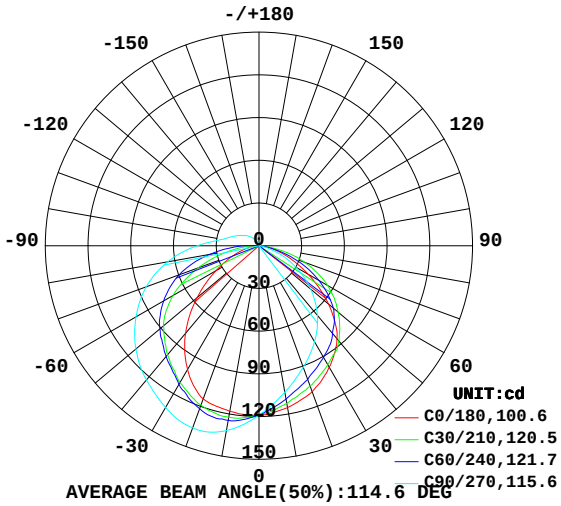
LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:230.92V I:0.0240A P:5.1168W PF:0.9231 Freq:49.99Hz Lamp Flux:400.13x1 lm		
NAME: 灯带	TYPE:/	WEIGHT:
SPEC.:/	DIM.: 1m*0.1m	SERIAL No.:1
MFR.: /	SUR.:1m*0.1m	Shielding Angle:-

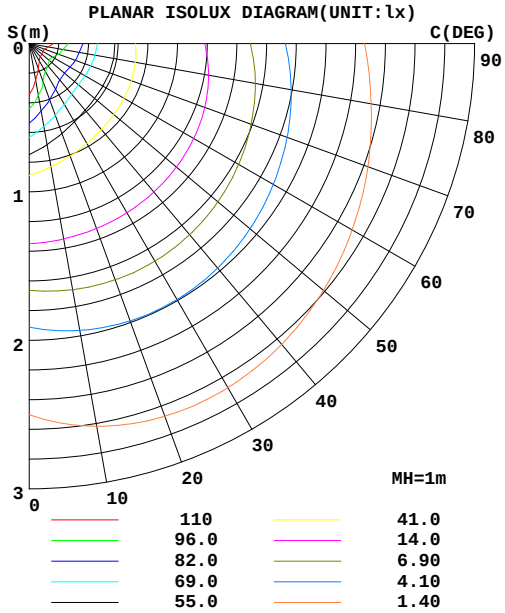
DATA OF LAMP		PHOTOMETRIC DATA		Eff: 78.20 lm/W	
MODEL	HCP-3865056	Imax(cd)	136.3	S/MH(C0/180)	1.24
NOMINAL POWER(W)	5	LOR(%)	100.0	S/MH(C90/270)	1.60
RATED VOLTAGE(V)	230	TOTAL FLUX(lm)	400.13	η UP,DN(C0-180)	0.6,35.2
NOMINAL FLUX(lm)	400.13	CIE CLASS	DIRECT	η UP,DN(C180-360)	5.0,59.2
LAMPS INSIDE	1	η up(%)	5.6	CIBSE SHR NOM	1.50
TEST VOLTAGE(V)	230.9	η down(%)	94.4	CIBSE SHR MAX	1.50

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



AVERAGE BEAM ANGLE(50%):114.6 DEG

PLANAR ISOLUX DIAGRAM(UNIT:lx)



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Kiki
Test Date:2022-12-06

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-SPEX500_V1 SYSTEM V2.00.421
Humidity:51.8%
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	115.4	110.9	104.5	109.7	118.1	123.4	131.8	126.1	0- 10	11.29	11.29	2.82,2.82
20	109.1	102.4	90.86	98.98	114.5	120.5	136.2	128.8	10- 20	32.63	43.92	11,11
30	98.55	93.62	77.97	87.26	100.4	111.7	131.1	124.8	20- 30	50.01	93.92	23.5,23.5
40	85.18	83.86	63.83	73.76	80.23	100.7	123.0	115.9	30- 40	61.15	155.1	38.8,38.8
50	63.80	70.46	47.44	56.31	56.88	89.22	112.8	105.7	40- 50	65.01	220.1	55,55
60	39.82	52.02	29.69	36.53	34.73	73.39	99.69	92.52	50- 60	60.57	280.6	70.1,70.1
70	19.86	29.91	12.88	16.79	18.11	52.50	84.29	74.70	60- 70	48.69	329.3	82.3,82.3
80	7.092	8.431	1.764	2.974	6.439	27.77	65.05	51.71	70- 80	31.98	361.3	90.3,90.3
90	0.3867	0.8840	0.5656	0.5497	0.3374	6.600	43.42	28.02	80- 90	16.32	377.6	94.4,94.4
100	0.0845	0.5507	0.6592	0.5654	0.0558	0.3260	26.30	16.26	90-100	7.530	385.2	96.3,96.3
110	0.1967	0.5963	0.8008	0.7171	0.1905	0.2954	19.39	13.25	100-110	4.901	390.1	97.5,97.5
120	0.3502	0.7145	0.9207	0.9004	0.3690	0.4578	14.63	10.52	110-120	3.776	393.8	98.4,98.4
130	0.5058	0.8618	1.012	1.042	0.5457	0.6422	11.05	6.676	120-130	2.707	396.6	99.1,99.1
140	0.6406	0.9854	1.059	1.131	0.6785	0.7911	7.542	2.503	130-140	1.750	398.3	99.5,99.5
150	0.7171	1.047	1.042	1.140	0.7325	0.8796	4.479	1.037	140-150	0.9488	399.3	99.8,99.8
160	0.7210	1.012	0.9364	1.051	0.7175	0.9014	2.195	0.7627	150-160	0.5289	399.8	99.9,99.9
170	0.7287	0.9448	0.7988	0.9588	0.7215	0.9250	1.006	0.7995	160-170	0.2638	400.0	100,100
180	0.7947	1.007	0.8039	0.9300	0.7956	1.007	0.8025	0.9298	170-180	0.0834	400.1	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 187.62 lm

%lum = 46.9%
%lamp = 46.9%

Conical surface Flux(120deg): 280.65 lm

%lum = 70.1%
%lamp = 70.1%

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Kiki
Test Date:2022-12-06

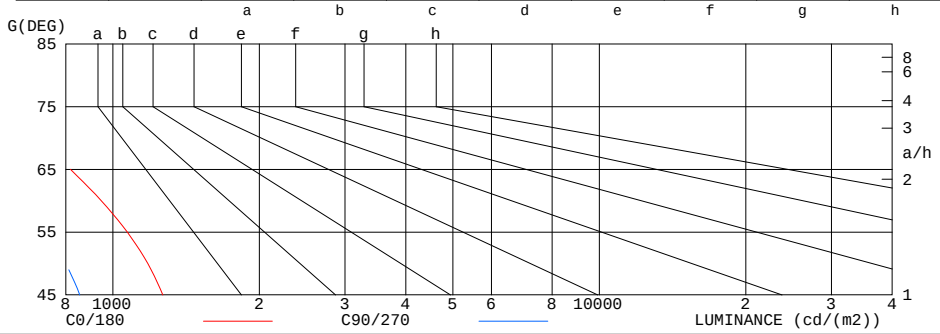
γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-SPEX500_V1 SYSTEM V2.00.421
Humidity:51.8%
Test Distance:3.154m [K=1.0000]
Remarks:

LUMINANCE LIMITATION CURVES

Test:U:230.92V I:0.0240A P:5.1168W PF:0.9231 Freq:49.99Hz Lamp Flux:400.13x1 lm		
NAME: 灯带	TYPE:/	WEIGHT:
SPEC.:/	DIM.: 1m*0.1m	SERIAL No.:1
MFR.: /	SUR.:1m*0.1m	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	369	78
80	485	110
75	563	249
70	690	408
65	818	548
60	946	644
55	1070	733
50	1179	800
45	1266	855

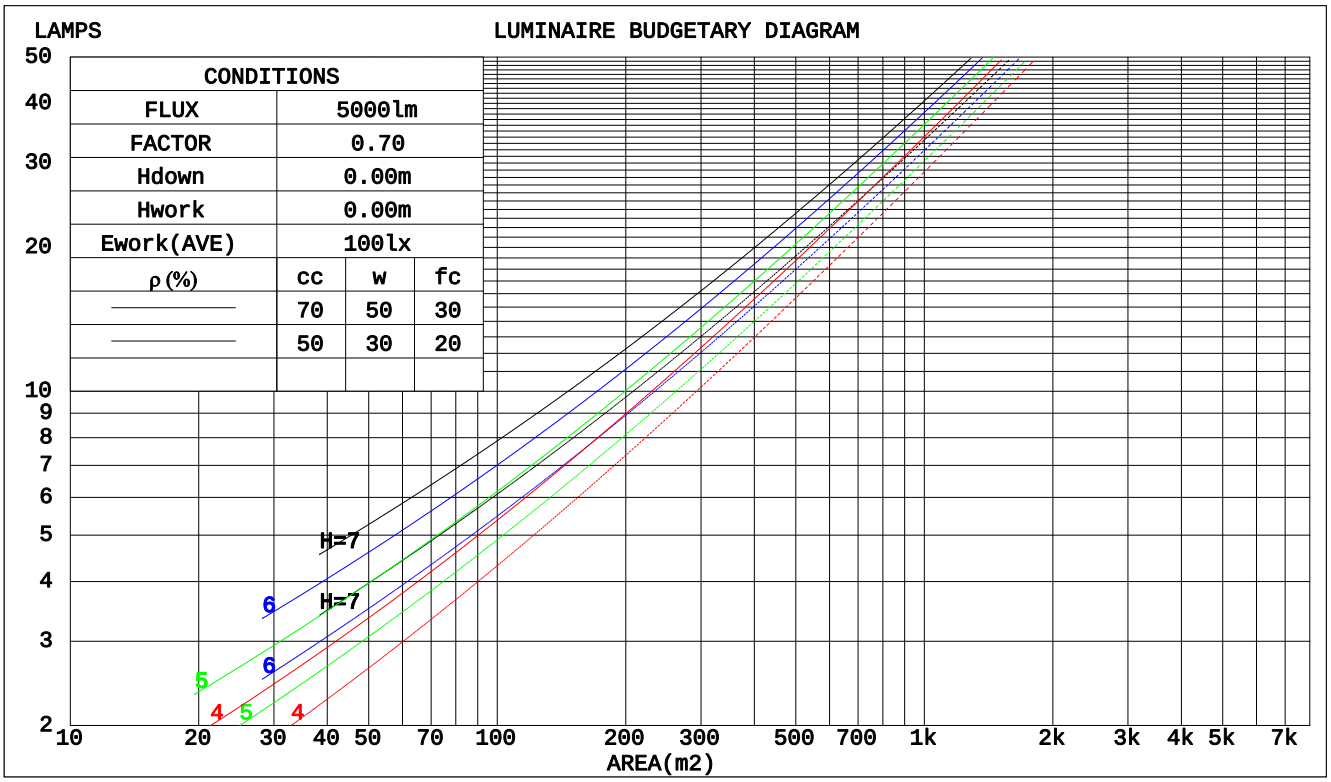
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Kiki
Test Date:2022-12-06

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-SPEX500_V1 SYSTEM V2.00.421
Humidity:51.8%
Test Distance:3.154m [K=1.0000]
Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:230.92V I:0.0240A P:5.1168W PF:0.9231 Freq:49.99Hz Lamp Flux:400.13x1 lm		
NAME: 灯带	TYPE:/	WEIGHT:
SPEC.:/	DIM.: 1m*0.1m	SERIAL No.:1
MFR.: /	SUR.:1m*0.1m	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	1.14	1.14	1.14	1.08	1.08	1.08	1.02	1.02	1.02	.97	.97	.97	.94
1.0	1.01	.96	.92	.98	.94	.90	.93	.89	.86	.88	.85	.82	.83	.81	.79	.76
2.0	.87	.80	.74	.85	.78	.73	.80	.75	.70	.76	.72	.68	.72	.69	.65	.63
3.0	.76	.68	.61	.74	.66	.60	.70	.64	.58	.67	.61	.56	.64	.59	.55	.52
4.0	.67	.58	.51	.66	.57	.51	.62	.55	.49	.59	.53	.48	.56	.51	.47	.44
5.0	.60	.51	.44	.58	.50	.43	.56	.48	.42	.53	.46	.41	.51	.45	.40	.38
6.0	.54	.45	.38	.53	.44	.38	.50	.43	.37	.48	.41	.36	.46	.40	.35	.33
7.0	.49	.40	.33	.48	.39	.33	.46	.38	.32	.44	.37	.32	.42	.36	.31	.29
8.0	.44	.36	.30	.43	.35	.29	.42	.34	.29	.40	.33	.28	.38	.32	.28	.26
9.0	.41	.32	.27	.40	.32	.26	.38	.31	.26	.37	.30	.26	.35	.29	.25	.23
10.0	.37	.29	.24	.37	.29	.24	.35	.28	.24	.34	.28	.23	.33	.27	.23	.21



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Kiki
Test Date:2022-12-06

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-SPEX500_V1 SYSTEM V2.00.421
Humidity:51.8%
Test Distance:3.154m [K=1.0000]
Remarks:

WEC AND CCEC

Test:U:230.92V I:0.0240A P:5.1168W PF:0.9231 Freq:49.99Hz Lamp Flux:400.13x1 lm		
NAME: 灯带	TYPE:/	WEIGHT:
SPEC.:/	DIM.: 1m*0.1m	SERIAL No.:1
MFR.: /	SUR.:1m*0.1m	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	.340	.193	.061	.331	.189	.060	.314	.180	.058	.299	.173	.055	.285	.165	.053	
2.0	.309	.169	.052	.301	.166	.051	.286	.159	.049	.273	.153	.048	.260	.147	.046	
3.0	.281	.150	.045	.274	.147	.044	.261	.141	.043	.249	.136	.042	.237	.131	.041	
4.0	.257	.134	.039	.251	.131	.039	.239	.127	.038	.228	.122	.037	.218	.118	.036	
5.0	.236	.120	.035	.230	.118	.034	.220	.114	.034	.210	.111	.033	.201	.107	.032	
6.0	.218	.109	.031	.213	.107	.031	.203	.104	.030	.194	.101	.030	.186	.098	.029	
7.0	.202	.100	.028	.197	.098	.028	.189	.095	.027	.181	.093	.027	.173	.090	.026	
8.0	.188	.092	.026	.184	.091	.026	.176	.088	.025	.169	.085	.025	.162	.083	.024	
9.0	.176	.085	.024	.172	.084	.024	.165	.082	.023	.158	.079	.023	.152	.077	.022	
10.0	.165	.079	.022	.162	.078	.022	.155	.076	.021	.149	.074	.021	.143	.072	.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	.233	.233	.233	.199	.199	.199	.136	.136	.136	.078	.078	.078	.025	.025	.025	
1.0	.226	.199	.175	.193	.171	.151	.132	.118	.104	.076	.068	.061	.024	.022	.020	
2.0	.218	.175	.139	.187	.151	.121	.128	.104	.084	.074	.061	.049	.024	.020	.016	
3.0	.210	.158	.116	.180	.136	.101	.124	.095	.071	.072	.055	.042	.023	.018	.014	
4.0	.203	.145	.101	.174	.125	.088	.120	.087	.062	.069	.051	.037	.022	.017	.012	
5.0	.195	.135	.090	.168	.117	.079	.115	.082	.056	.067	.048	.033	.022	.016	.011	
6.0	.188	.127	.083	.161	.110	.072	.111	.077	.051	.065	.045	.030	.021	.015	.010	
7.0	.181	.120	.077	.156	.104	.067	.108	.073	.048	.062	.043	.028	.020	.014	.009	
8.0	.174	.114	.073	.150	.099	.063	.104	.069	.045	.060	.041	.027	.020	.013	.009	
9.0	.168	.109	.069	.145	.095	.061	.100	.067	.043	.058	.039	.026	.019	.013	.008	
10.0	.162	.105	.067	.140	.091	.058	.097	.064	.041	.057	.038	.025	.018	.012	.008	

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Kiki
Test Date:2022-12-06

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-SPEX500_V1 SYSTEM V2.00.421
Humidity:51.8%
Test Distance:3.154m [K=1.0000]
Remarks:

UGR(Unified Glare Rating) Table

Test:U:230.92V I:0.0240A P:5.1168W PF:0.9231 Freq:49.99Hz Lamp Flux:400.13x1 lm		
NAME: 灯带	TYPE:/	WEIGHT:
SPEC.:/	DIM.: 1m*0.1m	SERIAL No.:1
MFR.: /	SUR.:1m*0.1m	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	12.2	13.7	12.6	14.0	14.3	10.8	12.3	11.2	12.6	12.9
	3H	13.4	14.7	13.7	15.1	15.4	11.6	13.0	12.0	13.3	13.7
	4H	13.7	15.0	14.1	15.4	15.8	11.8	13.1	12.1	13.4	13.8
	6H	13.9	15.1	14.3	15.5	15.9	11.7	12.9	12.1	13.3	13.7
	8H	13.9	15.1	14.4	15.5	15.9	11.7	12.8	12.1	13.2	13.6
	12H	13.9	15.1	14.4	15.5	15.9	11.6	12.7	12.0	13.1	13.6
4H	2H	12.7	14.0	13.1	14.4	14.7	11.6	12.9	12.0	13.3	13.7
	3H	14.1	15.3	14.6	15.7	16.1	12.6	13.8	13.1	14.2	14.6
	4H	14.6	15.7	15.1	16.1	16.6	12.9	13.9	13.3	14.3	14.8
	6H	14.9	15.9	15.4	16.3	16.8	12.9	13.8	13.3	14.3	14.7
	8H	15.0	15.9	15.5	16.3	16.8	12.8	13.7	13.3	14.2	14.7
	12H	15.0	15.8	15.5	16.3	16.8	12.8	13.6	13.3	14.1	14.6
8H	4H	14.8	15.6	15.3	16.1	16.6	13.2	14.0	13.7	14.5	15.0
	6H	15.2	15.9	15.7	16.4	17.0	13.2	14.0	13.8	14.5	15.0
	8H	15.3	16.0	15.9	16.5	17.1	13.2	13.9	13.8	14.4	15.0
	12H	15.4	15.9	15.9	16.5	17.1	13.2	13.8	13.8	14.3	14.9
12H	4H	14.7	15.5	15.2	16.0	16.5	13.2	14.0	13.7	14.5	15.0
	6H	15.2	15.8	15.7	16.3	16.9	13.3	13.9	13.8	14.5	15.0
	8H	15.3	15.9	15.9	16.4	17.0	13.3	13.8	13.8	14.4	15.0
Variations with the observer position at spacings:											
S = 1.0H		+ 0.1 / - 0.2					+ 0.3 / - 0.4				
1.5H		+ 0.2 / - 0.3					+ 0.5 / - 0.7				
2.0H		+ 0.3 / - 0.5					+ 0.4 / - 1.1				

CIE Pub.117, 400.1 lm Total Lamp Luminous Flux Corrected (8log(F/F0) = -3.2)
Area: 0.1 m2

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Kiki
Test Date:2022-12-06

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-SPEX500_V1 SYSTEM V2.00.421
Humidity:51.8%
Test Distance:3.154m [K=1.0000]
Remarks:

UTILIZATION FACTORS TABLE

Test:U:230.92V I:0.0240A P:5.1168W PF:0.9231 Freq:49.99Hz Lamp Flux:400.13x1 lm		
NAME: 灯带	TYPE:/	WEIGHT:
SPEC.:/	DIM.: 1m*0.1m	SERIAL No.:1
MFR.: /	SUR.:1m*0.1m	Shielding Angle:-

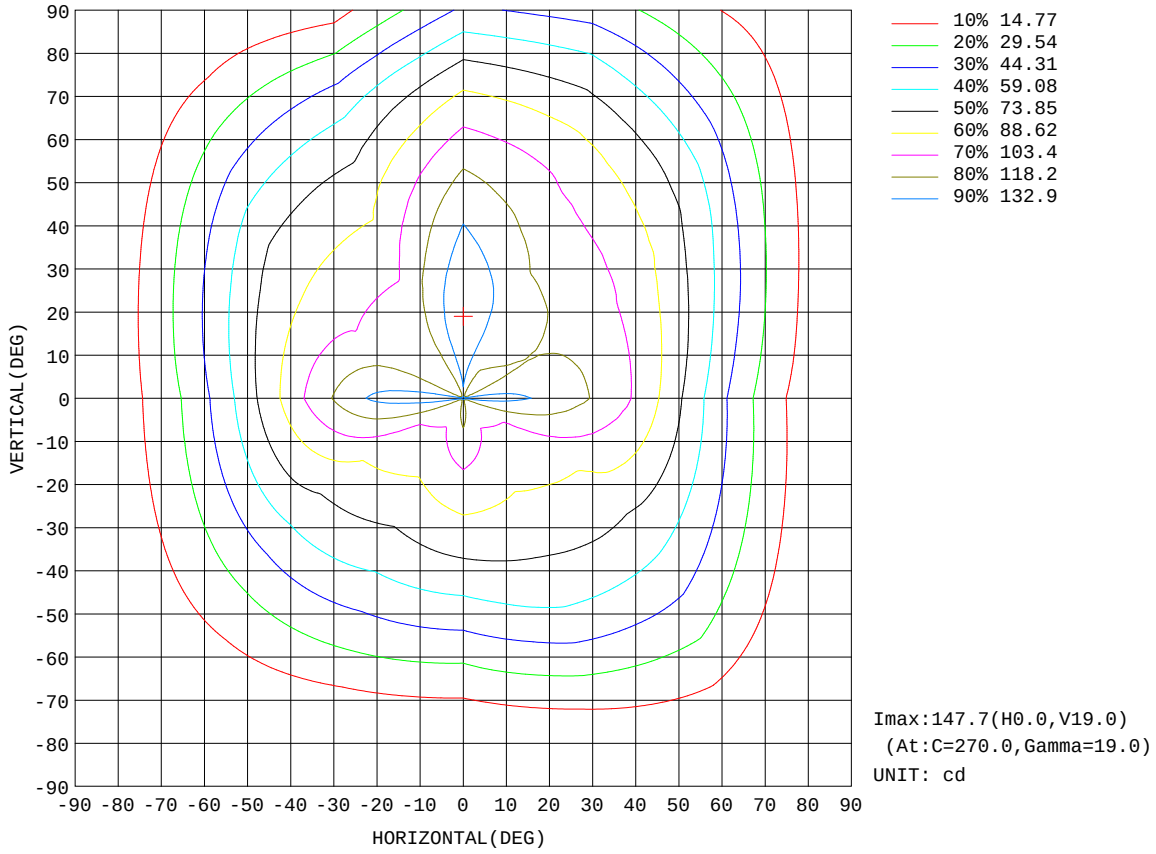
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) k(RI) x RCR = 5									
k = 0.60	54	42	35	53	42	35	52	41	34	28
0.80	64	52	44	63	51	44	60	50	43	36
1.00	72	60	52	71	59	52	68	61	51	44
1.25	79	68	60	77	67	59	74	65	58	50
1.50	84	73	66	82	72	65	78	70	64	55
2.00	91	82	74	89	80	73	85	77	72	62
2.50	95	87	80	93	85	79	88	82	76	67
3.00	99	91	85	96	89	83	91	85	81	71
4.00	103	96	91	100	94	89	95	90	86	75
5.00	106	100	95	103	98	93	97	93	90	79
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:Kiki
Test Date:2022-12-06

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-SPEX500_V1 SYSTEM V2.00.421
Humidity:51.8%
Test Distance:3.154m [K=1.0000]
Remarks:

ISOCANDELA DIAGRAM

Test:U:230.92V I:0.0240A P:5.1168W PF:0.9231 Freq:49.99Hz Lamp Flux:400.13x1 lm		
NAME: 灯带	TYPE:/	WEIGHT:
SPEC.:/	DIM.: 1m*0.1m	SERIAL No.:1
MFR.: /	SUR.:1m*0.1m	Shielding Angle:-



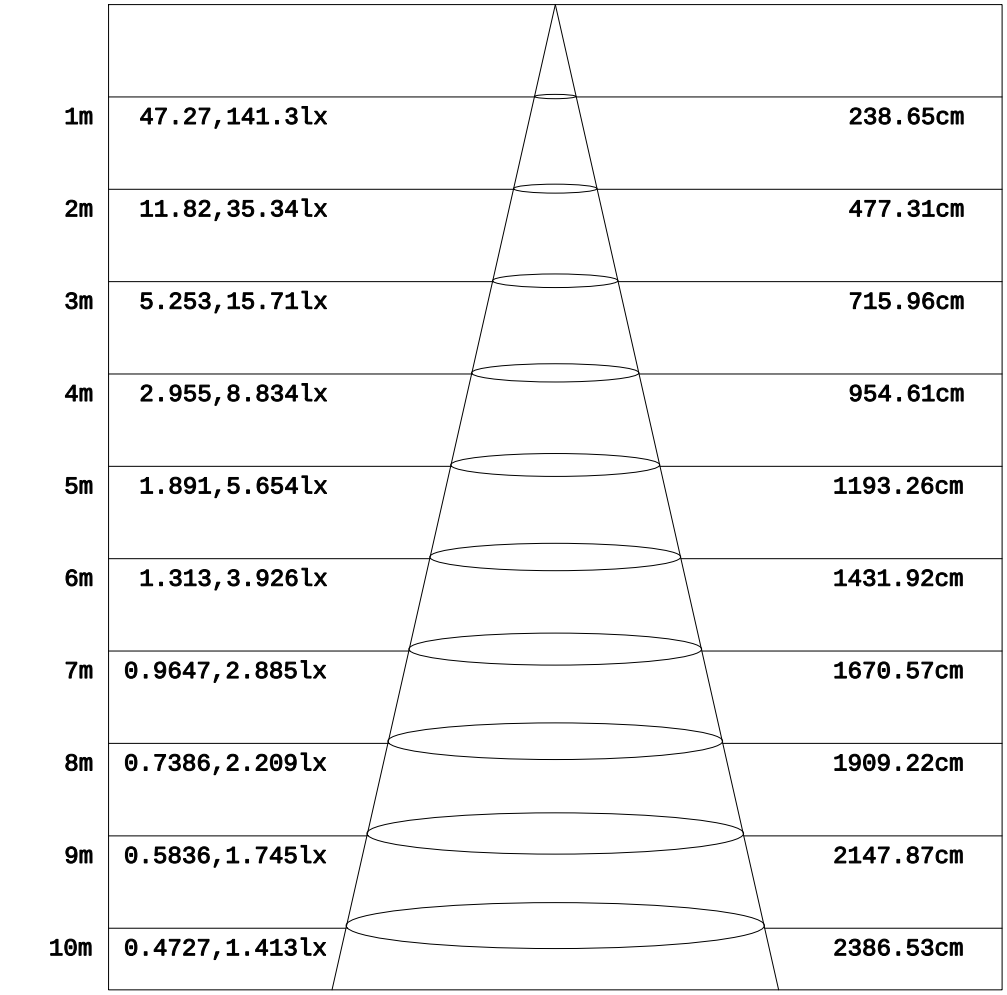
C Range: 0 - 360DEG
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γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-SPEX500_V1 SYSTEM V2.00.421
Humidity:51.8%
Test Distance:3.154m [K=1.0000]
Remarks:

AAI Figure

Test:U:230.92V I:0.0240A P:5.1168W PF:0.9231 Freq:49.99Hz Lamp Flux:400.13x1 lm		
NAME: 灯带	TYPE:/	WEIGHT:
SPEC.:/	DIM.: 1m*0.1m	SERIAL No.:1
MFR.: /	SUR.:1m*0.1m	Shielding Angle:-

Flux out:226.5 lm



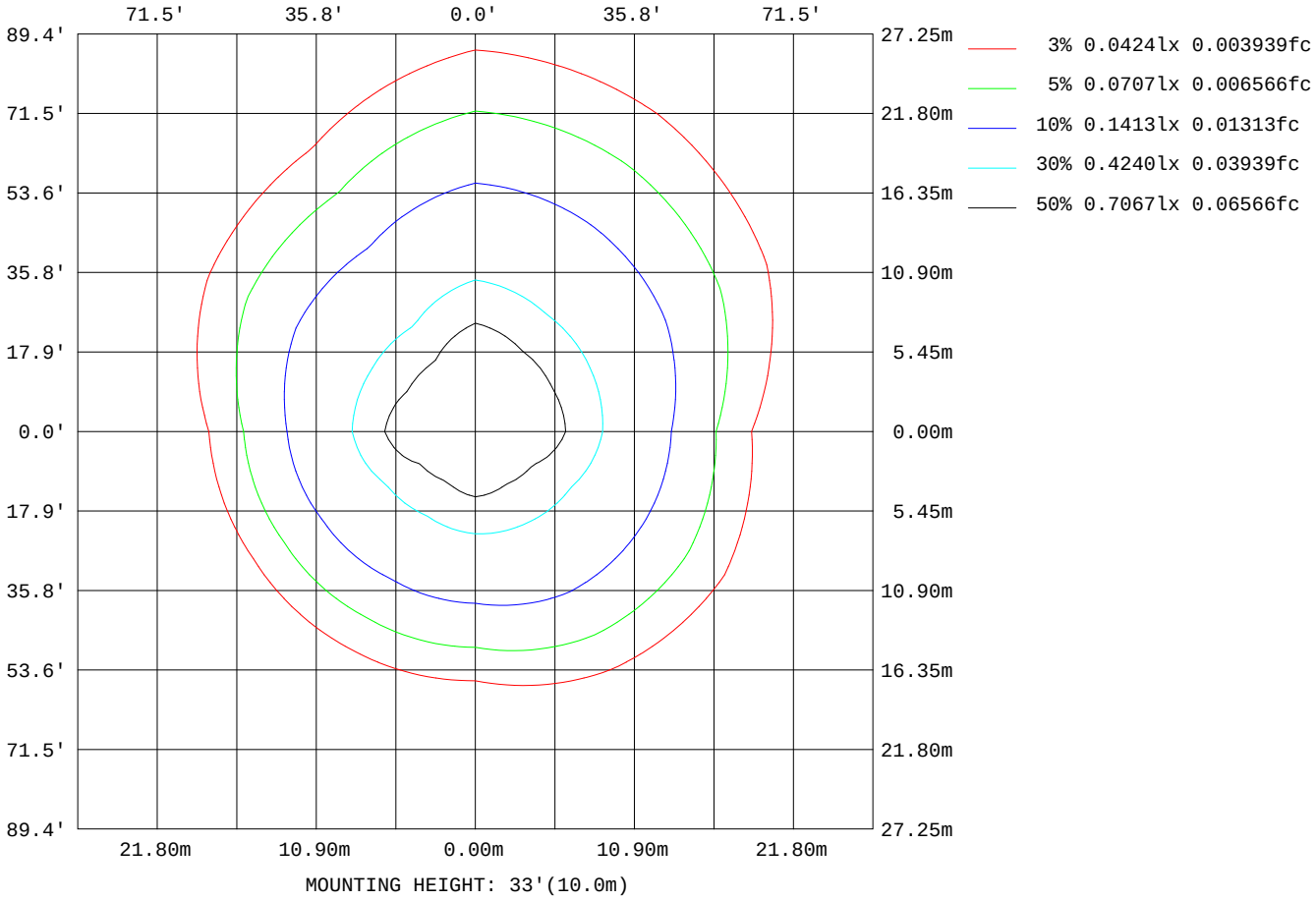
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Kiki
Test Date:2022-12-06

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-SPEX500_V1 SYSTEM V2.00.421
Humidity:51.8%
Test Distance:3.154m [K=1.0000]
Remarks:

ISOLUX DIAGRAM

Test:U:230.92V I:0.0240A P:5.1168W PF:0.9231 Freq:49.99Hz Lamp Flux:400.13x1 lm		
NAME: 灯带	TYPE:/	WEIGHT:
SPEC.:/	DIM.: 1m*0.1m	SERIAL No.:1
MFR.: /	SUR.:1m*0.1m	Shielding Angle:-



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Kiki
Test Date:2022-12-06

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-SPEX500_V1 SYSTEM V2.00.421
Humidity:51.8%
Test Distance:3.154m [K=1.0000]
Remarks:

LED Avg.L Report

Test:U:230.92V I:0.0240A P:5.1168W PF:0.9231 Freq:49.99Hz Lamp Flux:400.13x1 lm		
NAME: 灯带	TYPE:/	WEIGHT:
SPEC.:/	DIM.: 1m*0.1m	SERIAL No.:1
MFR.: /	SUR.:1m*0.1m	Shielding Angle:-

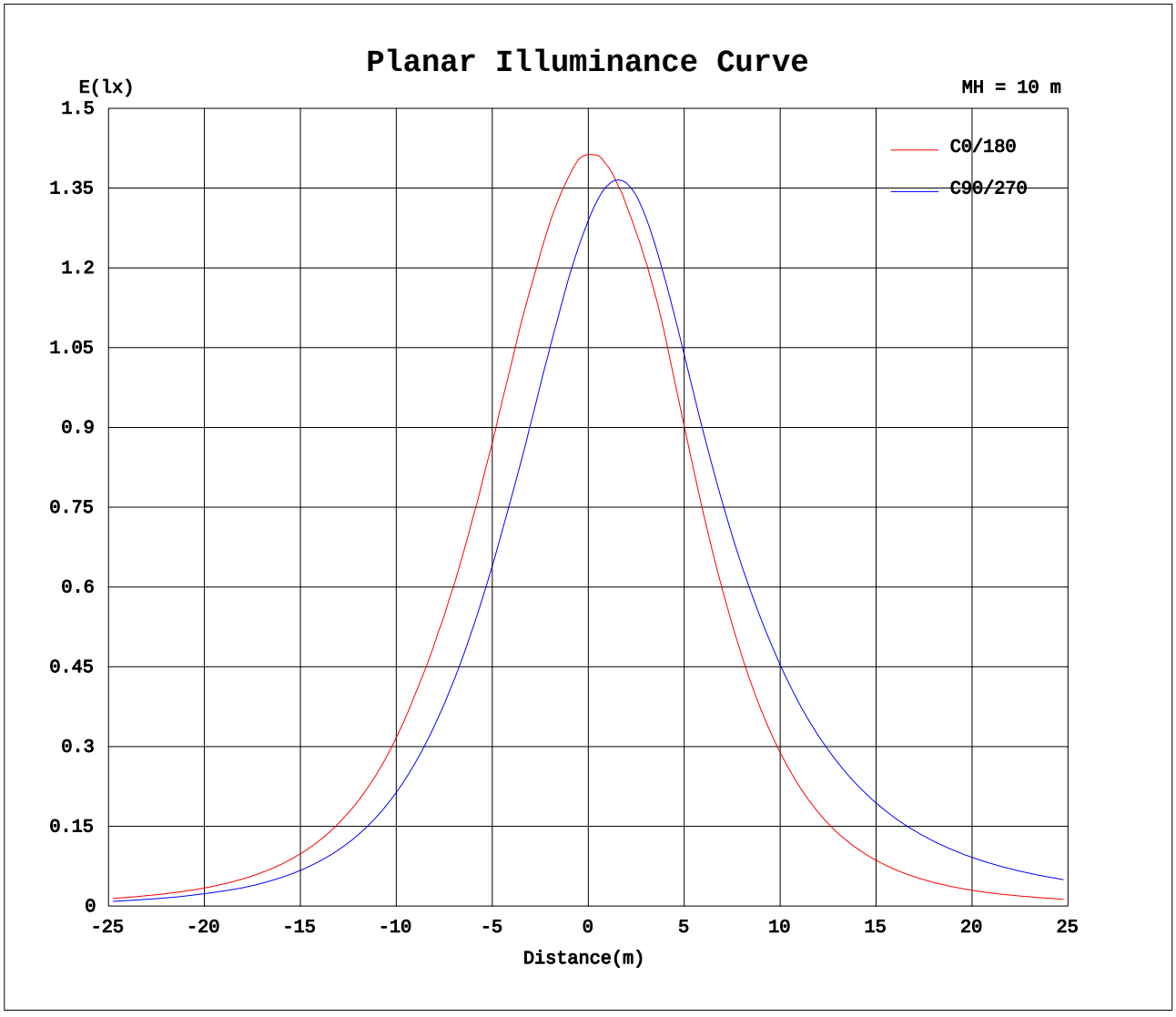
AvgL	cd/m2
L_0~180(65)av	645
L_0~180(75)av	462
L_0~180(85)av	295
L_90~270(65)av	1345
L_90~270(75)av	1565
L_90~270(85)av	3159
L_45(65)av	1324
L_45(75)av	1316
L_45(85)av	1694

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Kiki
Test Date:2022-12-06

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-SPEX500_V1 SYSTEM V2.00.421
Humidity:51.8%
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:Kiki
Test Date:2022-12-06

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-SPEX500_V1 SYSTEM V2.00.421
Humidity:51.8%
Test Distance:3.154m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:230.92V I:0.0240A P:5.1168W PF:0.9231 Freq:49.99Hz Lamp Flux:400.13x1 lm		
NAME: 灯带	TYPE:/	WEIGHT:
SPEC.:/	DIM.: 1m*0.1m	SERIAL No.:1
MFR.: /	SUR.:1m*0.1m	Shielding Angle:-

Table--1 UNIT: cd

γ (DEG) \ C(DEG)	0	30	60	90	120	150	180	210	240	270	300	330
0	119	119	119	119	119	119	119	119	119	119	119	119
5	118	116	114	112	114	116	119	121	122	126	124	122
10	115	112	109	104	108	112	118	122	125	132	128	124
15	112	108	104	97.6	102	107	117	121	125	135	131	125
20	109	105	100.0	90.9	95.8	102	114	119	122	136	132	125
25	104	101	95.2	84.5	90.0	96.9	109	115	118	135	131	124
30	98.6	96.6	90.6	78.0	83.5	91.0	100	111	112	131	128	121
35	92.3	92.6	86.1	71.2	76.8	84.2	90.9	105	106	127	125	117
40	85.2	87.4	80.4	63.8	70.1	77.4	80.2	99.9	101	123	120	112
45	75.4	80.2	74.9	55.8	62.1	69.5	68.8	93.7	96.0	118	117	107
50	63.8	72.7	68.2	47.4	53.5	59.1	56.9	87.6	90.8	113	112	99.1
55	51.7	64.6	58.9	38.8	44.6	48.4	45.3	79.6	84.5	107	108	91.9
60	39.8	55.4	48.6	29.7	35.4	37.7	34.7	69.6	77.2	99.7	102	83.0
65	29.1	45.3	37.4	21.4	25.4	27.9	25.4	57.8	69.0	92.3	94.7	74.4
70	19.9	34.1	25.7	12.9	15.4	18.1	18.1	45.5	59.5	84.3	86.3	63.1
75	12.3	22.9	14.8	5.93	7.73	9.67	11.7	32.7	48.3	75.1	76.6	50.6
80	7.09	11.2	5.69	1.76	2.42	3.52	6.44	20.6	34.9	65.0	65.8	37.7
85	2.71	3.24	1.23	0.63	0.78	0.74	2.43	10.74	22.0	54.4	53.5	25.6
90	0.39	1.14	0.62	0.57	0.67	0.43	0.34	3.16	10.03	43.4	40.6	15.5
95	0.07	0.73	0.52	0.60	0.68	0.37	0.02	0.43	2.23	33.4	30.3	10.11
100	0.08	0.56	0.54	0.66	0.72	0.41	0.06	0.26	0.39	26.3	23.8	8.74
105	0.13	0.52	0.59	0.73	0.77	0.49	0.11	0.24	0.28	22.3	21.0	8.11
110	0.20	0.54	0.65	0.80	0.85	0.59	0.19	0.30	0.29	19.4	18.9	7.65
115	0.27	0.59	0.70	0.86	0.93	0.69	0.27	0.39	0.34	16.9	16.8	7.12
120	0.35	0.65	0.78	0.92	1.01	0.79	0.37	0.49	0.43	14.6	14.5	6.56
125	0.43	0.73	0.86	0.97	1.07	0.88	0.46	0.59	0.52	12.4	10.8	6.04
130	0.51	0.80	0.93	1.01	1.13	0.95	0.55	0.67	0.61	11.0	7.83	5.53
135	0.58	0.87	0.99	1.04	1.18	1.02	0.62	0.75	0.69	9.22	5.66	4.27
140	0.64	0.93	1.04	1.06	1.20	1.06	0.68	0.82	0.76	7.54	3.86	1.15
145	0.69	0.98	1.07	1.06	1.21	1.08	0.71	0.87	0.82	5.93	2.53	0.71
150	0.72	1.00	1.09	1.04	1.19	1.09	0.73	0.90	0.85	4.48	1.35	0.72
155	0.73	1.00	1.08	1.00	1.15	1.06	0.73	0.92	0.88	3.28	0.80	0.75
160	0.72	0.98	1.05	0.94	1.08	1.02	0.72	0.92	0.89	2.19	0.76	0.76
165	0.72	0.95	1.00	0.87	1.01	0.97	0.71	0.92	0.89	1.44	0.77	0.77
170	0.73	0.93	0.96	0.80	0.97	0.94	0.72	0.94	0.91	1.01	0.79	0.81
175	0.76	0.97	0.96	0.79	0.95	0.93	0.76	0.97	0.95	0.84	0.86	0.87
180	0.79	1.02	1.00	0.80	0.94	0.92	0.80	1.02	1.00	0.80	0.94	0.92

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