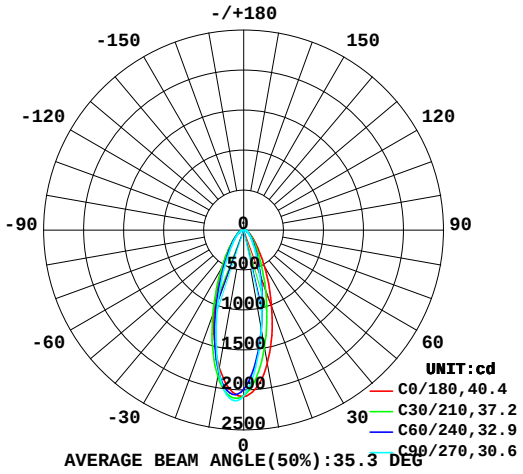
LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:24.00V I:0.7634A P:18.32W PF:1.000 Freq:0Hz Lamp Flux:1313.04x1 lm		
NAME: LED STRIPS FLEX WALL WASHER	TYPE:	WEIGHT:
SPEC.:6000K/30*45°	DIM.:	SERIAL No.:
MFR.: Havit Commercial	SUR.:1000*25mm	Shielding Angle:

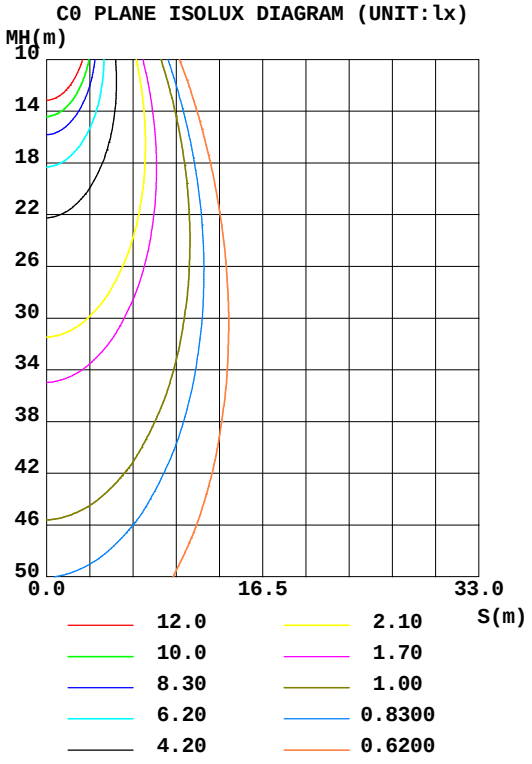
DATA OF LAMP		PHOTOMETRIC DATA		Eff: 71.67 lm/W	
MODEL	HCP-247186-45	Imax(cd)	2140	S/MH(C0/180)	0.65
NOMINAL POWER(W)	18	LOR(%)	100.0	S/MH(C90/270)	0.61
RATED VOLTAGE(V)	24	TOTAL FLUX(lm)	1313.0	η UP,DN(C0-180)	0.0,43.9
NOMINAL FLUX(lm)	1313.04	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.1,56.0
LAMPS INSIDE	1	η up(%)	0.1	CIBSE SHR NOM	0.50
TEST VOLTAGE(V)	24	η down(%)	99.9	CIBSE SHR MAX	0.60

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



AVERAGE BEAM ANGLE(50%):35.3 DEG

C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25DEG
Operators:Qin Meng
Test Date:2022-07-16

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.362
Humidity:65.0%
Test Distance:8.540m [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	1700	1412	1273	1448	1753	1850	1793	1786	0- 10	175.1	175.1	13.3,13.3
20	1027	712.0	594.4	741.3	1081	1064	936.6	1000	10- 20	342.3	517.3	39.4,39.4
30	516.6	337.0	284.1	356.2	549.2	509.4	429.5	472.6	20- 30	288.4	805.7	61.4,61.4
40	252.1	182.0	158.1	187.1	262.7	250.8	214.9	235.8	30- 40	192.2	997.9	76,76
50	137.7	107.6	93.05	109.6	143.9	138.5	125.3	132.0	40- 50	126.9	1125	85.7,85.7
60	81.46	63.30	54.12	64.25	84.39	80.05	72.87	76.85	50- 60	85.24	1210	92.2,92.2
70	48.18	37.47	31.42	37.87	49.41	46.03	41.02	44.61	60- 70	55.12	1265	96.4,96.4
80	24.49	18.65	15.45	18.91	25.19	25.16	22.54	24.57	70- 80	33.27	1298	98.9,98.9
90	0.0156	0.2009	0.2837	0.2924	0	5.914	7.883	5.829	80- 90	12.96	1311	99.9,99.9
100	0	0	0	0	0.0139	0.0322	0.0184	0.0230	90-100	0.5045	1312	99.9,99.9
110	0	0.0138	0	0.0000	0.0736	0.0230	0.0277	0.0230	100-110	0.0148	1312	99.9,99.9
120	0.0322	0.0736	0	0.0460	0.1793	0.0780	0.0829	0.0780	110-120	0.0420	1312	99.9,99.9
130	0.1193	0.1793	0.0916	0.1288	0.3357	0.2158	0.1979	0.2066	120-130	0.1091	1312	99.9,99.9
140	0.2481	0.3035	0.2341	0.2621	0.4873	0.4044	0.4140	0.4180	130-140	0.2011	1312	99.9,99.9
150	0.3492	0.4413	0.3998	0.4046	0.6390	0.6019	0.6576	0.6433	140-150	0.2718	1313	100,100
160	0.4733	0.5608	0.5275	0.5286	0.7445	0.7077	0.7433	0.7720	150-160	0.2702	1313	100,100
170	0.6065	0.6527	0.6158	0.6205	0.7647	0.7235	0.7077	0.7729	160-170	0.1876	1313	100,100
180	0.7262	0.7124	0.6526	0.7078	0.7583	0.7216	0.6710	0.7170	170-180	0.0664	1313	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 1067.5 lm

%lum = 81.3%
%lamp = 81.3%

Conical surface Flux(120deg): 1210 lm

%lum = 92.2%
%lamp = 92.2%

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25DEG
Operators:Qin Meng
Test Date:2022-07-16

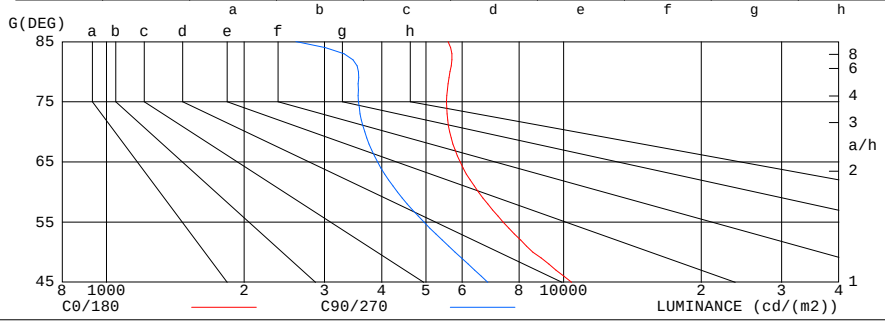
γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.362
Humidity:65.0%
Test Distance:8.540m [K=1.0000]
Remarks:

LUMINANCE LIMITATION CURVES

Test:U:24.00V I:0.7634A P:18.32W PF:1.000 Freq:0Hz Lamp Flux:1313.04x1 lm		
NAME: LED STRIPS FLEX WALL WASHER	TYPE:	WEIGHT:
SPEC.:6000K/30*45°	DIM.:	SERIAL No.:
MFR.: Havit Commercial	SUR.:1000*25mm	Shielding Angle:

LUMINANCE LIMITATION CURVES

GLARE	CLASS	ILLUMINANCE (lx)							
1.15	A	2000	1000	500	<=300				
1.50	B		2000	1000	500	<=300			
1.85	C			2000	1000	500	<=300		
2.20	D				2000	1000	500	<=300	
2.55	E					2000	1000	500	<=300
		a	b	c	d	e	f	g	h



LUMINANCE cd/(m2)		
G(DEG)	C0/180	C90/270
85	5592	2598
80	5642	3560
75	5546	3558
70	5635	3675
65	5943	3921
60	6517	4330
55	7379	4950
50	8566	5790
45	10410	6829

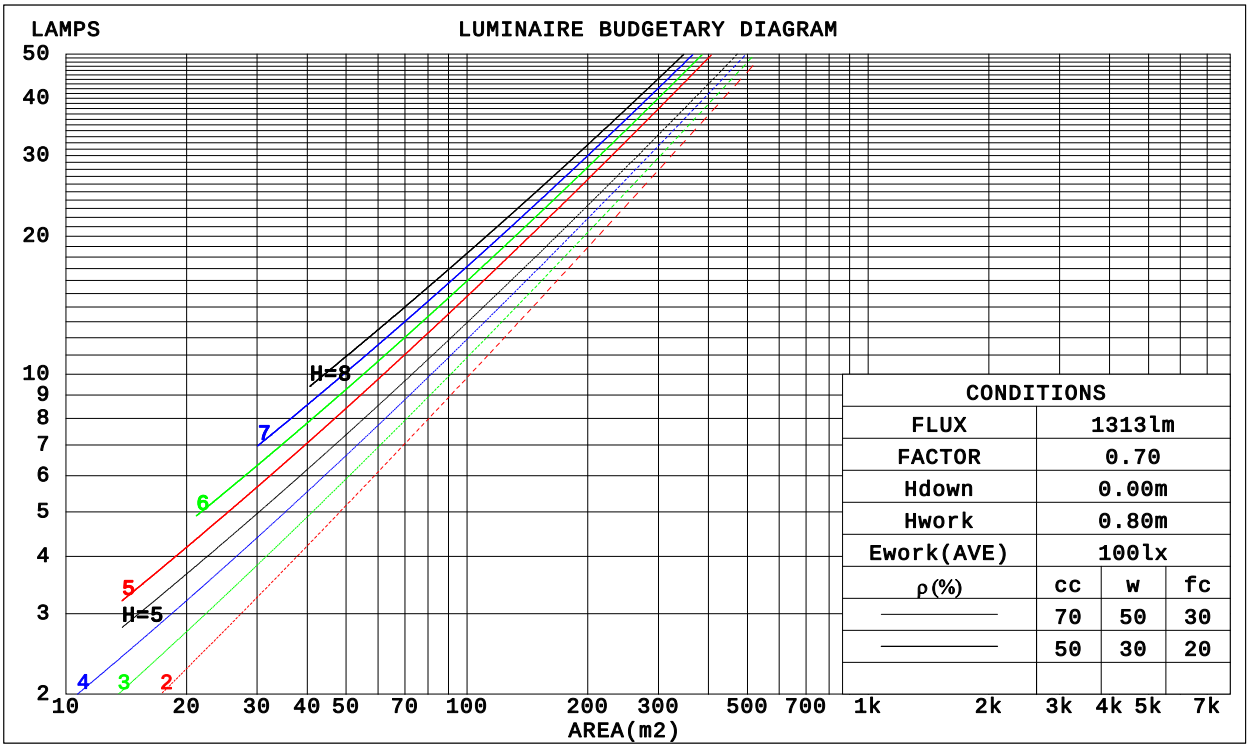
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25DEG
Operators:Qin Meng
Test Date:2022-07-16

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.362
Humidity:65.0%
Test Distance:8.540m [K=1.0000]
Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:24.00V I:0.7634A P:18.32W PF:1.000 Freq:0Hz Lamp Flux:1313.04x1 lm		
NAME: LED STRIPS FLEX WALL WASHER	TYPE:	WEIGHT:
SPEC.:6000K/30*45°	DIM.:	SERIAL No.:
MFR.: Havit Commercial	SUR.:1000*25mm	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	1.19	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	1.09	1.06	1.03	1.06	1.04	1.01	1.02	1.00	.98	.98	.97	.95	.95	.94	.92	.90
2.0	.99	.95	.91	.98	.93	.90	.94	.91	.88	.91	.88	.86	.88	.86	.84	.82
3.0	.92	.86	.81	.90	.85	.80	.87	.83	.79	.85	.81	.78	.83	.79	.77	.75
4.0	.85	.79	.74	.84	.78	.73	.81	.76	.72	.79	.75	.71	.77	.74	.71	.69
5.0	.79	.72	.68	.78	.72	.67	.76	.71	.67	.74	.70	.66	.73	.69	.65	.64
6.0	.74	.67	.62	.73	.67	.62	.71	.66	.62	.70	.65	.61	.69	.64	.61	.59
7.0	.69	.63	.58	.69	.62	.58	.67	.62	.58	.66	.61	.57	.65	.60	.57	.55
8.0	.65	.59	.54	.65	.59	.54	.64	.58	.54	.63	.57	.54	.62	.57	.54	.52
9.0	.62	.55	.51	.61	.55	.51	.60	.55	.51	.59	.54	.51	.58	.54	.51	.49
10.0	.59	.52	.48	.58	.52	.48	.57	.52	.48	.56	.52	.48	.56	.51	.48	.46



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25DEG
Operators:Qin Meng
Test Date:2022-07-16

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.362
Humidity:65.0%
Test Distance:8.540m [K=1.0000]
Remarks:

WEC AND CCEC

Test:U:24.00V I:0.7634A P:18.32W PF:1.000 Freq:0Hz Lamp Flux:1313.04x1 lm		
NAME: LED STRIPS FLEX WALL WASHER	TYPE:	WEIGHT:
SPEC.:6000K/30*45°	DIM.:	SERIAL No.:
MFR.: Havit Commercial	SUR.:1000*25mm	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	.218	.124	.039	.211	.120	.038	.198	.114	.036	.186	.108	.035	.175	.102	.033	
2.0	.205	.112	.034	.199	.110	.034	.188	.104	.032	.178	.100	.031	.168	.095	.030	
3.0	.191	.102	.030	.186	.100	.030	.177	.096	.029	.168	.092	.028	.160	.089	.027	
4.0	.179	.093	.027	.174	.091	.027	.166	.088	.026	.159	.085	.026	.151	.082	.025	
5.0	.168	.085	.025	.164	.084	.024	.157	.082	.024	.150	.079	.024	.144	.077	.023	
6.0	.158	.079	.023	.154	.078	.022	.148	.076	.022	.142	.074	.022	.136	.072	.021	
7.0	.149	.073	.021	.146	.073	.021	.140	.071	.020	.135	.069	.020	.130	.067	.020	
8.0	.140	.069	.019	.138	.068	.019	.133	.066	.019	.128	.065	.019	.124	.063	.018	
9.0	.133	.064	.018	.131	.064	.018	.126	.062	.018	.122	.061	.018	.118	.060	.017	
10.0	.127	.061	.017	.124	.060	.017	.120	.059	.017	.117	.058	.016	.113	.057	.016	

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	.191	.191	.191	.164	.164	.164	.112	.112	.112	.064	.064	.064	.021	.021	.021	
1.0	.175	.158	.143	.150	.136	.123	.102	.093	.085	.059	.054	.049	.019	.017	.016	
2.0	.162	.133	.110	.138	.115	.095	.095	.079	.066	.055	.046	.039	.018	.015	.013	
3.0	.150	.115	.086	.129	.099	.075	.088	.069	.053	.051	.040	.031	.016	.013	.010	
4.0	.140	.100	.070	.121	.087	.061	.083	.060	.043	.048	.035	.025	.015	.012	.008	
5.0	.132	.089	.058	.113	.077	.050	.078	.054	.035	.045	.032	.021	.015	.010	.007	
6.0	.124	.080	.048	.107	.069	.042	.074	.048	.030	.043	.029	.018	.014	.009	.006	
7.0	.117	.073	.041	.101	.063	.036	.070	.044	.025	.041	.026	.015	.013	.009	.005	
8.0	.111	.066	.035	.096	.058	.031	.066	.040	.022	.039	.024	.013	.012	.008	.004	
9.0	.106	.061	.031	.091	.053	.027	.063	.037	.019	.037	.022	.011	.012	.007	.004	
10.0	.101	.057	.027	.087	.049	.024	.060	.035	.017	.035	.020	.010	.011	.007	.003	

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25DEG
Operators:Qin Meng
Test Date:2022-07-16

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.362
Humidity:65.0%
Test Distance:8.540m [K=1.0000]
Remarks:

UGR(Unified Glare Rating) Table

Test:U:24.00V I:0.7634A P:18.32W PF:1.000 Freq:0Hz Lamp Flux:1313.04x1 lm		
NAME: LED STRIPS FLEX WALL WASHER	TYPE:	WEIGHT:
SPEC.:6000K/30*45°	DIM.:	SERIAL No.:
MFR.: Havit Commercial	SUR.:1000*25mm	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	16.2	17.3	16.4	17.5	17.6	14.3	15.3	14.5	15.5	15.7
3H	17.3	18.3	17.5	18.5	18.7	15.2	16.2	15.4	16.4	16.6
4H	17.8	18.7	18.1	19.0	19.2	15.6	16.5	15.9	16.8	17.0
6H	18.3	19.2	18.6	19.4	19.7	16.0	16.9	16.3	17.1	17.4
8H	18.5	19.3	18.8	19.6	19.9	16.1	17.0	16.4	17.3	17.5
12H	18.6	19.5	19.0	19.7	20.0	16.2	17.0	16.5	17.3	17.6
4H 2H	16.4	17.4	16.7	17.6	17.8	14.8	15.7	15.1	15.9	16.2
3H	17.7	18.5	18.0	18.8	19.1	15.9	16.7	16.2	17.0	17.3
4H	18.4	19.1	18.7	19.4	19.7	16.5	17.2	16.8	17.5	17.8
6H	19.0	19.7	19.4	20.0	20.4	17.0	17.6	17.4	18.0	18.3
8H	19.3	19.9	19.7	20.3	20.6	17.2	17.8	17.6	18.2	18.5
12H	19.5	20.1	19.9	20.5	20.9	17.3	17.9	17.7	18.2	18.6
8H 4H	18.5	19.1	18.9	19.5	19.8	16.8	17.4	17.2	17.8	18.1
6H	19.3	19.8	19.7	20.2	20.6	17.5	18.0	17.9	18.4	18.8
8H	19.7	20.1	20.1	20.5	21.0	17.7	18.2	18.2	18.6	19.1
12H	20.0	20.4	20.4	20.8	21.3	17.9	18.3	18.4	18.8	19.2
12H 4H	18.5	19.1	18.9	19.4	19.8	16.8	17.4	17.2	17.8	18.2
6H	19.3	19.8	19.8	20.2	20.6	17.6	18.0	18.0	18.4	18.9
8H	19.7	20.1	20.2	20.6	21.0	17.9	18.3	18.4	18.7	19.2
Variations with the observer position at spacings:										
S = 1.0H	+ 0.4 / - 0.4					+ 0.4 / - 0.4				
1.5H	+ 0.6 / - 0.4					+ 0.2 / - 0.3				
2.0H	+ 0.8 / - 0.5					+ 0.5 / - 0.5				

CIE Pub.117, 1313 lm Total Lamp Luminous Flux Correct (8log(F/F0) = 0.9)

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25DEG
Operators:Qin Meng
Test Date:2022-07-16

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.362
Humidity:65.0%
Test Distance:8.540m [K=1.0000]
Remarks:

UTILIZATION FACTORS TABLE

Test:U:24.00V I:0.7634A P:18.32W PF:1.000 Freq:0Hz Lamp Flux:1313.04x1 lm		
NAME: LED STRIPS FLEX WALL WASHER	TYPE:	WEIGHT:
SPEC.:6000K/30*45°	DIM.:	SERIAL No.:
MFR.: Havit Commercial	SUR.:1000*25mm	Shielding Angle:

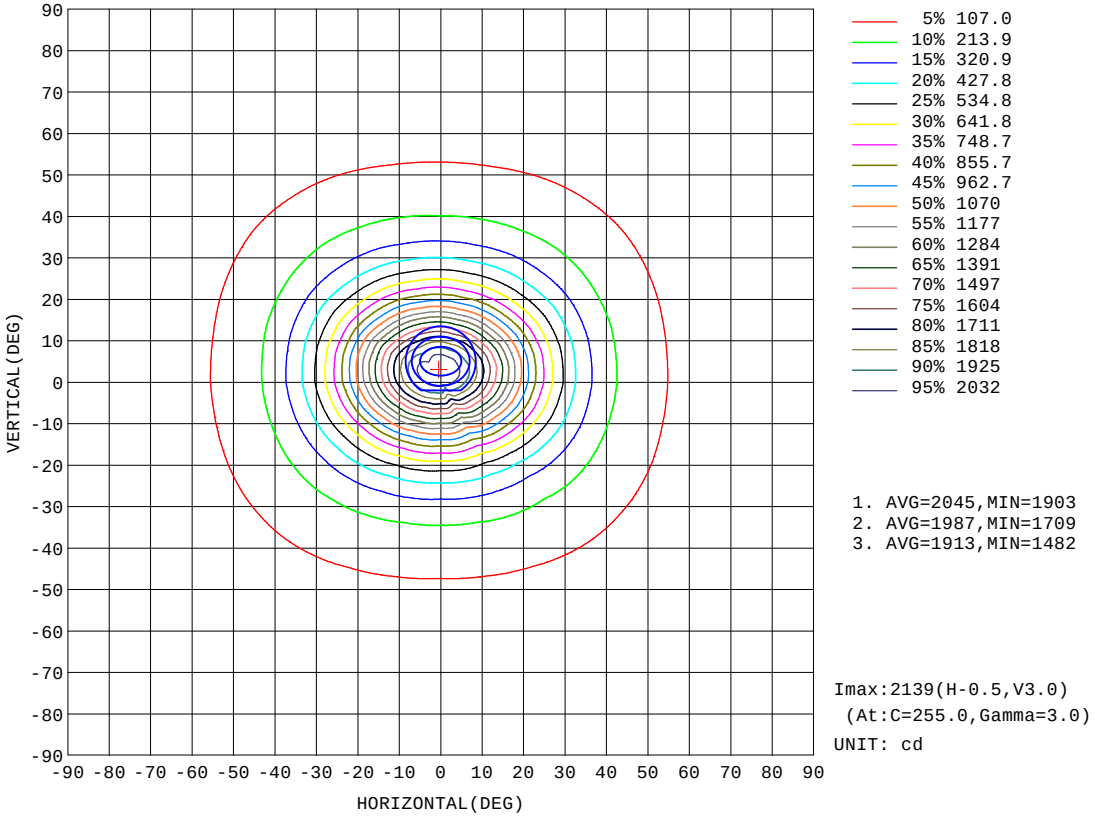
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) k(RI) x RCR = 5									
k = 0.60	77	68	64	76	68	63	75	68	63	59
0.80	85	77	72	84	77	72	83	76	72	67
1.00	91	84	79	90	83	78	88	83	78	73
1.25	96	89	84	95	88	84	93	87	83	78
1.50	100	93	88	98	92	88	96	91	87	81
2.00	104	98	94	102	97	93	99	95	91	85
2.50	106	101	97	104	100	96	101	97	94	87
3.00	108	104	100	106	102	99	103	99	97	90
4.00	111	107	104	109	106	103	105	102	100	92
5.00	113	109	107	110	108	105	106	104	102	94
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:2022-07-16

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.362
Humidity:65.0%
Test Distance:8.540m [K=1.0000]
Remarks:

ISOCANDELA DIAGRAM

Test:U:24.00V I:0.7634A P:18.32W PF:1.000 Freq:0Hz Lamp Flux:1313.04x1 lm		
NAME: LED STRIPS FLEX WALL WASHER	TYPE:	WEIGHT:
SPEC.:6000K/30*45°	DIM.:	SERIAL No.:
MFR.: Havit Commercial	SUR.:1000*25mm	Shielding Angle:



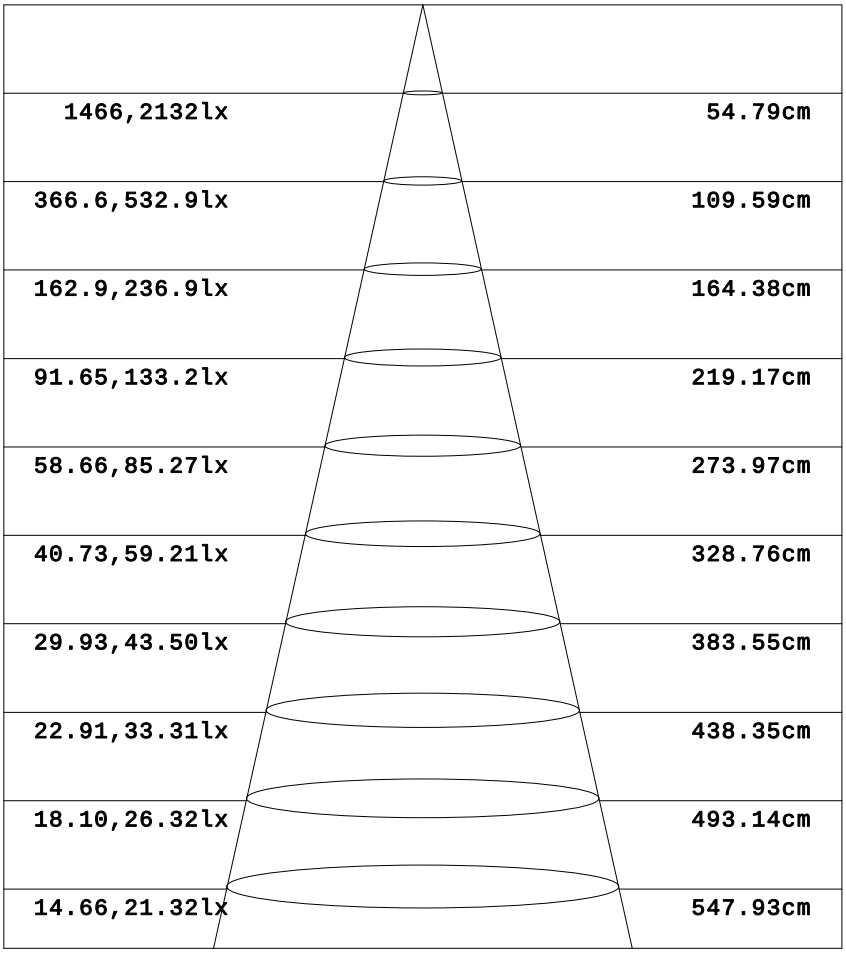
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25DEG
Operators:Qin Meng
Test Date:2022-07-16

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.362
Humidity:65.0%
Test Distance:8.540m [K=1.0000]
Remarks:

AAI Figure

Test:U:24.00V I:0.7634A P:18.32W PF:1.000 Freq:0Hz Lamp Flux:1313.04x1 lm		
NAME: LED STRIPS FLEX WALL WASHER	TYPE:	WEIGHT:
SPEC.:6000K/30*45°	DIM.:	SERIAL No.:
MFR.: Havit Commercial	SUR.:1000*25mm	Shielding Angle:

Flux out:378.8 lm



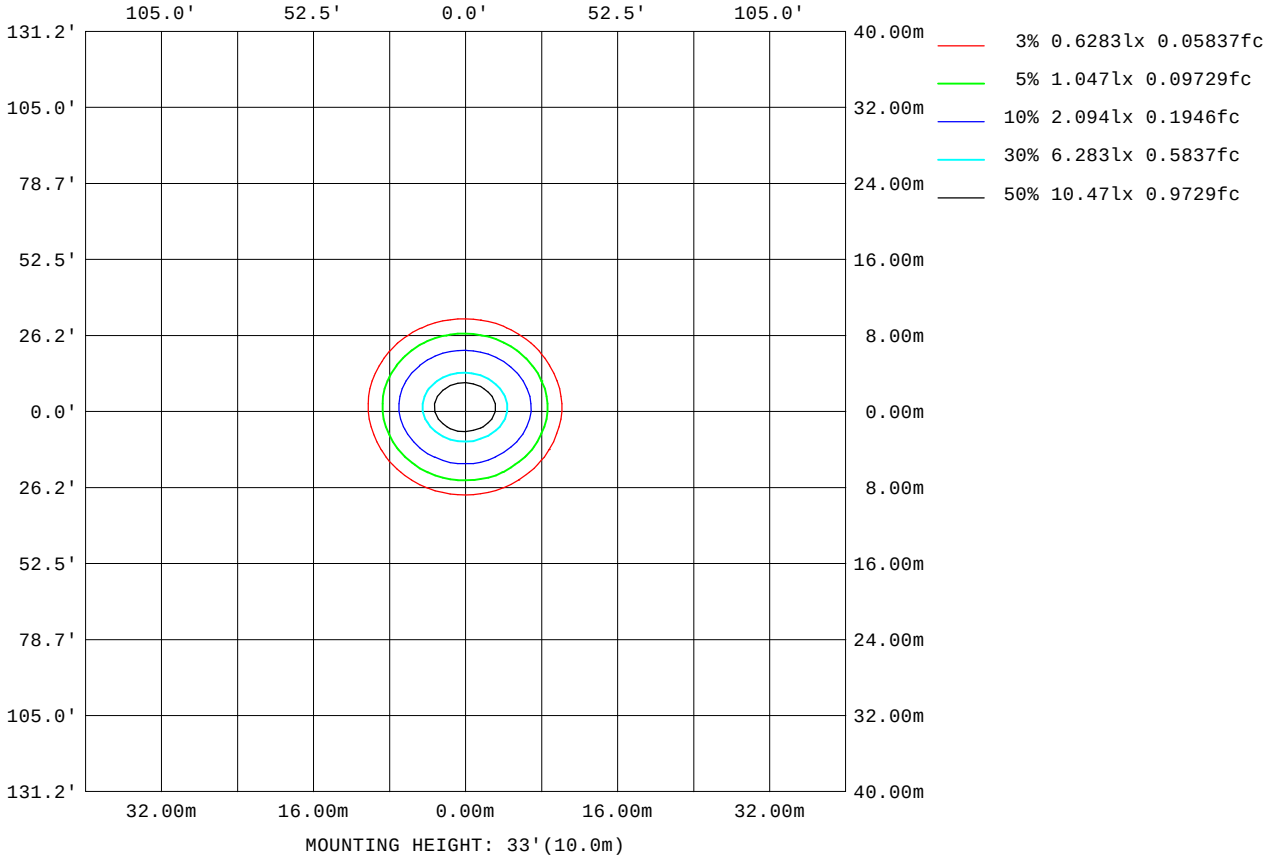
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25DEG
Operators:Qin Meng
Test Date:2022-07-16

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.362
Humidity:65.0%
Test Distance:8.540m [K=1.0000]
Remarks:

ISOLUX DIAGRAM

Test:U:24.00V I:0.7634A P:18.32W PF:1.000 Freq:0Hz Lamp Flux:1313.04x1 lm		
NAME: LED STRIPS FLEX WALL WASHER	TYPE:	WEIGHT:
SPEC.:6000K/30*45°	DIM.:	SERIAL No.:
MFR.: Havit Commercial	SUR.:1000*25mm	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25DEG
Operators:Qin Meng
Test Date:2022-07-16

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.362
Humidity:65.0%
Test Distance:8.540m [K=1.0000]
Remarks:

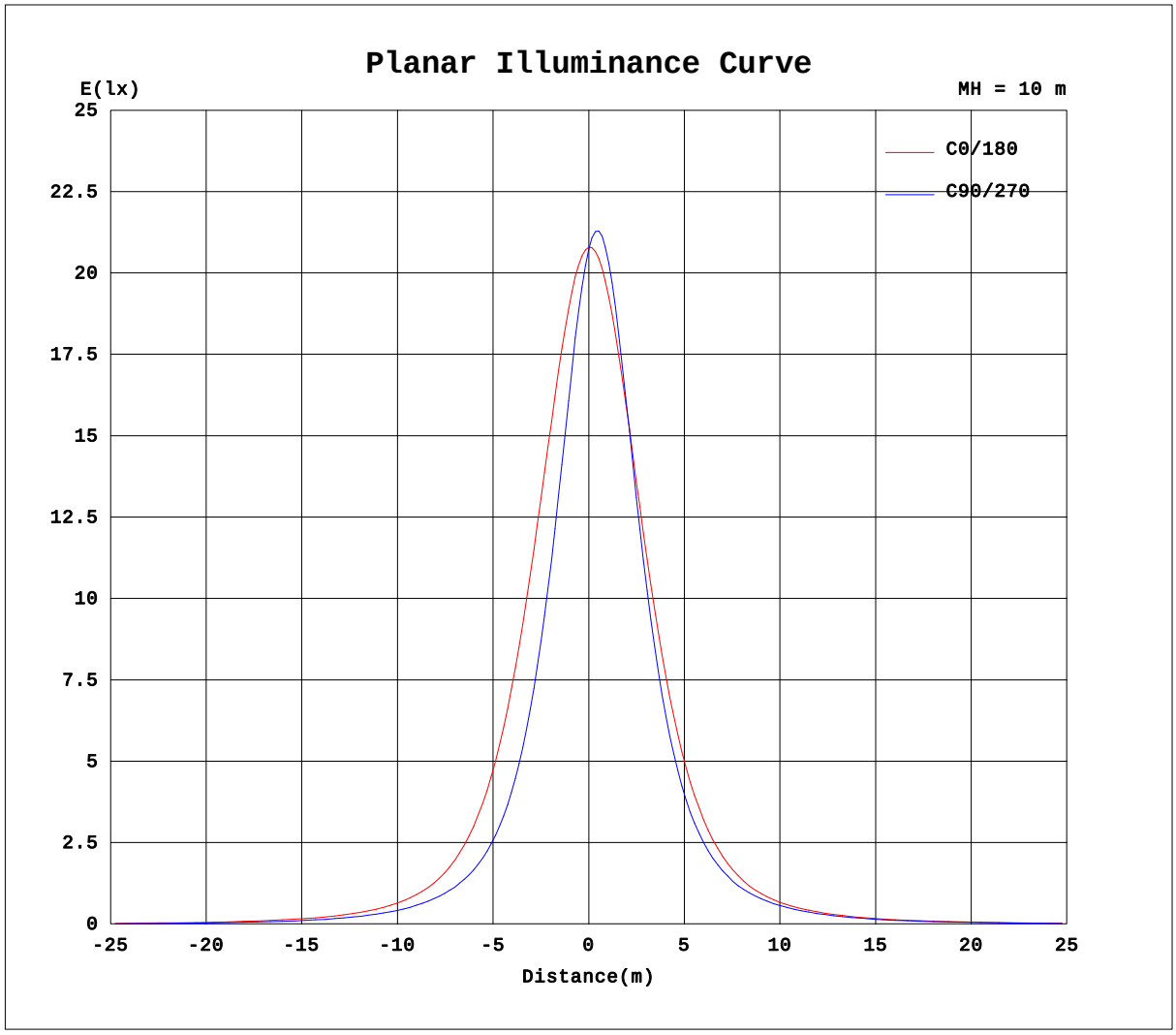
LED Avg.L Report

Test:U:24.00V I:0.7634A P:18.32W PF:1.000 Freq:0Hz Lamp Flux:1313.04x1 lm		
NAME: LED STRIPS FLEX WALL WASHER	TYPE:	WEIGHT:
SPEC.:6000K/30*45°	DIM.:	SERIAL No.:
MFR.: Havit Commercial	SUR.:1000*25mm	Shielding Angle:

AvgL	cd/m2
L_0~180(65)av	6031
L_0~180(75)av	5618
L_0~180(85)av	5726
L_90~270(65)av	4546
L_90~270(75)av	4155
L_90~270(85)av	4871
L_45(65)av	5145
L_45(75)av	4801
L_45(85)av	5550

Standard: GB/T 29293-2012

Planar Illuminance Curve



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25DEG
Operators:Qin Meng
Test Date:2022-07-16

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.362
Humidity:65.0%
Test Distance:8.540m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:24.00V I:0.7634A P:18.32W PF:1.000 Freq:0Hz Lamp Flux:1313.04x1 lm		
NAME: LED STRIPS FLEX WALL WASHER	TYPE:	WEIGHT:
SPEC.:6000K/30*45°	DIM.:	SERIAL No.:
MFR.: Havit Commercial	SUR.:1000*25mm	Shielding Angle:

Table--1 UNIT: cd

γ (DEG) \ C(DEG)	0	15	30	45	60	75	90	105	120	135	150	165	180	195	210	225	240	255	270
0	2080	2077	2072	2077	1991	2080	2075	2081	2078	2083	2079	2083	2080	2077	2072	2077	1991	2080	2075
5	1967	1913	1846	1804	1677	1744	1727	1755	1776	1834	1880	1945	1998	2041	2080	2097	2042	2107	2104
10	1700	1612	1495	1412	1267	1300	1273	1311	1351	1448	1535	1654	1753	1819	1863	1850	1801	1807	1793
15	1365	1262	1126	1025	904	904	882	913	959	1057	1159	1301	1420	1488	1514	1458	1409	1365	1344
20	1027	934	809	712	625	613	594	619	657	741	836	967	1081	1135	1136	1064	1015	956	937
25	740	664	567	484	436	417	405	421	450	511	584	688	783	819	807	744	698	647	634
30	517	464	397	337	310	293	284	295	315	356	408	479	549	570	558	509	475	439	430
35	358	325	281	241	226	211	208	212	228	252	288	335	380	393	384	352	329	306	300
40	252	228	205	182	170	160	158	161	172	187	210	235	263	274	266	251	234	222	215
45	184	169	154	140	129	124	121	124	131	143	158	174	191	198	193	185	175	168	162
50	138	129	117	108	99.4	95.1	93.0	95.7	101	110	120	132	144	149	145	138	133	127	125
55	106	99.3	89.8	82.5	76.0	72.6	71.0	73.1	76.9	83.9	91.7	101	110	112	110	105	102	97.7	96.3
60	81.5	76.5	69.2	63.3	58.2	55.4	54.1	55.7	58.8	64.2	70.4	77.8	84.4	85.5	84.0	80.0	77.3	73.9	72.9
65	62.8	59.1	53.5	48.9	44.7	42.4	41.4	42.6	45.1	49.5	54.3	59.9	64.6	65.3	64.0	60.6	58.2	55.4	54.6
70	48.2	45.5	41.2	37.5	34.1	32.3	31.4	32.4	34.4	37.9	41.5	45.9	49.4	49.9	48.8	46.0	43.9	41.6	41.0
75	35.9	33.8	30.5	27.7	25.1	23.7	23.0	23.9	25.3	28.0	30.7	33.9	36.8	37.4	36.8	34.7	32.9	31.2	30.7
80	24.5	22.8	20.4	18.7	16.8	16.0	15.5	16.1	17.0	18.9	20.6	22.8	25.2	26.2	26.4	25.2	24.1	22.8	22.5
85	12.2	10.5	8.71	7.72	6.32	6.01	5.66	6.23	6.74	8.08	8.88	10.4	12.8	14.6	16.5	16.5	16.4	15.7	15.6
90	0.02	0.17	0.17	0.20	0.25	0.26	0.28	0.32	0.33	0.29	0.22	0.14	0.00	1.42	4.26	5.91	7.50	7.63	7.88
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	0.01	0.01	0.09	0.08	0.23	0.30
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	0.01	0.00	0.01	0.03	0.03	0.03	0.02
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	0.04	0.00	0.03	0.02	0.03	0.02	0.02
110	0.00	0.02	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07	0.03	0.06	0.02	0.04	0.02	0.03
115	0.00	0.05	0.01	0.04	0.00	0.02	0.00	0.02	0.00	0.02	0.00	0.02	0.12	0.06	0.10	0.03	0.06	0.03	0.05
120	0.03	0.08	0.04	0.07	0.05	0.04	0.00	0.04	0.00	0.05	0.02	0.06	0.18	0.12	0.14	0.08	0.10	0.04	0.08
125	0.07	0.13	0.09	0.12	0.05	0.09	0.03	0.08	0.03	0.08	0.05	0.10	0.25	0.19	0.21	0.13	0.15	0.10	0.13
130	0.12	0.18	0.13	0.18	0.11	0.14	0.09	0.12	0.08	0.13	0.11	0.14	0.34	0.28	0.29	0.22	0.23	0.17	0.20
135	0.17	0.23	0.19	0.23	0.18	0.21	0.16	0.19	0.14	0.19	0.16	0.20	0.40	0.36	0.38	0.31	0.32	0.26	0.28
140	0.25	0.30	0.26	0.30	0.26	0.29	0.23	0.26	0.21	0.26	0.22	0.26	0.49	0.47	0.48	0.40	0.44	0.37	0.41
145	0.28	0.36	0.33	0.38	0.33	0.37	0.32	0.35	0.30	0.34	0.28	0.32	0.57	0.54	0.57	0.51	0.54	0.49	0.54
150	0.35	0.43	0.39	0.44	0.40	0.45	0.40	0.44	0.39	0.40	0.35	0.38	0.64	0.62	0.65	0.60	0.64	0.61	0.66
155	0.41	0.48	0.46	0.51	0.46	0.52	0.47	0.51	0.46	0.47	0.42	0.46	0.70	0.69	0.72	0.67	0.71	0.68	0.74
160	0.47	0.56	0.51	0.56	0.53	0.57	0.53	0.57	0.50	0.53	0.47	0.51	0.74	0.74	0.76	0.71	0.74	0.74	0.74
165	0.54	0.62	0.57	0.61	0.56	0.61	0.57	0.61	0.55	0.57	0.54	0.57	0.77	0.77	0.76	0.72	0.74	0.74	0.73
170	0.61	0.68	0.62	0.65	0.61	0.64	0.62	0.63	0.59	0.62	0.58	0.64	0.76	0.79	0.77	0.72	0.70	0.73	0.71
175	0.66	0.74	0.69	0.68	0.62	0.66	0.62	0.64	0.63	0.66	0.64	0.70	0.76	0.79	0.76	0.73	0.69	0.72	0.68
180	0.73	0.78	0.72	0.71	0.65	0.66	0.65	0.65	0.66	0.71	0.72	0.76	0.76	0.79	0.75	0.72	0.68	0.68	0.67

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25DEG
Operators:Qin Meng
Test Date:2022-07-16

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.362
Humidity:65.0%
Test Distance:8.540m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:24.00V I:0.7634A P:18.32W PF:1.000 Freq:0Hz Lamp Flux:1313.04x1 lm		
NAME: LED STRIPS FLEX WALL WASHER	TYPE:	WEIGHT:
SPEC.:6000K/30*45°	DIM.:	SERIAL No.:
MFR.: Havit Commercial	SUR.:1000*25mm	Shielding Angle:

Table--2 UNIT: cd

γ (DEG) \ C(DEG)	285	300	315	330	345
0	2081	2078	2083	2079	2083
5	2090	2084	2062	2045	2013
10	1776	1790	1786	1792	1764
15	1332	1363	1387	1424	1421
20	929	962	1000	1053	1070
25	628	657	691	743	766
30	426	448	473	512	531
35	298	313	329	354	366
40	217	223	236	247	257
45	164	168	175	181	187
50	125	129	132	137	139
55	95.9	98.7	101	105	107
60	72.6	74.9	76.9	80.5	82.4
65	54.6	56.5	58.5	61.7	63.4
70	41.0	42.8	44.6	47.4	48.8
75	30.8	32.3	33.8	35.9	36.7
80	22.6	23.6	24.6	25.8	25.8
85	15.5	16.0	16.1	16.1	14.7
90	7.45	7.19	5.83	4.44	2.06
95	0.25	0.16	0.10	0.02	0.01
100	0.04	0.02	0.02	0.02	0.00
105	0.03	0.03	0.02	0.04	0.00
110	0.03	0.05	0.02	0.06	0.03
115	0.05	0.06	0.03	0.10	0.08
120	0.05	0.10	0.08	0.15	0.13
125	0.11	0.15	0.16	0.22	0.20
130	0.17	0.23	0.21	0.29	0.28
135	0.26	0.32	0.31	0.39	0.38
140	0.38	0.44	0.42	0.49	0.46
145	0.51	0.57	0.53	0.59	0.56
150	0.63	0.69	0.64	0.68	0.63
155	0.72	0.76	0.72	0.76	0.70
160	0.76	0.77	0.77	0.78	0.75
165	0.75	0.77	0.78	0.78	0.77
170	0.75	0.73	0.77	0.78	0.77
175	0.73	0.70	0.77	0.77	0.78
180	0.68	0.67	0.72	0.73	0.76

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25DEG
Operators:Qin Meng
Test Date:2022-07-16

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.362
Humidity:65.0%
Test Distance:8.540m [K=1.0000]
Remarks: