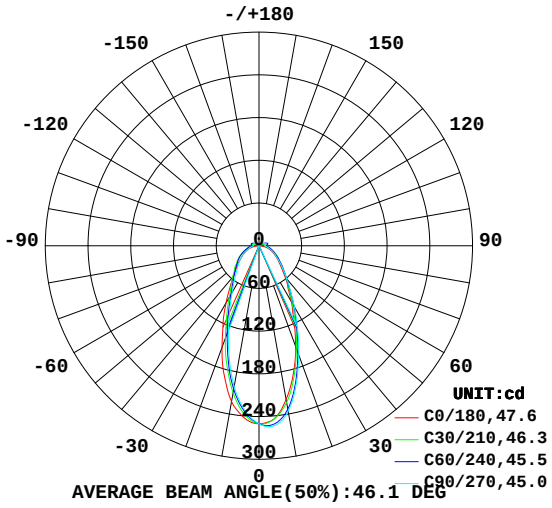
LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:23.912V I:0.2261A P:5.4054W PF:1.0000 Freq:0Hz Lamp Flux:318.311x1 lm		
NAME: LED Strip Light	TYPE:LED	WEIGHT:/
SPEC.:/	DIM.: /	SERIAL No.:1
MFR.: Havit Commercial.	SUR.:1025mm*18mm	Shielding Angle:-

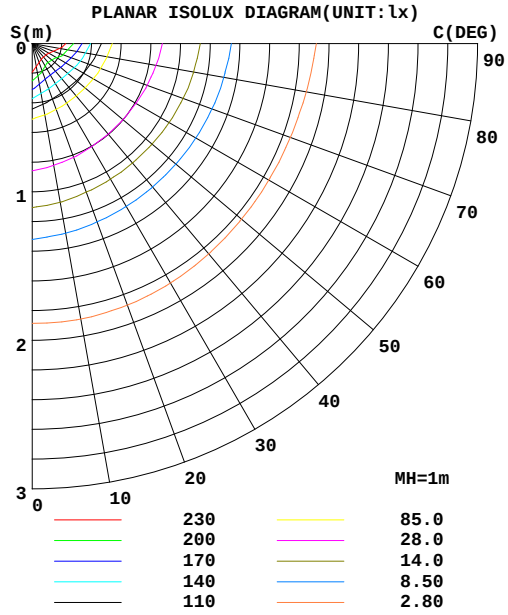
DATA OF LAMP		PHOTOMETRIC DATA		Eff: 58.89 lm/W	
MODEL	HCP-3564080	Imax(cd)	254.6	S/MH(C0/180)	0.73
NOMINAL POWER(W)	7	LOR(%)	100.0	S/MH(C90/270)	0.63
RATED VOLTAGE(V)	24	TOTAL FLUX(lm)	318.31	η UP,DN(C0-180)	4.5,47.2
NOMINAL FLUX(lm)	318.311	CIE CLASS	DIRECT	η UP,DN(C180-360)	4.3,44.0
LAMPS INSIDE	1	η up(%)	8.8	CIBSE SHR NOM	0.75
TEST VOLTAGE(V)	24	η down(%)	91.2	CIBSE SHR MAX	0.80

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



AVERAGE BEAM ANGLE(50%):46.1 DEG

PLANAR ISOLUX DIAGRAM(UNIT:lx)



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Young
Test Date:2021-12-27

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	219.5	228.3	236.1	225.9	222.5	207.3	200.8	206.8	0- 10	22.33	22.33	7.02,7.02
20	150.9	156.8	163.6	154.9	152.1	134.7	125.7	136.6	10- 20	50.76	73.10	23,23
30	91.59	96.22	99.54	94.53	92.64	81.40	75.84	83.31	20- 30	52.75	125.9	39.5,39.5
40	57.07	60.49	60.69	60.16	56.07	56.09	50.22	54.99	30- 40	44.48	170.3	53.5,53.5
50	37.49	41.20	39.77	41.39	37.57	41.74	36.48	40.47	40- 50	36.83	207.2	65.1,65.1
60	25.75	29.53	27.05	30.01	26.32	31.93	26.23	30.44	50- 60	30.43	237.6	74.6,74.6
70	16.54	21.01	18.17	21.37	17.10	22.45	17.02	21.68	60- 70	24.05	261.6	82.2,82.2
80	7.502	14.76	12.09	14.91	7.371	15.54	11.68	15.04	70- 80	17.28	278.9	87.6,87.6
90	0.9287	10.56	8.397	10.57	0.9307	10.65	8.068	10.16	80- 90	11.35	290.3	91.2,91.2
100	0.3786	11.19	9.074	10.89	0.1242	10.55	8.535	9.915	90-100	8.662	298.9	93.9,93.9
110	0.3692	8.454	9.346	8.398	0.0948	8.733	8.225	7.561	100-110	8.372	307.3	96.5,96.5
120	0.3062	4.408	7.143	4.555	0.1823	5.106	6.529	4.192	110-120	5.461	312.8	98.3,98.3
130	0.3333	2.061	4.427	1.882	0.3126	2.508	4.214	1.909	120-130	2.804	315.6	99.1,99.1
140	0.5134	1.020	2.044	1.067	0.4868	1.239	2.139	1.053	130-140	1.250	316.8	99.5,99.5
150	0.7252	0.8726	0.8767	0.8886	0.7035	0.9456	0.9752	0.8908	140-150	0.6080	317.4	99.7,99.7
160	0.8824	1.104	0.9393	1.168	0.8803	1.229	1.032	1.124	150-160	0.4433	317.9	99.9,99.9
170	1.025	1.241	1.107	1.364	1.016	1.395	1.124	1.238	160-170	0.3242	318.2	100,100
180	1.219	1.476	1.190	1.473	1.218	1.476	1.190	1.469	170-180	0.1212	318.3	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 189.57 lm

%lum = 59.6%
%lamp = 59.6%

Conical surface Flux(120deg): 237.59 lm

%lum = 74.6%
%lamp = 74.6%

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Young
Test Date:2021-12-27

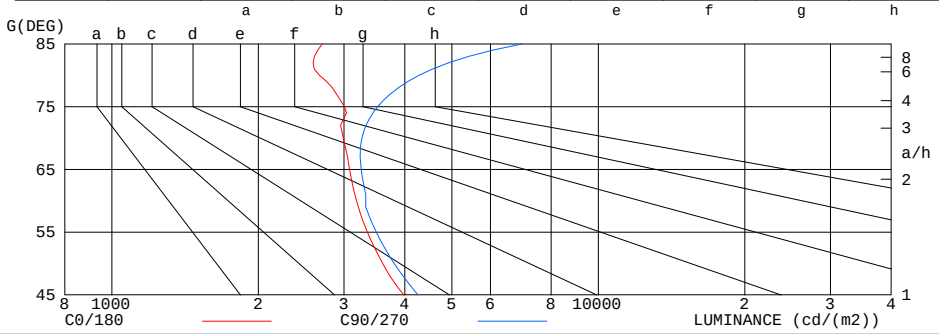
γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-SPEX500_V1 SYSTEM V2.00.421
Humidity:50.8%
Test Distance:3.154m [K=1.0000]
Remarks:

LUMINANCE LIMITATION CURVES

Test:U:23.912V I:0.2261A P:5.4054W PF:1.0000 Freq:0Hz Lamp Flux:318.311x1 lm		
NAME: LED Strip Light	TYPE:LED	WEIGHT:/
SPEC.:/	DIM.: /	SERIAL No.:1
MFR.: Havit Commercial.	SUR.:1025mm*18mm	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	2709	6990
80	2671	4282
75	3004	3521
70	2988	3267
65	3081	3256
60	3183	3327
55	3350	3496
50	3605	3804
45	3980	4256

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Young
Test Date:2021-12-27

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:

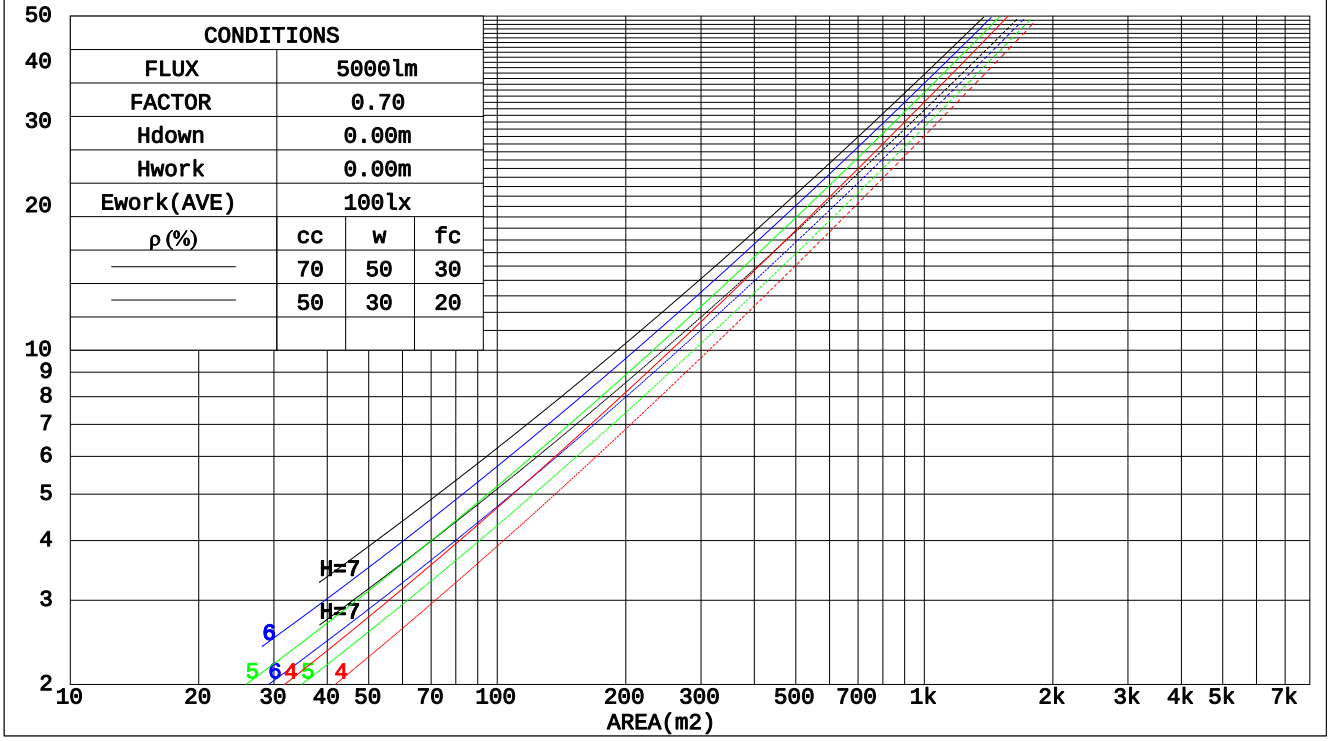
CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:23.912V I:0.2261A P:5.4054W PF:1.0000 Freq:0Hz Lamp Flux:318.311x1 lm		
NAME: LED Strip Light	TYPE:LED	WEIGHT:/
SPEC.:/	DIM.: /	SERIAL No.:1
MFR.: Havit Commercial.	SUR.:1025mm*18mm	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	1.13	1.13	1.13	1.06	1.06	1.06	.00	.00	.00	.94	.94	.94	.91
1.0	1.03	.99	.95	.00	.96	.93	.94	.91	.88	.88	.86	.84	.83	.82	.80	.77
2.0	.91	.85	.80	.89	.83	.78	.84	.79	.75	.79	.75	.72	.75	.72	.69	.67
3.0	.82	.75	.69	.80	.73	.68	.76	.70	.65	.72	.67	.63	.68	.64	.61	.59
4.0	.74	.66	.60	.72	.65	.59	.69	.63	.58	.65	.60	.56	.62	.58	.54	.52
5.0	.68	.60	.54	.66	.59	.53	.63	.57	.52	.60	.55	.50	.58	.53	.49	.47
6.0	.62	.54	.48	.61	.53	.48	.58	.52	.47	.56	.50	.46	.53	.48	.45	.43
7.0	.57	.49	.44	.56	.49	.44	.54	.47	.43	.52	.46	.42	.50	.45	.41	.39
8.0	.53	.46	.40	.52	.45	.40	.50	.44	.39	.48	.43	.38	.47	.42	.38	.36
9.0	.50	.42	.37	.49	.42	.37	.47	.41	.36	.45	.40	.36	.44	.39	.35	.33
10.0	.46	.39	.35	.46	.39	.34	.44	.38	.34	.43	.37	.33	.41	.36	.33	.31

LAMPS

LUMINAIRE BUDGETARY DIAGRAM



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Young
Test Date:2021-12-27

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:23.912V I:0.2261A P:5.4054W PF:1.0000 Freq:0Hz Lamp Flux:318.311x1 lm		
NAME: LED Strip Light	TYPE:LED	WEIGHT:/
SPEC.:/	DIM.: /	SERIAL No.:1
MFR.: Havit Commercial.	SUR.:1025mm*18mm	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	.292	.166	.053	.282	.161	.051	.264	.151	.048	.247	.143	.046	.232	.134	.043	
2.0	.263	.144	.044	.255	.140	.043	.239	.133	.041	.224	.126	.039	.210	.119	.037	
3.0	.240	.128	.038	.233	.125	.037	.218	.118	.036	.205	.112	.034	.193	.107	.033	
4.0	.220	.115	.034	.214	.112	.033	.201	.106	.032	.189	.101	.031	.178	.097	.029	
5.0	.203	.104	.030	.197	.101	.030	.186	.097	.028	.175	.092	.027	.165	.088	.027	
6.0	.189	.095	.027	.183	.093	.027	.173	.089	.026	.163	.085	.025	.154	.081	.024	
7.0	.176	.087	.025	.171	.085	.024	.162	.082	.024	.153	.078	.023	.145	.075	.022	
8.0	.165	.081	.023	.160	.079	.022	.152	.076	.022	.144	.073	.021	.136	.070	.020	
9.0	.155	.075	.021	.151	.074	.021	.143	.071	.020	.136	.068	.019	.129	.065	.019	
10.0	.146	.070	.019	.142	.069	.019	.135	.066	.019	.128	.064	.018	.122	.061	.018	

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	.258	.258	.258	.220	.220	.220	.150	.150	.150	.086	.086	.086	.028	.028	.028	
1.0	.247	.224	.203	.211	.192	.175	.144	.132	.121	.083	.077	.070	.027	.025	.023	
2.0	.237	.200	.170	.203	.172	.147	.139	.119	.102	.080	.069	.060	.026	.022	.020	
3.0	.227	.183	.147	.195	.158	.127	.134	.109	.089	.077	.064	.053	.025	.021	.017	
4.0	.219	.169	.131	.188	.146	.114	.129	.102	.080	.075	.060	.048	.024	.019	.016	
5.0	.211	.159	.120	.181	.137	.105	.125	.096	.074	.072	.056	.044	.023	.018	.014	
6.0	.203	.150	.112	.175	.130	.098	.120	.091	.069	.070	.054	.041	.023	.017	.014	
7.0	.196	.143	.106	.169	.124	.092	.117	.087	.065	.068	.051	.039	.022	.017	.013	
8.0	.190	.137	.101	.164	.119	.088	.113	.084	.062	.066	.049	.037	.021	.016	.012	
9.0	.184	.132	.097	.159	.115	.085	.110	.081	.060	.064	.048	.036	.021	.016	.012	
10.0	.179	.128	.094	.154	.111	.082	.107	.078	.058	.062	.046	.035	.020	.015	.012	

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Young
Test Date:2021-12-27

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:23.912V I:0.2261A P:5.4054W PF:1.0000 Freq:0Hz Lamp Flux:318.311x1 lm		
NAME: LED Strip Light	TYPE:LED	WEIGHT:/
SPEC.:/	DIM.: /	SERIAL No.:1
MFR.: Havit Commercial.	SUR.:1025mm*18mm	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	15.2	16.4	15.6	16.8	17.1	15.3	16.6	15.7	16.9	17.3
3H	16.8	17.9	17.2	18.3	18.7	16.9	18.0	17.3	18.4	18.8
4H	17.5	18.6	18.0	19.0	19.4	17.8	18.8	18.2	19.2	19.6
6H	18.1	19.1	18.6	19.5	20.0	18.7	19.7	19.1	20.1	20.6
8H	18.3	19.3	18.8	19.7	20.2	19.2	20.2	19.7	20.6	21.1
12H	18.5	19.4	18.9	19.9	20.3	19.8	20.8	20.3	21.2	21.7
4H 2H	15.7	16.8	16.1	17.2	17.6	15.8	16.9	16.2	17.3	17.7
3H	17.6	18.5	18.1	19.0	19.4	17.6	18.5	18.1	19.0	19.5
4H	18.5	19.4	19.0	19.9	20.4	18.6	19.5	19.1	20.0	20.5
6H	19.4	20.1	19.9	20.6	21.2	19.8	20.6	20.3	21.1	21.6
8H	19.7	20.4	20.2	20.9	21.5	20.4	21.1	21.0	21.7	22.2
12H	19.9	20.6	20.5	21.1	21.7	21.2	21.8	21.7	22.4	23.0
8H 4H	19.0	19.7	19.5	20.2	20.8	19.0	19.8	19.6	20.3	20.8
6H	20.1	20.7	20.7	21.3	21.9	20.5	21.1	21.0	21.6	22.2
8H	20.7	21.2	21.3	21.8	22.4	21.3	21.8	21.9	22.4	23.0
12H	21.2	21.6	21.8	22.2	22.9	22.3	22.7	22.9	23.3	24.0
12H 4H	19.1	19.7	19.6	20.2	20.8	19.1	19.8	19.7	20.3	20.9
6H	20.3	20.9	20.9	21.4	22.1	20.6	21.2	21.2	21.8	22.4
8H	21.0	21.5	21.6	22.1	22.7	21.6	22.0	22.2	22.6	23.3
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					+ 0.1 / - 0.3				

CIE Pub.117, 318.3 lm Total Lamp Luminous Flux Corrected (8log(F/F0) = -4.0)
Area: 0.01845 m2

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Young
Test Date:2021-12-27

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:23.912V I:0.2261A P:5.4054W PF:1.0000 Freq:0Hz Lamp Flux:318.311x1 lm		
NAME: LED Strip Light	TYPE:LED	WEIGHT:/
SPEC.:/	DIM.: /	SERIAL No.:1
MFR.: Havit Commercial.	SUR.:1025mm*18mm	Shielding Angle:-

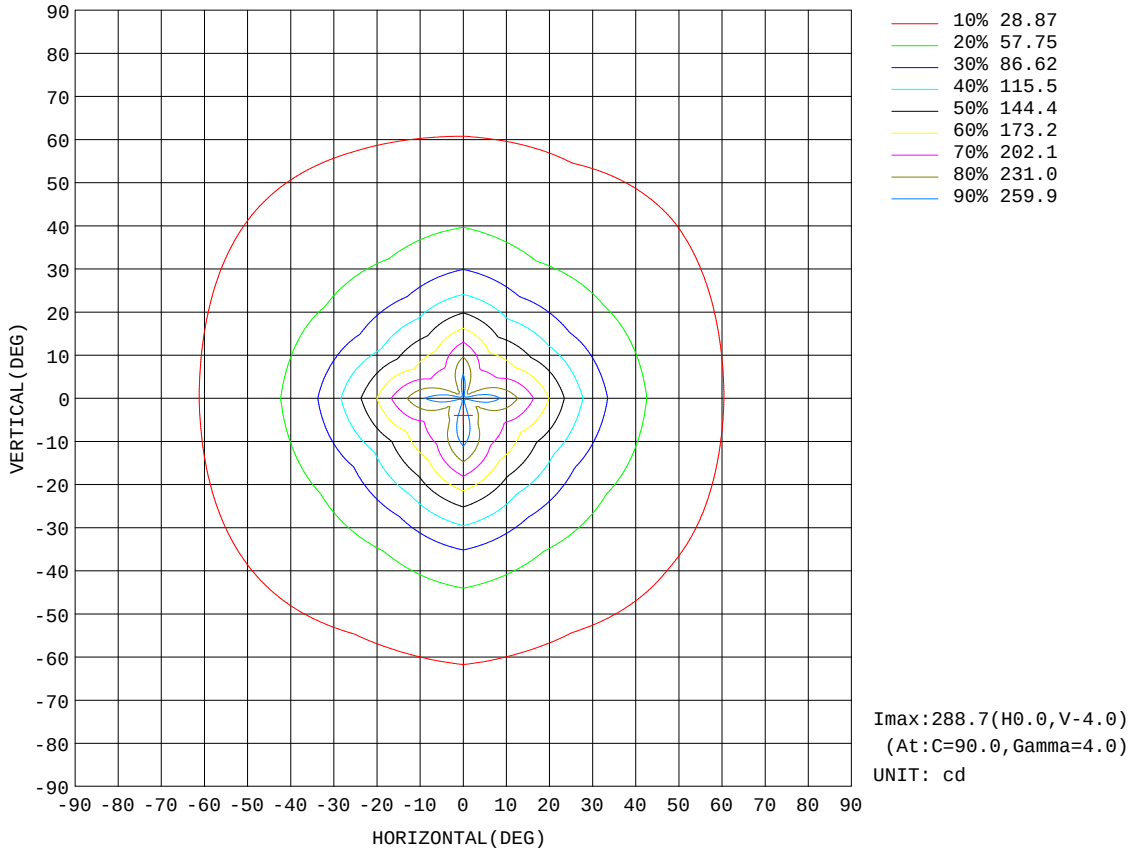
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) k(RI) x RCR = 5									
k = 0.60	63	53	47	62	52	46	61	52	46	41
0.80	72	61	55	71	61	55	68	60	54	48
1.00	79	68	62	77	68	62	75	68	61	54
1.25	85	75	68	83	74	68	80	72	67	59
1.50	89	80	73	87	79	72	83	76	71	63
2.00	95	86	80	92	85	79	88	82	77	68
2.50	98	90	85	95	89	83	91	85	81	71
3.00	101	94	89	98	92	87	93	88	84	74
4.00	105	99	94	101	96	92	96	92	89	78
5.00	107	102	98	104	99	96	98	94	91	80
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:2021-12-27

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:23.912V I:0.2261A P:5.4054W PF:1.0000 Freq:0Hz Lamp Flux:318.311x1 lm		
NAME: LED Strip Light	TYPE:LED	WEIGHT:/
SPEC.:/	DIM.: /	SERIAL No.:1
MFR.: Havit Commercial.	SUR.:1025mm*18mm	Shielding Angle:-



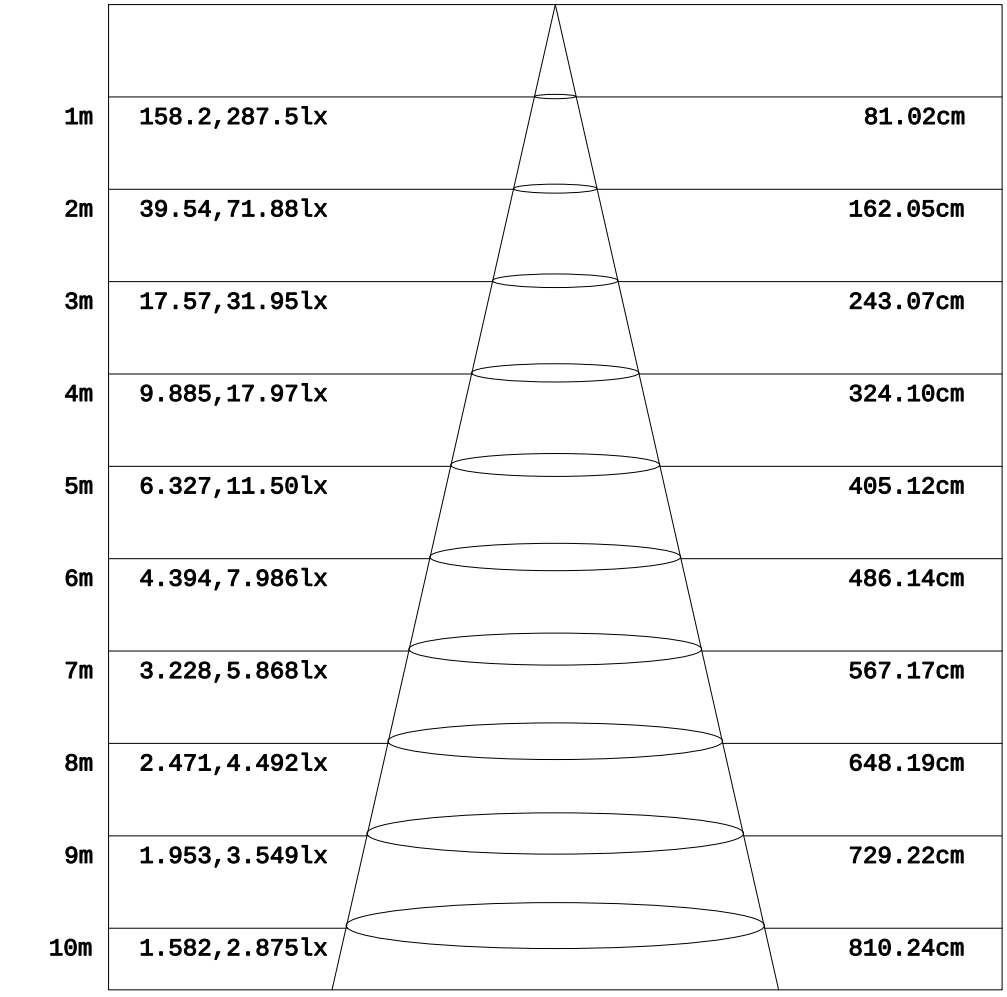
C Range: 0 - 360DEG
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Test Speed: HIGH
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γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-SPEX500_V1 SYSTEM V2.00.421
Humidity:50.8%
Test Distance:3.154m [K=1.0000]
Remarks:

AAI Figure

Test:U:23.912V I:0.2261A P:5.4054W PF:1.0000 Freq:0Hz Lamp Flux:318.311x1 lm		
NAME: LED Strip Light	TYPE:LED	WEIGHT:/
SPEC.:/	DIM.: /	SERIAL No.:1
MFR.: Havit Commercial.	SUR.:1025mm*18mm	Shielding Angle:-

Flux out:89.53 lm



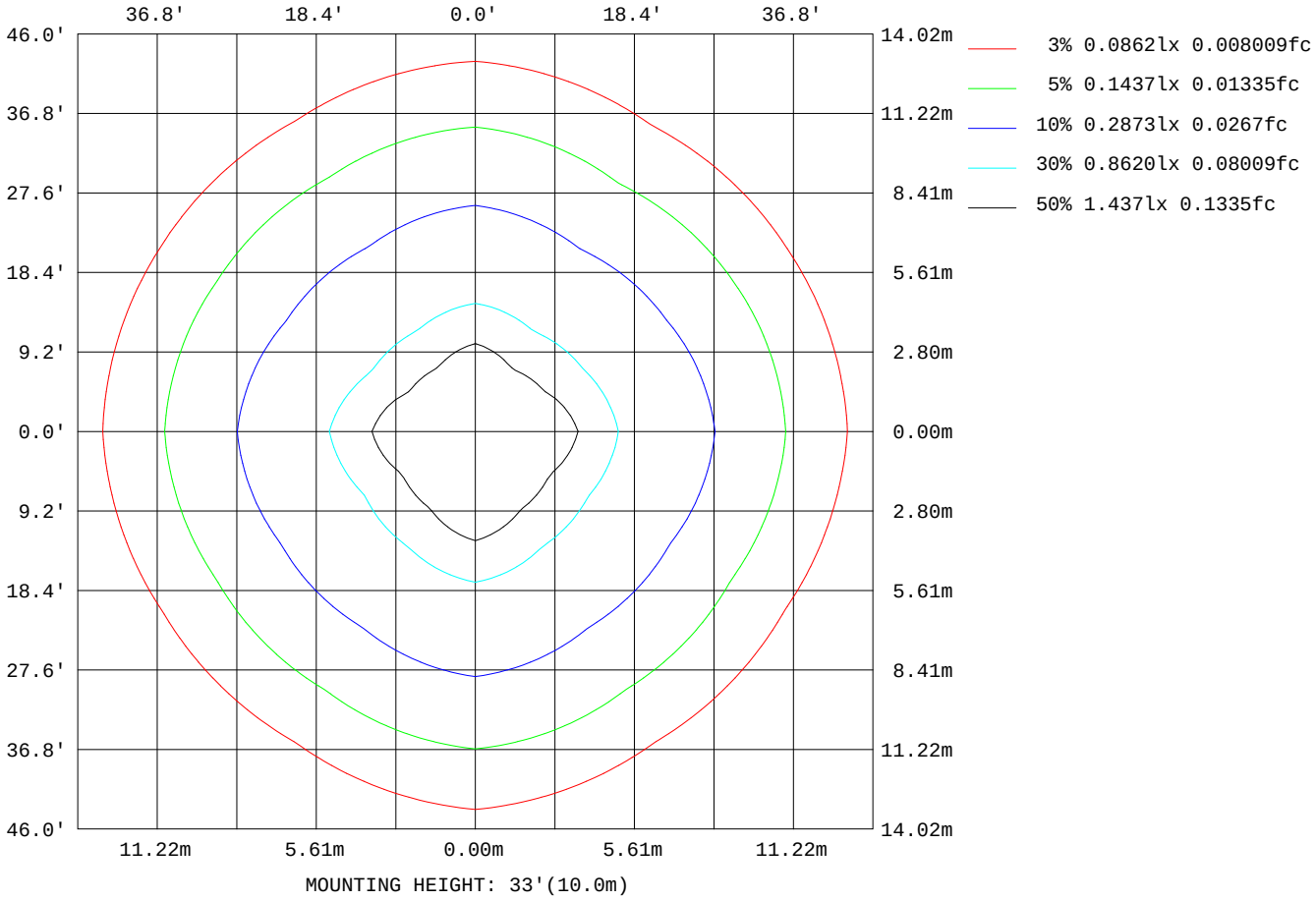
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Young
Test Date:2021-12-27

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:23.912V I:0.2261A P:5.4054W PF:1.0000 Freq:0Hz Lamp Flux:318.311x1 lm		
NAME: LED Strip Light	TYPE:LED	WEIGHT:/
SPEC.:/	DIM.: /	SERIAL No.:1
MFR.: Havit Commercial.	SUR.:1025mm*18mm	Shielding Angle:-



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Young
Test Date:2021-12-27

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:23.912V I:0.2261A P:5.4054W PF:1.0000 Freq:0Hz Lamp Flux:318.311x1 lm		
NAME: LED Strip Light	TYPE:LED	WEIGHT:/
SPEC.:/	DIM.: /	SERIAL No.:1
MFR.: Havit Commercial.	SUR.:1025mm*18mm	Shielding Angle:-

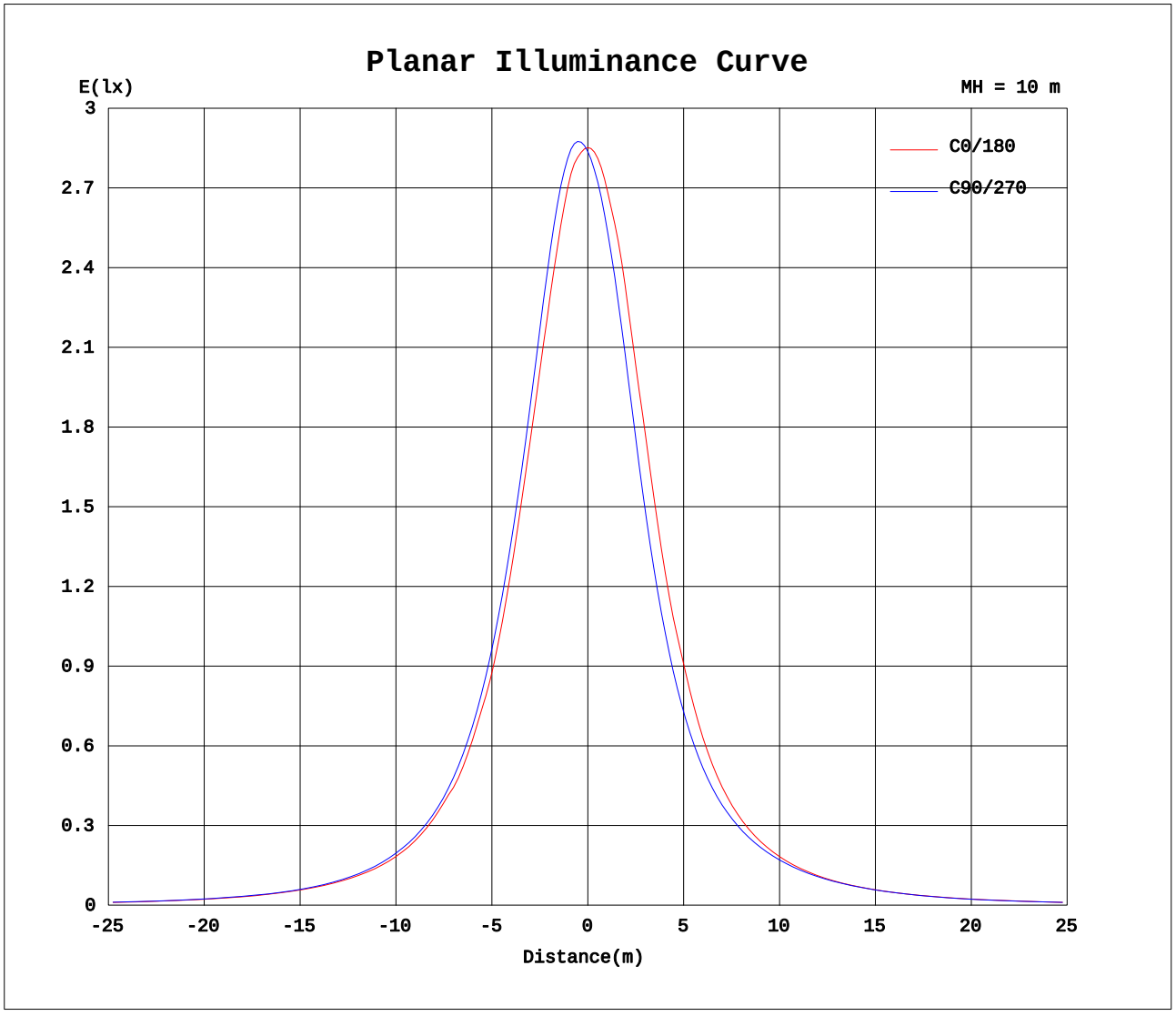
AvgL	cd/m2
L_0~180(65)av	2742
L_0~180(75)av	2639
L_0~180(85)av	2343
L_90~270(65)av	2798
L_90~270(75)av	3051
L_90~270(85)av	6038
L_45(65)av	3398
L_45(75)av	3918
L_45(85)av	8335

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Young
Test Date:2021-12-27

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:2021-12-27

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:23.912V I:0.2261A P:5.4054W PF:1.0000 Freq:0Hz Lamp Flux:318.311x1 lm		
NAME: LED Strip Light	TYPE:LED	WEIGHT:/
SPEC.:/	DIM.: /	SERIAL No.:1
MFR.: Havit Commercial.	SUR.:1025mm*18mm	Shielding Angle:-

Table--1 UNIT: cd

γ (DEG) \ C(DEG)	0	30	60	90	120	150	180	210	240	270	300	330
0	250	250	250	250	250	250	250	250	250	250	250	250
5	244	244	251	254	251	244	242	237	234	232	232	238
10	220	223	233	236	232	220	223	210	205	201	202	212
15	186	190	199	202	197	188	189	174	167	162	164	178
20	151	154	160	164	160	149	152	138	131	126	130	143
25	117	121	125	129	127	117	119	107	101	96.9	102	113
30	91.6	94.0	98.4	99.5	97.4	91.6	92.6	83.9	79.0	75.8	79.0	87.6
35	70.8	73.2	76.2	77.1	76.6	74.5	71.1	68.5	64.5	60.6	63.7	69.4
40	57.1	60.4	60.6	60.7	60.5	59.8	56.1	57.7	54.5	50.2	52.0	58.0
45	45.5	48.7	49.8	49.0	50.3	49.9	45.4	49.0	47.0	42.6	44.7	48.8
50	37.5	41.0	41.4	39.8	41.5	41.2	37.6	42.9	40.6	36.5	39.0	42.0
55	31.1	34.6	34.4	32.6	34.4	34.9	31.3	37.5	36.0	31.3	33.5	36.3
60	25.8	30.0	29.1	27.1	29.3	30.7	26.3	32.3	31.6	26.2	29.7	31.2
65	21.1	25.7	23.9	22.4	24.2	26.6	21.7	27.7	26.5	21.2	25.1	26.9
70	16.5	22.1	19.9	18.2	20.3	22.4	17.1	22.6	22.3	17.0	21.3	22.1
75	12.6	18.3	17.1	14.8	17.7	18.4	12.6	18.4	18.6	14.3	17.8	18.0
80	7.50	15.1	14.4	12.1	14.7	15.1	7.37	15.7	15.4	11.7	14.9	15.2
85	3.82	12.5	12.2	9.91	12.5	12.4	3.71	12.9	12.8	9.51	12.4	12.3
90	0.93	10.40	10.7	8.40	11.0	10.17	0.93	10.61	10.69	8.07	10.44	9.87
95	0.35	9.75	10.9	8.09	10.8	9.37	0.24	9.72	10.19	7.88	10.05	8.85
100	0.38	9.94	12.4	9.07	12.3	9.52	0.12	10.03	11.1	8.54	10.8	9.00
105	0.40	8.64	12.7	9.80	12.6	8.19	0.06	9.23	11.2	8.69	10.8	7.79
110	0.37	5.60	11.3	9.35	11.3	5.54	0.09	7.09	10.36	8.22	9.81	5.32
115	0.34	3.62	9.36	8.35	9.18	3.40	0.13	4.74	9.00	7.46	8.34	3.42
120	0.31	2.10	6.71	7.14	7.04	2.08	0.18	3.03	7.17	6.53	6.47	1.92
125	0.29	1.21	4.95	5.78	5.11	1.19	0.24	1.87	5.42	5.43	4.77	1.05
130	0.33	0.70	3.42	4.43	3.12	0.64	0.31	1.08	3.93	4.21	3.31	0.51
135	0.42	0.52	2.18	3.13	2.22	0.52	0.39	0.65	2.68	3.09	2.31	0.49
140	0.51	0.62	1.42	2.04	1.50	0.63	0.49	0.64	1.84	2.14	1.51	0.60
145	0.62	0.74	0.97	1.34	0.99	0.76	0.59	0.77	1.20	1.44	0.98	0.73
150	0.73	0.87	0.87	0.88	0.87	0.91	0.70	0.92	0.97	0.98	0.92	0.86
155	0.82	0.99	1.01	0.81	1.02	1.05	0.80	1.08	1.10	0.93	1.07	0.98
160	0.88	1.07	1.14	0.94	1.17	1.17	0.88	1.20	1.26	1.03	1.19	1.06
165	0.95	1.14	1.22	1.04	1.29	1.27	0.94	1.30	1.37	1.10	1.24	1.13
170	1.03	1.21	1.27	1.11	1.37	1.36	1.02	1.37	1.42	1.12	1.26	1.21
175	1.14	1.35	1.35	1.16	1.41	1.45	1.13	1.44	1.44	1.15	1.33	1.36
180	1.22	1.49	1.46	1.19	1.44	1.51	1.22	1.49	1.46	1.19	1.43	1.50

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