.4
	8H	25.8	27.0	26.2	27.3	27.7	25.6	26.8	26.0	27.2	27.5
	12H	25.9	27.0	26.3	27.4	27.7	25.7	26.9	26.1	27.2	27.6
4H	2H	23.7	25.0	24.0	25.3	25.6	23.6	24.9	24.0	25.2	25.6
	3H	25.4	26.5	25.8	26.9	27.3	25.3	26.5	25.7	26.8	27.2
	4H	26.1	27.2	26.6	27.6	27.9	26.0	27.1	26.5	27.5	27.8
	6H	26.7	27.6	27.1	28.0	28.4	26.6	27.5	27.0	27.9	28.3
	8H	26.9	27.7	27.3	28.2	28.6	26.7	27.6	27.2	28.0	28.5
	12H	27.0	27.8	27.5	28.2	28.7	26.8	27.6	27.3	28.1	28.5
8H	4H	26.4	27.3	26.8	27.7	28.1	26.3	27.2	26.8	27.6	28.0
	6H	27.1	27.8	27.6	28.3	28.7	27.0	27.7	27.5	28.1	28.6
	8H	27.4	28.0	27.9	28.5	29.0	27.2	27.9	27.7	28.3	28.8
	12H	27.6	28.1	28.1	28.6	29.2	27.4	27.9	27.9	28.4	29.0
12H	4H	26.4	27.2	26.9	27.6	28.1	26.3	27.1	26.8	27.5	28.0
	6H	27.1	27.8	27.6	28.2	28.8	27.0	27.7	27.5	28.1	28.6
	8H	27.4	28.0	28.0	28.5	29.0	27.3	27.9	27.8	28.4	28.9
Variations with the observer position at spacings:											
S = 1.0H		+ 0.2 / - 0.2					+ 0.2 / - 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, 416.2 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:2021-10-22

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:0.3112A P:7.468W PF:1.000 Freq:0Hz Lamp Flux:416.233x1 lm		
NAME: HCP-376408X-3000K	TYPE:	WEIGHT:
SPEC.:HCP-376408X-3000K	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	63	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	67
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	98	105	101	97	100	97	93	83
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004	Suspended								SHRNOM = 1.25	

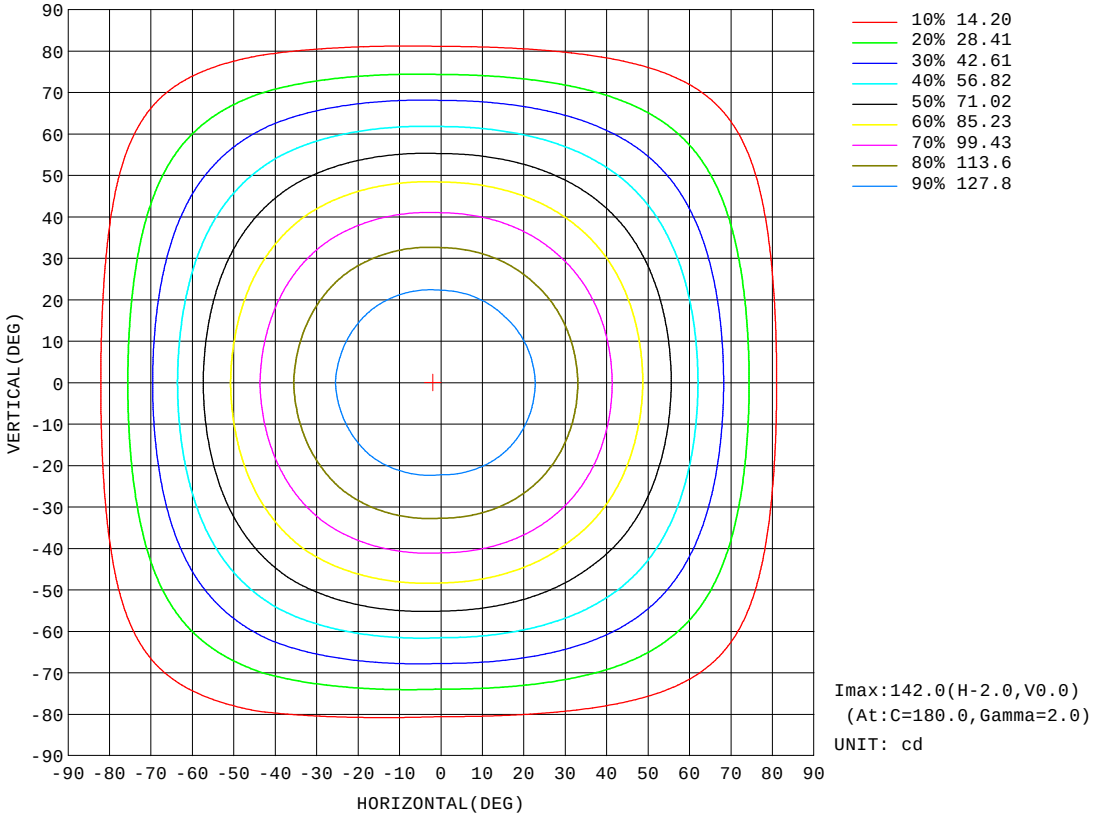
C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
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Test Date:2021-10-22

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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-3000K.IES

ISOCANDELA DIAGRAM

Test:U:24.00V I:0.3112A P:7.468W PF:1.000 Freq:0Hz Lamp Flux:416.233x1 lm		
NAME: HCP-376408X-3000K	TYPE:	WEIGHT:
SPEC.:HCP-376408X-3000K	DIM.: 1000*15*15mm	SERIAL No.:
MFR.: HAVIT COMMERCIAL	SUR.:1000*15mm	Shielding Angle:



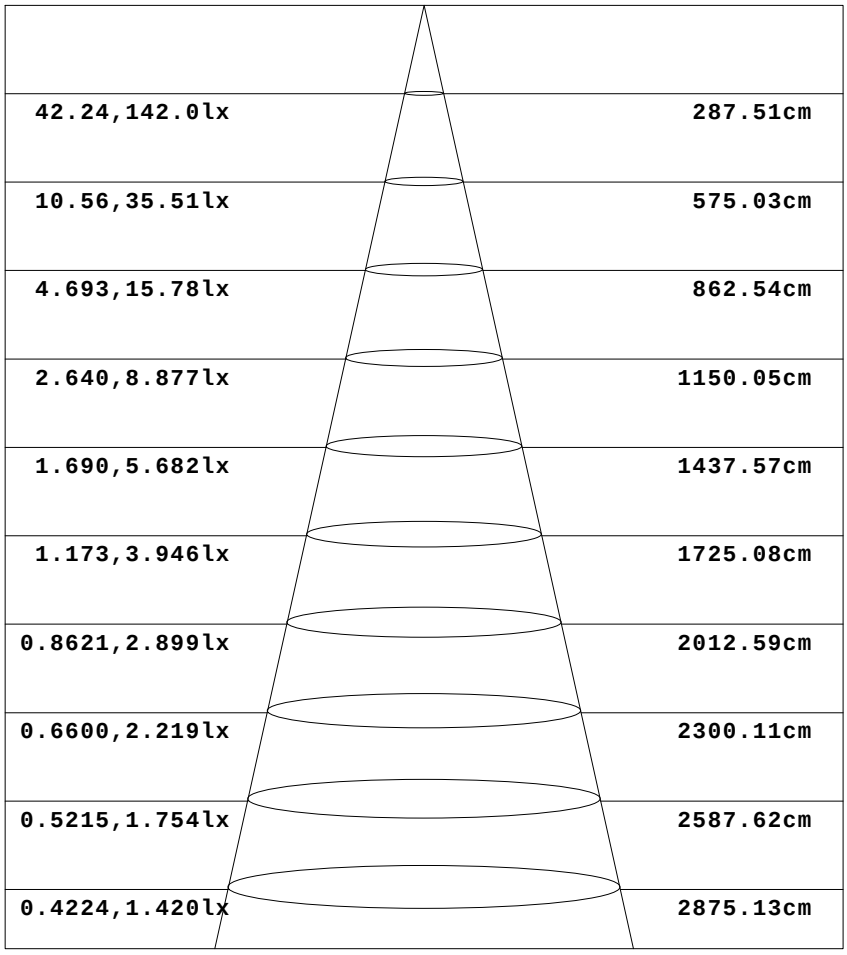
C Range: 0 - 360DEG
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g Range: 0 - 180DEG
g Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.362
Humidity:65.0%
Test Distance:10.950m [K=1.0000]
Remarks:

AAI Figure

Test:U:24.00V I:0.3112A P:7.468W PF:1.000 Freq:0Hz Lamp Flux:416.233x1 lm		
NAME: HCP-376408X-3000K	TYPE:	WEIGHT:
SPEC.:HCP-376408X-3000K	DIM.: 1000*15*15mm	SERIAL No.:
MFR.: HAVIT COMMERCIAL	SUR.:1000*15mm	Shielding Angle:

Flux out:291.7 lm



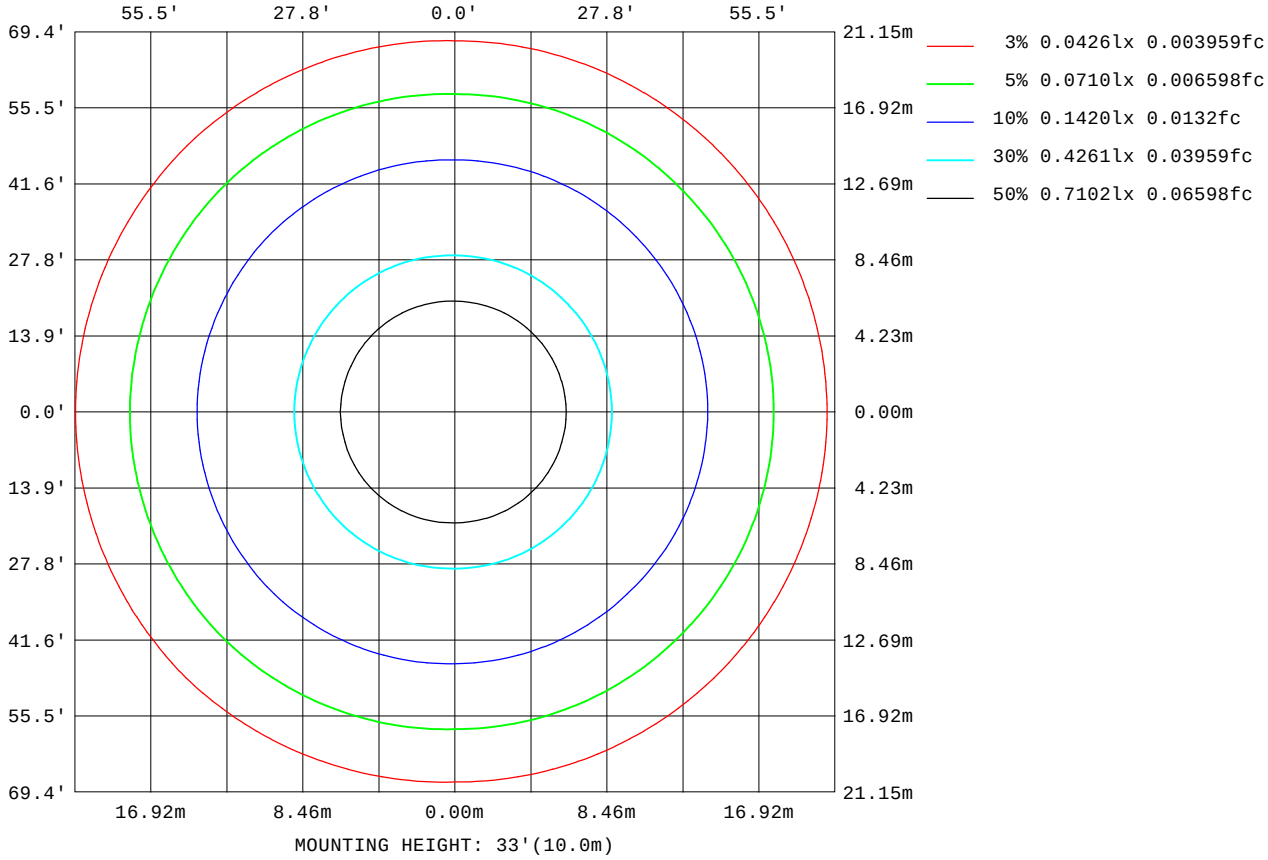
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:JYH
Test Date:2021-10-22

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:

ISOLUX DIAGRAM

Test:U:24.00V I:0.3112A P:7.468W PF:1.000 Freq:0Hz Lamp Flux:416.233x1 lm		
NAME: HCP-376408X-3000K	TYPE:	WEIGHT:
SPEC.:HCP-376408X-3000K	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:2021-10-22

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:0.3112A P:7.468W PF:1.000 Freq:0Hz Lamp Flux:416.233x1 lm		
NAME: HCP-376408X-3000K	TYPE:	WEIGHT:
SPEC.:HCP-376408X-3000K	DIM.: 1000*15*15mm	SERIAL No.:
MFR.: HAVIT COMMERCIAL	SUR.:1000*15mm	Shielding Angle:

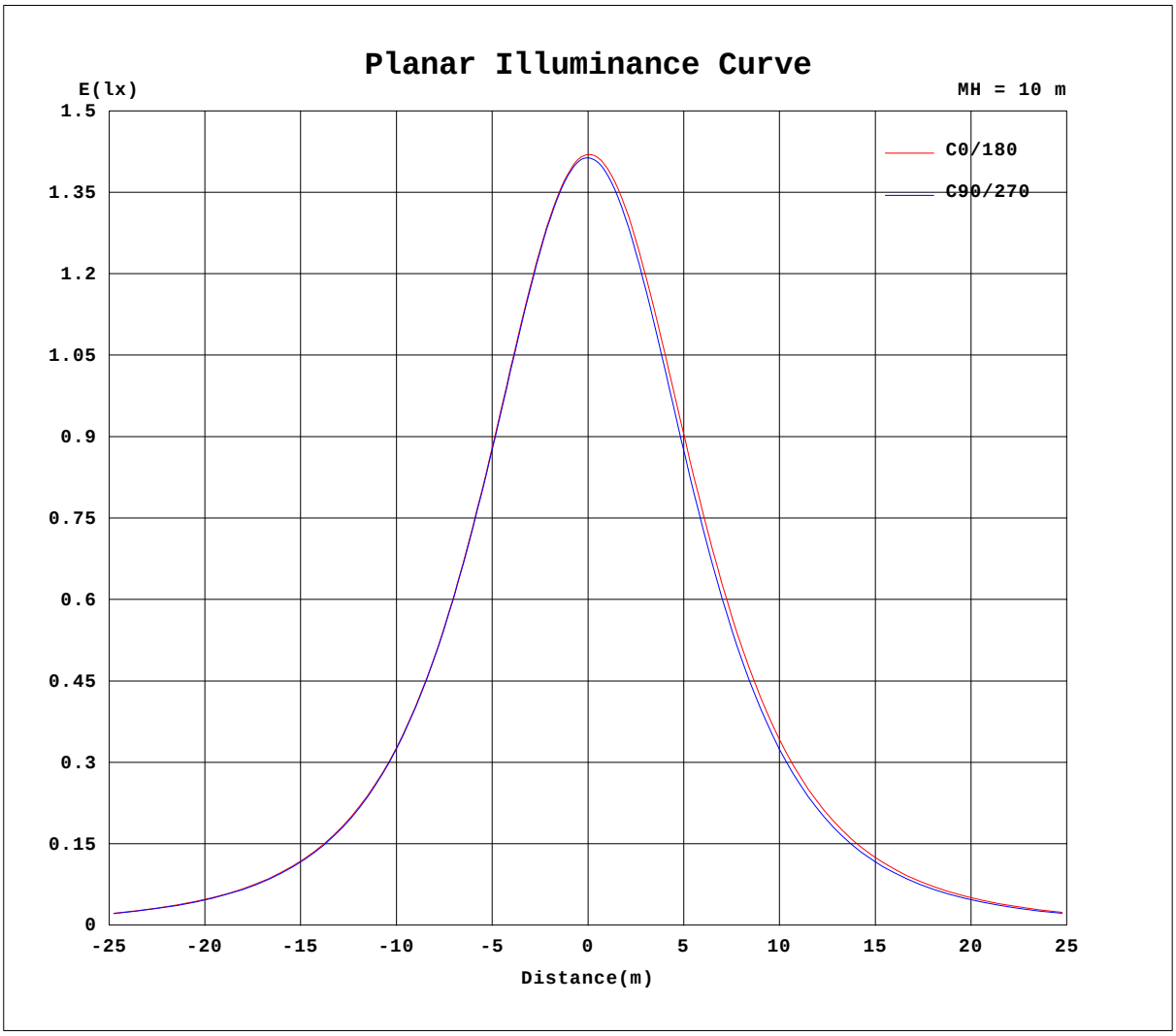
AvgL	cd/m2
L_0~180(65)av	8170
L_0~180(75)av	7319
L_0~180(85)av	6392
L_90~270(65)av	7777
L_90~270(75)av	6819
L_90~270(85)av	5287
L_45(65)av	8080
L_45(75)av	7253
L_45(85)av	6347

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:JYH
Test Date:2021-10-22

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:2021-10-22

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:0.3112A P:7.468W PF:1.000 Freq:0Hz Lamp Flux:416.233x1 lm		
NAME: HCP-376408X-3000K	TYPE:	WEIGHT:
SPEC.:HCP-376408X-3000K	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	142	141	141	142	142	141	141
5	141	141	141	141	142	141	141	140
10	139	139	139	139	140	140	139	138
15	136	135	135	137	138	137	135	135
20	131	131	130	132	134	132	130	130
25	125	125	125	127	128	127	124	124
30	118	118	118	121	122	120	117	117
35	110	110	110	113	115	113	110	110
40	102	102	101	105	106	104	101	101
45	92.6	91.4	92.1	95.4	96.9	95.0	91.9	91.7
50	82.7	80.5	81.8	85.6	86.8	85.2	81.9	81.8
55	72.3	70.5	71.4	75.2	76.2	74.8	71.5	71.5
60	61.4	60.5	60.4	64.3	65.1	64.0	60.6	60.7
65	50.1	49.8	49.1	53.0	53.5	52.6	49.5	49.5
70	38.5	38.3	37.5	41.3	41.7	41.0	38.1	38.1
75	27.0	26.8	26.1	29.7	29.8	29.4	26.9	26.7
80	16.3	15.9	15.4	18.8	18.5	18.3	16.3	16.3
85	7.62	6.94	6.28	9.80	9.09	8.78	7.55	7.68
90	3.30	2.44	1.86	4.40	3.80	3.30	1.90	3.33
95	2.79	2.29	1.72	3.05	2.68	2.43	1.22	2.31
100	2.62	2.11	0.77	2.43	2.41	2.03	0.29	1.62
105	2.41	1.89	0.53	2.07	2.12	1.70	0.48	1.59
110	2.15	1.68	0.65	1.88	1.90	1.49	0.61	1.48
115	2.00	1.59	0.83	1.74	1.78	1.30	0.78	1.23
120	1.88	1.68	1.02	1.64	1.70	1.18	0.90	1.14
125	1.83	1.36	1.14	1.30	1.61	1.12	1.02	1.14
130	1.85	1.47	1.26	1.42	1.64	1.21	1.11	1.25
135	1.90	1.62	1.38	1.53	1.68	1.37	1.21	1.38
140	1.92	1.70	1.48	1.62	1.76	1.49	1.29	1.40
145	2.00	1.74	1.57	1.74	1.81	1.60	1.38	1.46
150	2.00	1.78	1.65	1.82	1.87	1.69	1.46	1.48
155	2.06	1.83	1.73	1.90	1.94	1.78	1.62	1.57
160	2.13	1.86	1.89	1.97	1.97	1.88	1.82	1.60
165	2.20	1.94	2.02	2.06	1.99	2.00	1.98	1.78
170	2.19	2.09	2.21	2.16	1.89	2.10	2.16	2.00
175	2.05	2.27	2.32	2.30	1.89	2.22	2.35	2.20
180	2.03	2.44	2.44	2.44	2.01	2.43	2.46	2.44

C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
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γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.362
Humidity:65.0%
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