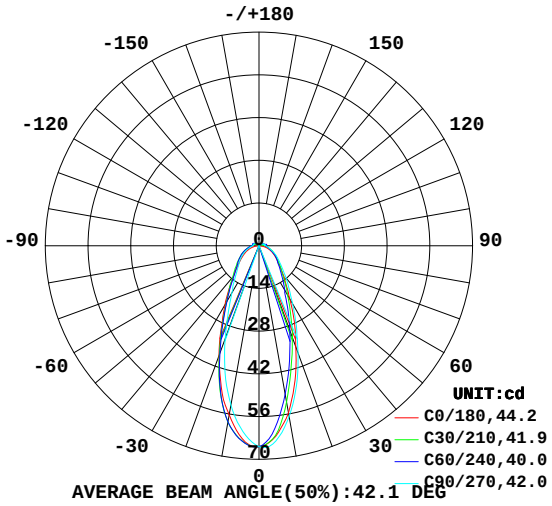
LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:23.919V I:0.1073A P:2.5675W PF:1.0000 Freq:0Hz Lamp Flux:74.7523x1 lm		
NAME: LED Strip Light	TYPE:LED	WEIGHT:/
SPEC.:/	DIM.: /	SERIAL No.:1
MFR.: Havit Commercial	SUR.:1000mm*10mm	Shielding Angle:-

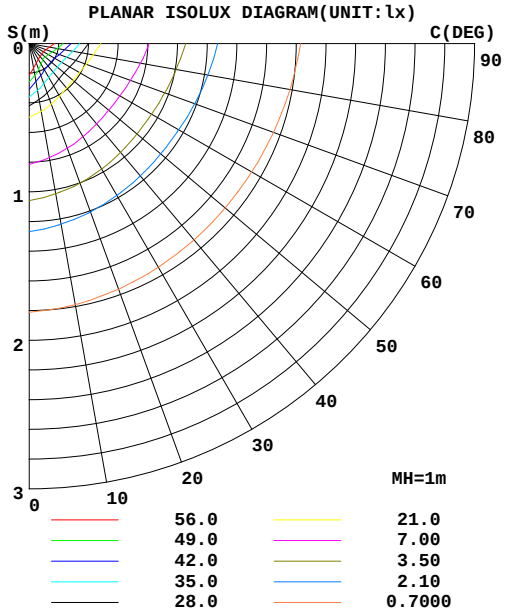
DATA OF LAMP		PHOTOMETRIC DATA		Eff: 29.11 lm/W	
MODEL	HCP-3564080 RED	Imax(cd)	66.65	S/MH(C0/180)	0.67
NOMINAL POWER(W)	3	LOR(%)	100.0	S/MH(C90/270)	0.63
RATED VOLTAGE(V)	24	TOTAL FLUX(lm)	74.752	η UP,DN(C0-180)	3.8,46.9
NOMINAL FLUX(lm)	74.7523	CIE CLASS	DIRECT	η UP,DN(C180-360)	4.2,45.2
LAMPS INSIDE	1	η up(%)	8.0	CIBSE SHR NOM	0.75
TEST VOLTAGE(V)	24	η down(%)	92.0	CIBSE SHR MAX	0.80

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



AVERAGE BEAM ANGLE(50%):42.1 DEG

PLANAR ISOLUX DIAGRAM(UNIT:lx)



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Young
Test Date:2022-01-19

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-SPEX500_V1 SYSTEM V2.00.421
Humidity:50.8%
Test Distance:3.154m [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	55.61	50.73	56.80	59.77	56.27	58.64	53.03	53.83	0- 10	5.776	5.776	7.73,7.73
20	35.35	30.84	37.45	42.78	38.38	37.77	32.46	33.84	10- 20	12.76	18.54	24.8,24.8
30	20.27	17.98	22.05	27.64	22.32	21.27	17.73	19.00	20- 30	12.76	31.30	41.9,41.9
40	12.37	11.48	13.80	17.32	13.00	13.05	11.50	12.17	30- 40	10.45	41.74	55.8,55.8
50	8.106	8.097	9.149	11.07	8.368	9.355	8.425	8.711	40- 50	8.400	50.14	67.1,67.1
60	5.583	6.016	6.487	7.581	5.734	7.079	6.357	6.434	50- 60	6.890	57.03	76.3,76.3
70	3.533	4.218	4.386	5.057	3.657	5.187	4.468	4.509	60- 70	5.405	62.44	83.5,83.5
80	1.481	2.912	2.979	3.444	1.607	3.555	3.010	3.106	70- 80	3.843	66.28	88.7,88.7
90	0.1065	2.058	2.242	2.567	0.1511	2.358	2.138	2.251	80- 90	2.524	68.80	92,92
100	0	1.946	1.983	2.198	0.0216	2.096	1.915	1.945	90-100	1.850	70.65	94.5,94.5
110	0	1.242	1.809	1.790	0.0013	1.841	1.884	1.875	100-110	1.600	72.25	96.7,96.7
120	0	0.6791	1.346	1.544	0	1.160	1.462	1.455	110-120	1.184	73.44	98.2,98.2
130	0.0202	0.2325	0.8056	0.9423	0.0079	0.5919	0.9184	0.9404	120-130	0.7029	74.14	99.2,99.2
140	0.0533	0.0938	0.3182	0.4315	0.0358	0.2451	0.4715	0.5070	130-140	0.3274	74.47	99.6,99.6
150	0.1062	0.1268	0.1290	0.2078	0.0847	0.1308	0.2130	0.2538	140-150	0.1321	74.60	99.8,99.8
160	0.1490	0.1971	0.1654	0.1796	0.1341	0.1827	0.1933	0.2028	150-160	0.0755	74.68	99.9,99.9
170	0.1808	0.2149	0.2058	0.2002	0.1778	0.2421	0.2172	0.2075	160-170	0.0554	74.73	100,100
180	0.2289	0.2609	0.2152	0.2117	0.2298	0.2617	0.2137	0.2133	170-180	0.0205	74.75	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 46.16 lm

%lum = 61.8%
%lamp = 61.8%

Conical surface Flux(120deg): 57.032 lm

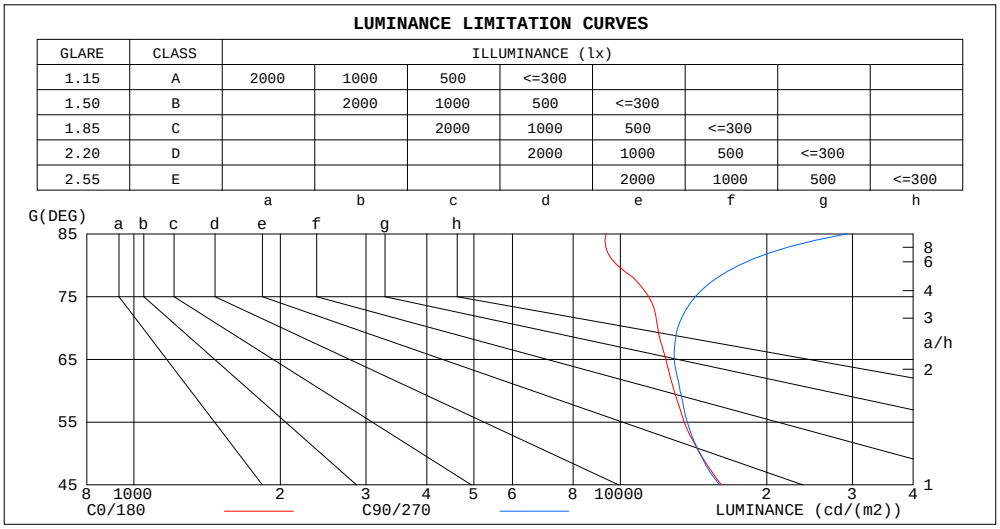
%lum = 76.3%
%lamp = 76.3%

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Young
Test Date:2022-01-19

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-SPEX500_V1 SYSTEM V2.00.421
Humidity:50.8%
Test Distance:3.154m [K=1.0000]
Remarks:

LUMINANCE LIMITATION CURVES

Test:U:23.919V I:0.1073A P:2.5675W PF:1.0000 Freq:0Hz Lamp Flux:74.7523x1 lm		
NAME: LED Strip Light	TYPE:LED	WEIGHT:/
SPEC.:/	DIM.: /	SERIAL No.:1
MFR.: Havit Commercial	SUR.:1000mm*10mm	Shielding Angle:-



LUMINANCE cd/(m2)		
G(DEG)	C0/180	C90/270
85	9350	29239
80	9855	17547
75	11438	14267
70	11938	13118
65	12405	12911
60	12903	13272
55	13534	13727
50	14572	14559
45	16141	16009

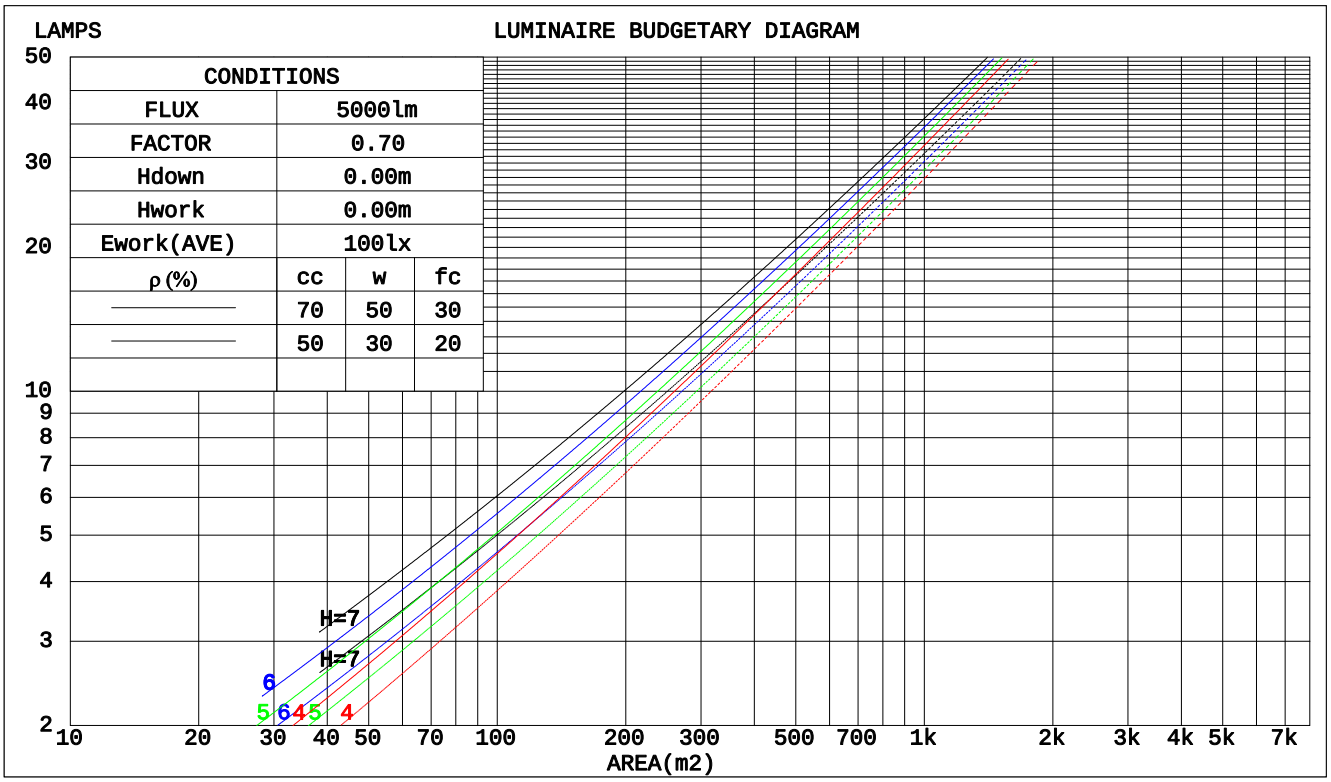
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Young
Test Date:2022-01-19

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-SPEX500_V1 SYSTEM V2.00.421
Humidity:50.8%
Test Distance:3.154m [K=1.0000]
Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:23.919V I:0.1073A P:2.5675W PF:1.0000 Freq:0Hz Lamp Flux:74.7523x1 lm		
NAME: LED Strip Light	TYPE:LED	WEIGHT:/
SPEC.:/	DIM.: /	SERIAL No.:1
MFR.: Havit Commercial	SUR.:1000mm*10mm	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	1.17	1.17	1.17	1.14	1.14	1.14	1.07	1.07	1.07	1.00	1.00	1.00	.95	.95	.95	.92
1.0	1.03	.99	.96	1.00	.97	.93	.95	.92	.89	.89	.87	.85	.85	.83	.81	.79
2.0	.92	.86	.81	.90	.84	.79	.85	.80	.76	.80	.77	.73	.76	.73	.71	.68
3.0	.83	.76	.70	.81	.74	.69	.77	.71	.67	.73	.68	.65	.70	.66	.63	.60
4.0	.75	.68	.62	.73	.66	.61	.70	.64	.59	.67	.62	.58	.64	.60	.56	.54
5.0	.69	.61	.55	.67	.60	.54	.64	.58	.53	.62	.56	.52	.59	.54	.51	.49
6.0	.63	.55	.50	.62	.55	.49	.59	.53	.48	.57	.52	.47	.55	.50	.46	.44
7.0	.59	.51	.45	.57	.50	.45	.55	.49	.44	.53	.48	.43	.51	.46	.43	.41
8.0	.54	.47	.42	.53	.46	.41	.52	.45	.41	.50	.44	.40	.48	.43	.39	.38
9.0	.51	.44	.39	.50	.43	.38	.48	.42	.38	.47	.41	.37	.45	.40	.37	.35
10.0	.48	.41	.36	.47	.40	.36	.45	.39	.35	.44	.39	.35	.43	.38	.34	.33



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Young
Test Date:2022-01-19

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-SPEX500_V1 SYSTEM V2.00.421
Humidity:50.8%
Test Distance:3.154m [K=1.0000]
Remarks:

WEC AND CCEC

Test:U:23.919V I:0.1073A P:2.5675W PF:1.0000 Freq:0Hz Lamp Flux:74.7523x1 lm		
NAME: LED Strip Light	TYPE:LED	WEIGHT:/
SPEC.:/	DIM.: /	SERIAL No.:1
MFR.: Havit Commercial	SUR.:1000mm*10mm	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	.285	.162	.051	.276	.157	.050	.258	.148	.047	.242	.139	.045	.227	.131	.042	
2.0	.258	.141	.043	.249	.137	.042	.234	.130	.040	.219	.123	.039	.206	.117	.037	
3.0	.235	.125	.037	.228	.122	.037	.214	.116	.035	.201	.110	.034	.189	.105	.032	
4.0	.216	.112	.033	.210	.110	.032	.197	.105	.031	.186	.100	.030	.175	.095	.029	
5.0	.200	.102	.029	.194	.100	.029	.183	.095	.028	.173	.091	.027	.163	.087	.026	
6.0	.186	.093	.027	.180	.091	.026	.170	.087	.025	.161	.084	.025	.152	.080	.024	
7.0	.173	.086	.024	.168	.084	.024	.159	.081	.023	.151	.077	.023	.143	.074	.022	
8.0	.162	.079	.022	.158	.078	.022	.150	.075	.021	.142	.072	.021	.135	.069	.020	
9.0	.153	.074	.021	.149	.072	.020	.141	.070	.020	.134	.067	.019	.128	.065	.019	
10.0	.144	.069	.019	.140	.068	.019	.134	.065	.018	.127	.063	.018	.121	.061	.017	

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	.251	.251	.251	.215	.215	.215	.146	.146	.146	.084	.084	.084	.027	.027	.027	
1.0	.240	.217	.197	.205	.187	.170	.140	.128	.118	.081	.074	.068	.026	.024	.022	
2.0	.229	.194	.164	.196	.167	.141	.135	.115	.099	.078	.067	.058	.025	.022	.019	
3.0	.220	.176	.141	.188	.152	.122	.129	.105	.086	.075	.062	.051	.024	.020	.017	
4.0	.211	.162	.125	.181	.140	.109	.124	.098	.077	.072	.057	.045	.023	.019	.015	
5.0	.203	.152	.114	.174	.131	.099	.120	.092	.070	.069	.054	.042	.022	.018	.014	
6.0	.195	.143	.106	.168	.124	.092	.116	.087	.065	.067	.051	.039	.022	.017	.013	
7.0	.188	.136	.099	.162	.118	.087	.112	.083	.061	.065	.049	.037	.021	.016	.012	
8.0	.182	.130	.095	.157	.113	.082	.108	.079	.058	.063	.047	.035	.020	.015	.012	
9.0	.176	.125	.091	.152	.109	.079	.105	.076	.056	.061	.045	.033	.020	.015	.011	
10.0	.171	.121	.088	.147	.105	.076	.102	.074	.054	.060	.044	.032	.019	.014	.011	

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Young
Test Date:2022-01-19

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-SPEX500_V1 SYSTEM V2.00.421
Humidity:50.8%
Test Distance:3.154m [K=1.0000]
Remarks:

UGR(Unified Glare Rating) Table

Test:U:23.919V I:0.1073A P:2.5675W PF:1.0000 Freq:0Hz Lamp Flux:74.7523x1 lm		
NAME: LED Strip Light	TYPE:LED	WEIGHT:/
SPEC.:/	DIM.: /	SERIAL No.:1
MFR.: Havit Commercial	SUR.:1000mm*10mm	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	19.6	20.8	19.9	21.1	21.4	19.5	20.7	19.9	21.0	21.4
3H	21.1	22.3	21.5	22.6	23.0	21.2	22.3	21.6	22.7	23.0
4H	21.9	22.9	22.3	23.3	23.7	22.1	23.2	22.5	23.5	23.9
6H	22.4	23.4	22.8	23.8	24.2	23.1	24.1	23.5	24.5	24.9
8H	22.6	23.5	23.0	23.9	24.4	23.7	24.6	24.1	25.0	25.5
12H	22.7	23.6	23.2	24.1	24.5	24.3	25.3	24.8	25.7	26.1
4H 2H	20.0	21.1	20.5	21.5	21.9	20.0	21.1	20.4	21.4	21.8
3H	21.9	22.8	22.3	23.2	23.7	21.9	22.8	22.3	23.2	23.7
4H	22.8	23.7	23.3	24.1	24.6	22.9	23.8	23.4	24.2	24.7
6H	23.5	24.3	24.1	24.8	25.3	24.1	24.9	24.7	25.4	25.9
8H	23.8	24.5	24.4	25.0	25.6	24.8	25.5	25.4	26.0	26.6
12H	24.1	24.7	24.6	25.2	25.8	25.6	26.3	26.2	26.8	27.4
8H 4H	23.2	23.9	23.7	24.4	24.9	23.3	24.0	23.8	24.5	25.1
6H	24.3	24.9	24.8	25.4	26.0	24.8	25.3	25.3	25.9	26.5
8H	24.8	25.3	25.3	25.9	26.5	25.6	26.1	26.2	26.7	27.3
12H	25.2	25.7	25.8	26.3	26.9	26.6	27.1	27.2	27.7	28.3
12H 4H	23.3	23.9	23.8	24.4	25.0	23.4	24.0	23.9	24.5	25.1
6H	24.5	25.0	25.0	25.5	26.2	24.9	25.4	25.5	26.0	26.6
8H	25.1	25.6	25.7	26.1	26.8	25.9	26.3	26.5	26.9	27.6
Variations with the observer position at spacings:										
S = 1.0H	+ 0.1 / - 0.2					+ 0.1 / - 0.2				
1.5H	+ 0.1 / - 0.1					+ 0.1 / - 0.2				
2.0H	+ 0.1 / - 0.2					+ 0.2 / - 0.3				

CIE Pub.117, 74.75 lm Total Lamp Luminous Flux Corrected (8log(F/F0) = -9.0)
Area: 0.001 m2

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Young
Test Date:2022-01-19

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-SPEX500_V1 SYSTEM V2.00.421
Humidity:50.8%
Test Distance:3.154m [K=1.0000]
Remarks:

UTILIZATION FACTORS TABLE

Test:U:23.919V I:0.1073A P:2.5675W PF:1.0000 Freq:0Hz Lamp Flux:74.7523x1 lm		
NAME: LED Strip Light	TYPE:LED	WEIGHT:/
SPEC.:/	DIM.: /	SERIAL No.:1
MFR.: Havit Commercial	SUR.:1000mm*10mm	Shielding Angle:-

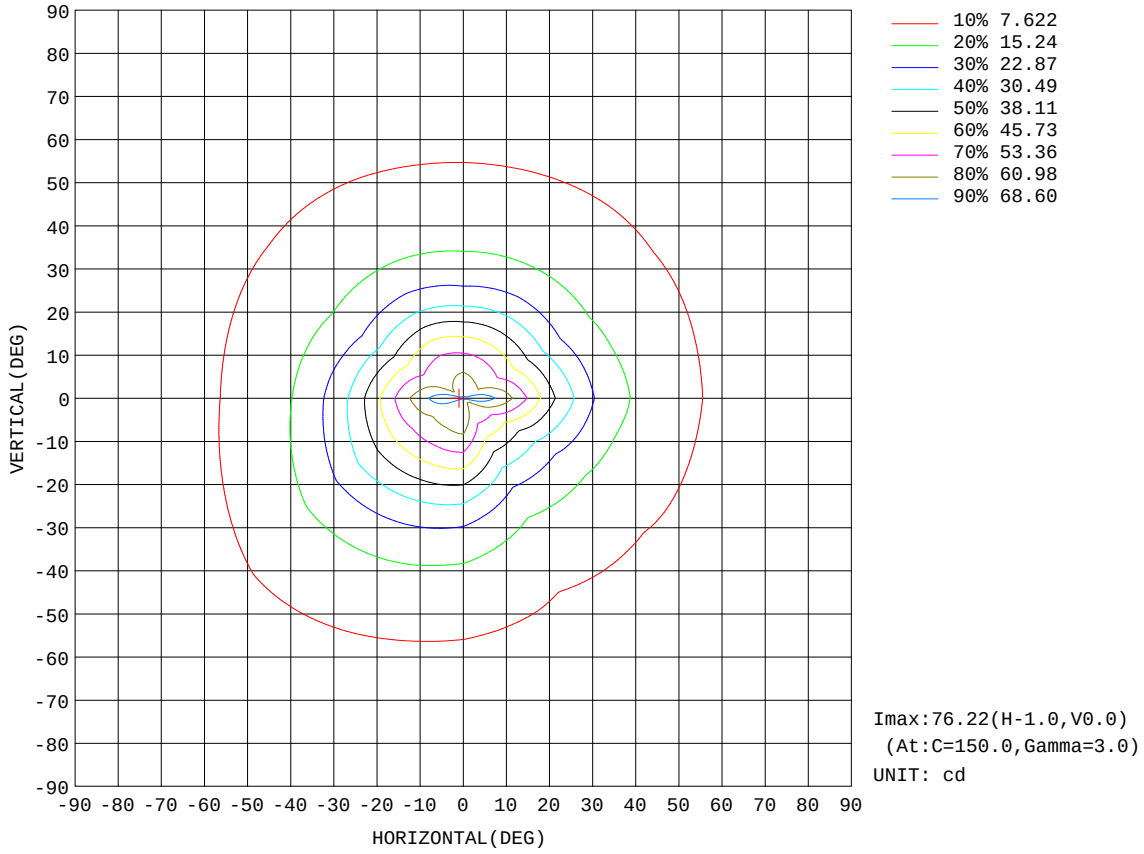
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) k(RI) x RCR = 5									
k = 0.60	64	54	48	63	54	48	62	53	48	42
0.80	73	63	57	72	62	56	70	61	56	50
1.00	80	70	64	78	69	63	76	70	62	56
1.25	86	76	70	84	75	69	81	74	68	61
1.50	90	81	75	88	80	74	85	78	73	65
2.00	95	88	82	93	86	80	89	83	78	70
2.50	99	91	86	96	90	85	92	86	82	73
3.00	102	95	90	99	93	88	94	89	85	76
4.00	105	100	95	102	97	93	97	93	90	79
5.00	107	103	99	104	100	97	99	95	92	81
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004				Suspended					SHRNOM = 1.25	

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Young
Test Date:2022-01-19

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-SPEX500_V1 SYSTEM V2.00.421
Humidity:50.8%
Test Distance:3.154m [K=1.0000]
Remarks:

ISOCANDELA DIAGRAM

Test:U:23.919V I:0.1073A P:2.5675W PF:1.0000 Freq:0Hz Lamp Flux:74.7523x1 lm		
NAME: LED Strip Light	TYPE:LED	WEIGHT:/
SPEC.:/	DIM.: /	SERIAL No.:1
MFR.: Havit Commercial	SUR.:1000mm*10mm	Shielding Angle:-



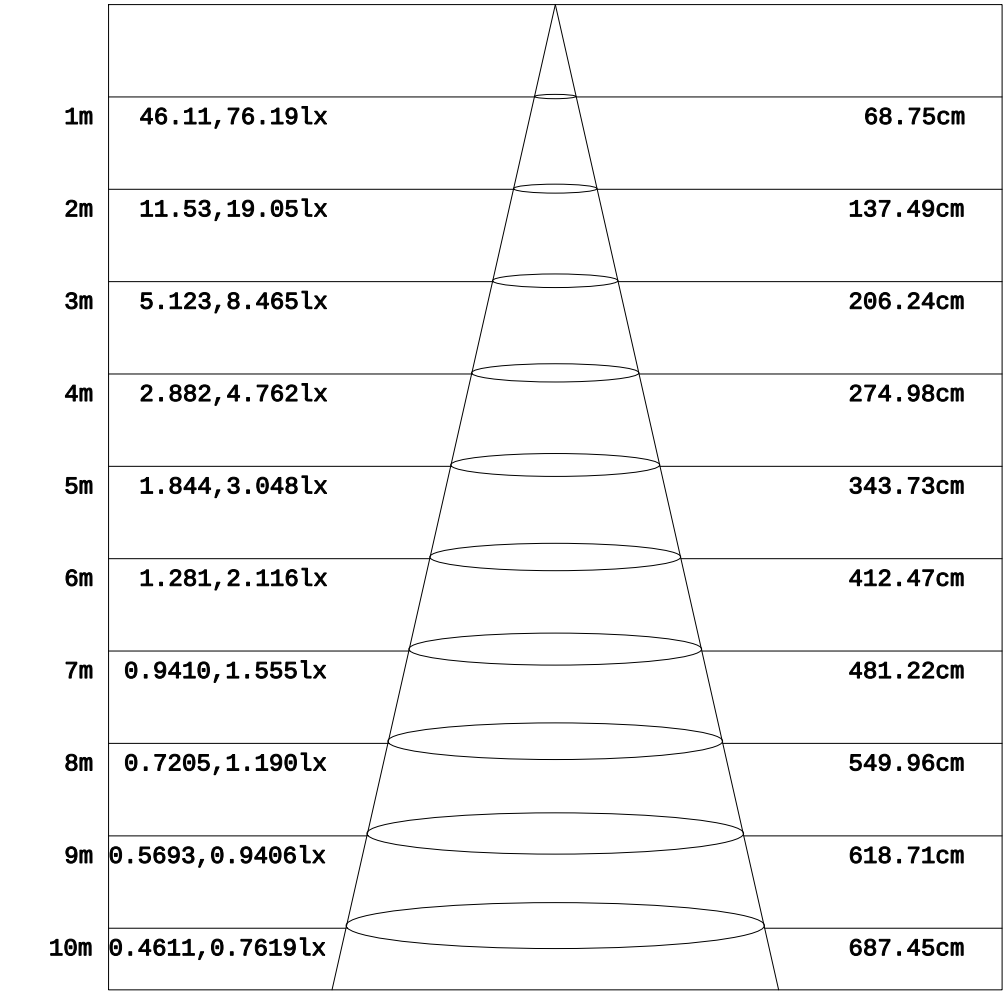
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Young
Test Date:2022-01-19

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-SPEX500_V1 SYSTEM V2.00.421
Humidity:50.8%
Test Distance:3.154m [K=1.0000]
Remarks:

AAI Figure

Test:U:23.919V I:0.1073A P:2.5675W PF:1.0000 Freq:0Hz Lamp Flux:74.7523x1 lm		
NAME: LED Strip Light	TYPE:LED	WEIGHT:/
SPEC.:/	DIM.: /	SERIAL No.:1
MFR.: Havit Commercial	SUR.:1000mm*10mm	Shielding Angle:-

Flux out:17.17 lm



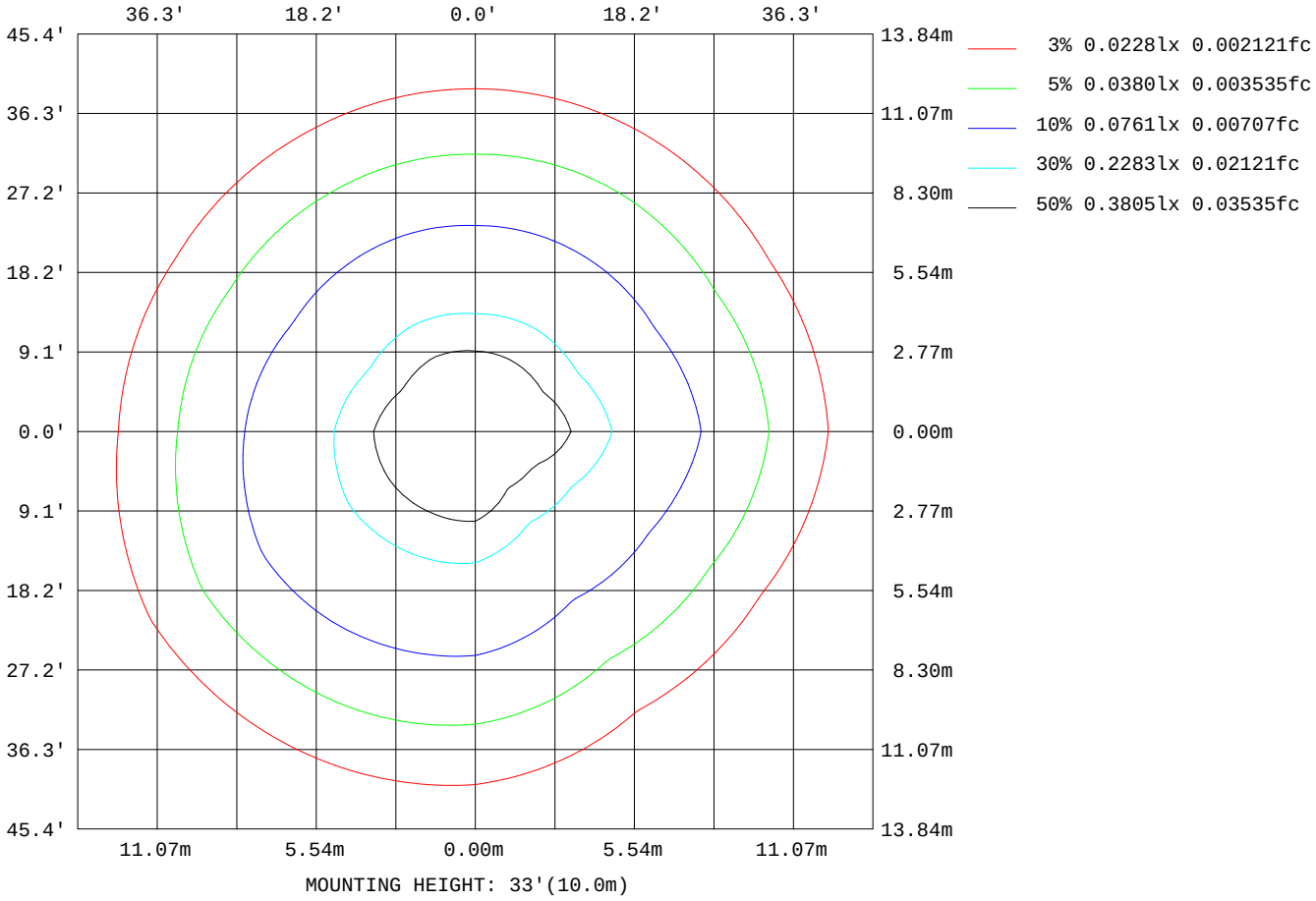
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Young
Test Date:2022-01-19

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-SPEX500_V1 SYSTEM V2.00.421
Humidity:50.8%
Test Distance:3.154m [K=1.0000]
Remarks:

ISOLUX DIAGRAM

Test:U:23.919V I:0.1073A P:2.5675W PF:1.0000 Freq:0Hz Lamp Flux:74.7523x1 lm		
NAME: LED Strip Light	TYPE:LED	WEIGHT:/
SPEC.:/	DIM.: /	SERIAL No.:1
MFR.: Havit Commercial	SUR.:1000mm*10mm	Shielding Angle:-



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Young
Test Date:2022-01-19

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-SPEX500_V1 SYSTEM V2.00.421
Humidity:50.8%
Test Distance:3.154m [K=1.0000]
Remarks:

LED Avg.L Report

Test:U:23.919V I:0.1073A P:2.5675W PF:1.0000 Freq:0Hz Lamp Flux:74.7523x1 lm		
NAME: LED Strip Light	TYPE:LED	WEIGHT:/
SPEC.:/	DIM.: /	SERIAL No.:1
MFR.: Havit Commercial	SUR.:1000mm*10mm	Shielding Angle:-

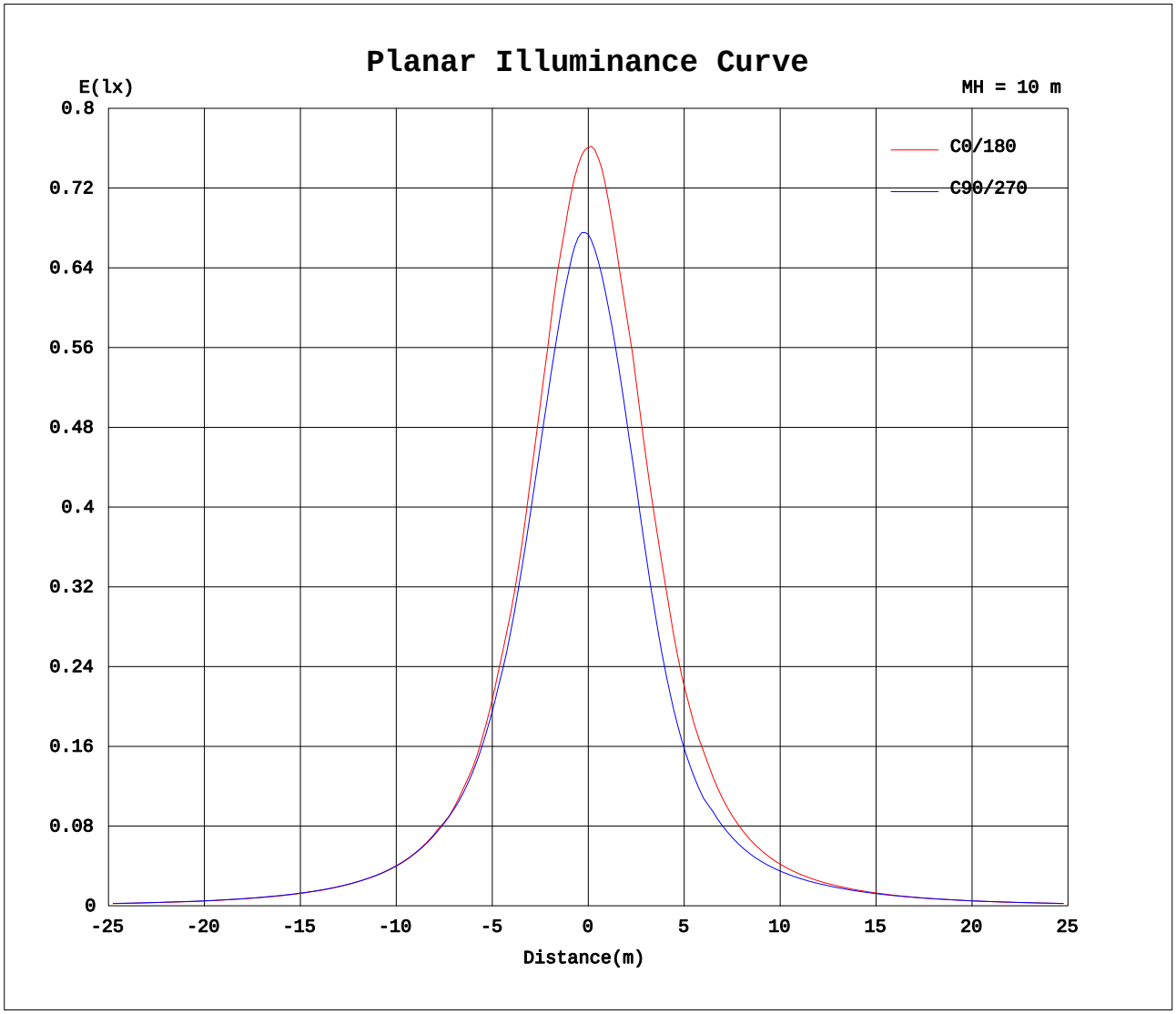
AvgL	cd/m2
L_0~180(65)av	10915
L_0~180(75)av	10096
L_0~180(85)av	8582
L_90~270(65)av	12687
L_90~270(75)av	14076
L_90~270(85)av	28604
L_45(65)av	13780
L_45(75)av	15616
L_45(85)av	32806

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
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Test Date:2022-01-19

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-SPEX500_V1 SYSTEM V2.00.421
Humidity:50.8%
Test Distance:3.154m [K=1.0000]
Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Young
Test Date:2022-01-19

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-SPEX500_V1 SYSTEM V2.00.421
Humidity:50.8%
Test Distance:3.154m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:23.919V I:0.1073A P:2.5675W PF:1.0000 Freq:0Hz Lamp Flux:74.7523x1 lm		
NAME: LED Strip Light	TYPE:LED	WEIGHT:/
SPEC.:/	DIM.: /	SERIAL No.:1
MFR.: Havit Commercial	SUR.:1000mm*10mm	Shielding Angle:-

Table--1 UNIT: cd

γ (DEG) \ C(DEG)	0	30	60	90	120	150	180	210	240	270	300	330
0	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
5	62.7	62.4	60.1	64.2	65.1	65.9	63.5	64.2	64.3	61.1	61.7	61.5
10	55.6	52.0	49.5	56.8	58.9	60.6	56.3	58.7	58.6	53.0	54.0	53.6
15	45.7	40.9	38.7	47.5	50.2	53.0	47.9	49.3	49.0	43.0	44.2	44.1
20	35.4	32.1	29.6	37.4	41.1	44.5	38.4	38.1	37.5	32.5	33.7	34.0
25	27.5	24.5	22.1	29.0	32.8	36.3	29.1	28.4	28.0	23.7	25.4	25.2
30	20.3	18.9	17.1	22.0	26.0	29.3	22.3	21.5	21.0	17.7	19.1	18.9
35	15.5	14.9	13.6	17.2	20.2	23.2	16.9	17.0	16.2	14.3	14.9	15.2
40	12.4	11.9	11.1	13.8	16.4	18.3	13.0	13.4	12.7	11.5	12.1	12.2
45	9.88	10.05	9.25	11.1	13.0	14.5	10.3	11.3	10.6	9.67	10.18	10.21
50	8.11	8.32	7.88	9.15	10.5	11.6	8.37	9.54	9.17	8.43	8.72	8.70
55	6.72	7.10	6.92	7.70	8.73	9.50	6.94	8.21	8.07	7.38	7.51	7.49
60	5.58	6.13	5.91	6.49	7.30	7.86	5.73	7.09	7.07	6.36	6.44	6.42
65	4.54	5.24	4.92	5.33	5.98	6.41	4.69	6.10	6.21	5.39	5.45	5.43
70	3.53	4.43	4.01	4.39	4.89	5.22	3.66	5.19	5.19	4.47	4.51	4.51
75	2.56	3.62	3.39	3.61	4.03	4.27	2.66	4.27	4.33	3.68	3.72	3.73
80	1.48	2.97	2.85	2.98	3.34	3.55	1.61	3.50	3.61	3.01	3.09	3.12
85	0.71	2.40	2.35	2.49	2.79	2.97	0.79	2.83	2.97	2.49	2.61	2.65
90	0.11	1.97	2.14	2.24	2.49	2.64	0.15	2.29	2.43	2.14	2.24	2.26
95	0.00	1.75	2.26	1.88	2.24	2.36	0.02	1.99	2.13	1.95	2.01	2.03
100	0.00	1.30	2.58	1.98	2.07	2.32	0.02	2.03	2.16	1.91	1.95	1.94
105	0.00	1.25	1.89	1.83	1.76	1.80	0.01	1.95	2.24	1.96	1.96	1.96
110	0.00	0.84	1.64	1.81	1.86	1.72	0.00	1.55	2.12	1.88	1.88	1.87
115	0.00	0.47	1.53	1.53	1.41	1.38	0.00	1.05	1.90	1.69	1.69	1.68
120	0.00	0.25	1.10	1.35	1.52	1.57	0.00	0.70	1.61	1.46	1.46	1.45
125	0.00	0.09	0.70	1.07	1.02	1.26	0.00	0.46	1.25	1.20	1.20	1.20
130	0.02	0.02	0.44	0.81	0.88	1.00	0.01	0.26	0.92	0.92	0.94	0.94
135	0.04	0.03	0.24	0.51	0.63	0.70	0.02	0.12	0.65	0.68	0.70	0.71
140	0.05	0.06	0.13	0.32	0.40	0.46	0.04	0.06	0.43	0.47	0.50	0.51
145	0.08	0.10	0.09	0.18	0.27	0.32	0.06	0.07	0.27	0.32	0.34	0.36
150	0.11	0.13	0.12	0.13	0.19	0.23	0.08	0.10	0.16	0.21	0.24	0.26
155	0.13	0.17	0.16	0.14	0.17	0.19	0.11	0.14	0.15	0.17	0.19	0.20
160	0.15	0.19	0.20	0.17	0.17	0.19	0.13	0.18	0.19	0.19	0.20	0.20
165	0.16	0.20	0.22	0.19	0.19	0.20	0.16	0.21	0.22	0.22	0.22	0.21
170	0.18	0.21	0.22	0.21	0.20	0.20	0.18	0.24	0.24	0.22	0.21	0.21
175	0.21	0.24	0.22	0.21	0.21	0.21	0.21	0.26	0.25	0.21	0.20	0.20
180	0.23	0.27	0.25	0.22	0.21	0.21	0.23	0.27	0.25	0.21	0.21	0.21

C Range: 0 - 360DEG
C Interval: 30.0DEG
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