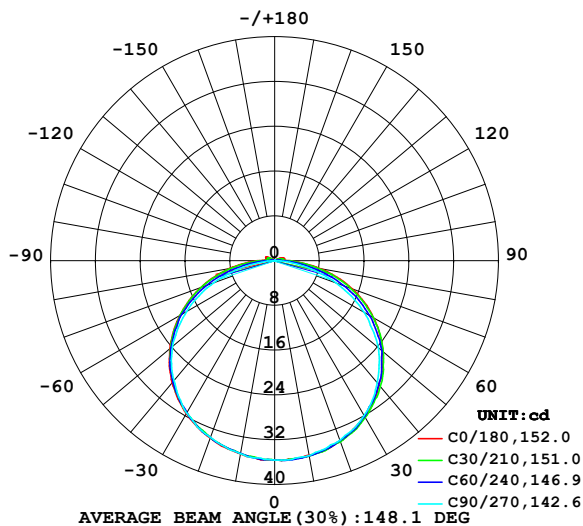


LUMINAIRE PHOTOMETRIC TEST REPORT

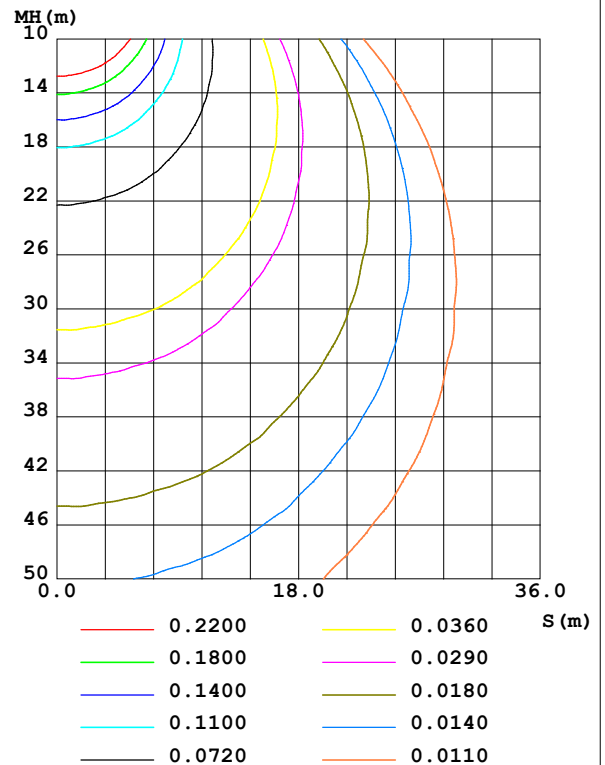
NAME: HCP-3456251-R	TYPE: 2835 R	WEIGHT:
SPEC.:	DIM.: 1*0.012	SERIAL No.:
MFR.: HAVIT COMMERCIAL	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 6.09 lm/W
MODEL	HCP-3456251	Imax (cd)	35.72	S/MH(C0/180)	1.32	
NOMINAL POWER(W)	20	LOR(%)	100.0	S/MH(C90/270)	1.31	
RATED VOLTAGE(V)	24	TOTAL FLUX(lm)	121.83	η UP,DN(C0-180)	1.1,49.3	
NOMINAL FLUX(lm)	121.827	CIE CLASS	DIRECT	η UP,DN(C180-360)	1.2,48.3	
LAMPS INSIDE	1	η up (%)	2.3	CIBSE SHR NOM	1.50	
TEST VOLTAGE(V)	24	η down (%)	97.7	CIBSE SHR MAX	1.55	

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:JING
Test Date:2022-05-23

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.454
Humidity:65.0%
Test Distance:6.070m [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	35.24	35.45	35.39	35.15	35.06	34.99	35.00	35.22	0- 10	3.381	3.381	2.78,2.78
20	34.31	34.33	34.14	33.95	33.73	33.60	33.60	33.92	10- 20	9.801	13.18	10.8,10.8
30	32.16	32.26	31.95	31.73	31.57	31.38	31.44	31.69	20- 30	15.22	28.40	23.3,23.3
40	28.98	29.15	28.52	28.89	28.53	28.26	28.00	28.48	30- 40	18.98	47.38	38.9,38.9
50	25.26	25.16	24.18	24.73	24.44	24.23	23.82	24.36	40- 50	20.62	68.00	55.8,55.8
60	20.36	19.94	18.43	19.58	19.49	19.31	18.11	19.39	50- 60	19.75	87.75	72,72
70	14.76	13.79	11.67	13.54	14.04	13.44	11.58	13.40	60- 70	16.29	104.0	85.4,85.4
80	8.251	7.111	4.657	7.092	8.182	7.019	4.456	6.867	70- 80	10.64	114.7	94.1,94.1
90	2.481	1.946	0.0203	1.939	2.780	1.925	0	1.866	80- 90	4.293	119.0	97.7,97.7
100	1.657	1.052	0	0.9562	1.382	0.9570	0	1.070	90-100	1.256	120.2	98.7,98.7
110	1.522	0.5204	0	0.8143	1.712	0.7810	0	0.5324	100-110	0.8831	121.1	99.4,99.4
120	0.6415	0.0929	0	0.3432	1.085	0.3117	0	0.1421	110-120	0.5199	121.6	99.8,99.8
130	0.0639	0	0	0.0862	0.3010	0.0960	0	0.0161	120-130	0.1296	121.8	100,100
140	0.0087	0.0044	0.0059	0.0292	0.1100	0.0539	0	0.0102	130-140	0.0314	121.8	100,100
150	0.0058	0.0073	0.0117	0.0088	0.0203	0.0349	0	0.0117	140-150	0.0120	121.8	100,100
160	0.0087	0.0087	0.0233	0.0117	0.0203	0.0189	0	0.0146	150-160	0.0055	121.8	100,100
170	0.0232	0.0189	0.0233	0.0219	0.0289	0.0233	0.0175	0.0219	160-170	0.0048	121.8	100,100
180	0.0232	0.0247	0.0263	0.0249	0.0232	0.0218	0.0233	0.0234	170-180	0.0022	121.8	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

0 - 60 DEG Zonal Flux:87.753 %lum: 72.0%
0 - 60 DEG Zonal Flux:87.753 %lum: 72.0%
All measured values may vary less than 35 %
from the average measured value in the 0 to 130 deg. zone: 15.0%
All measured values in the 0 to 130 deg. zone
may vary less than 50% from the average value of itself: 21.7%

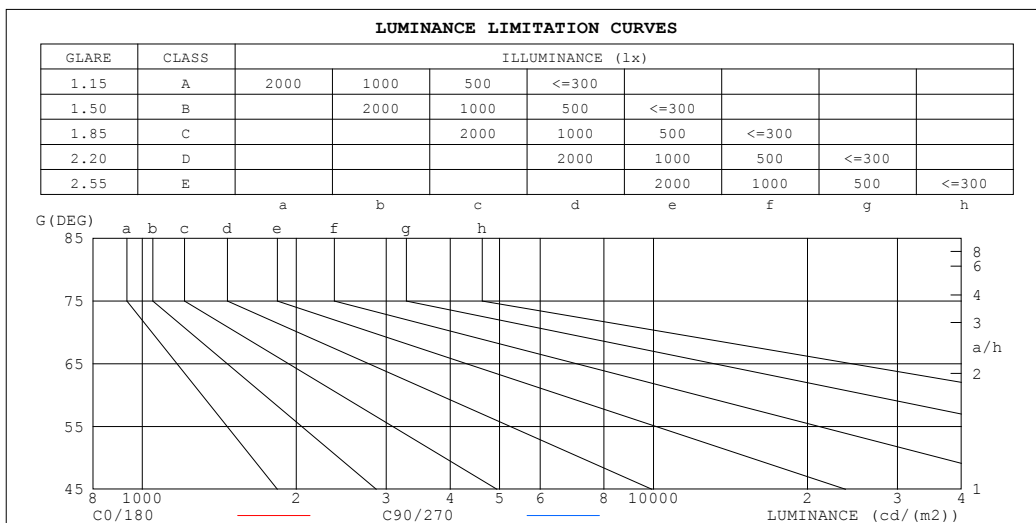
C Range: 0 - 360DEG	γ Range: 0 - 180DEG
C Interval: 30.0DEG	γ Interval: 1.0DEG
Test Speed: HIGH	Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.454
Temperature:25.3DEG	Humidity:65.0%
Operators:JING	Test Distance:6.070m [K=1.0000]
Test Date:2022-05-23	Remarks:

IES Flood Report

Photometric Filename: HCP-3456251-R.IES

LUMINANCE LIMITATION CURVES

NAME: HCP-3456251-R	TYPE: 2835 R	WEIGHT:
SPEC.:	DIM.: 1*0.012	SERIAL No.:
MFR.: HAVIT COMMERCIAL	SUR.:	Shielding Angle:



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	567	186
80	478	268
75	450	312
70	434	341
65	421	358
60	409	368
55	402	371
50	395	376
45	386	372

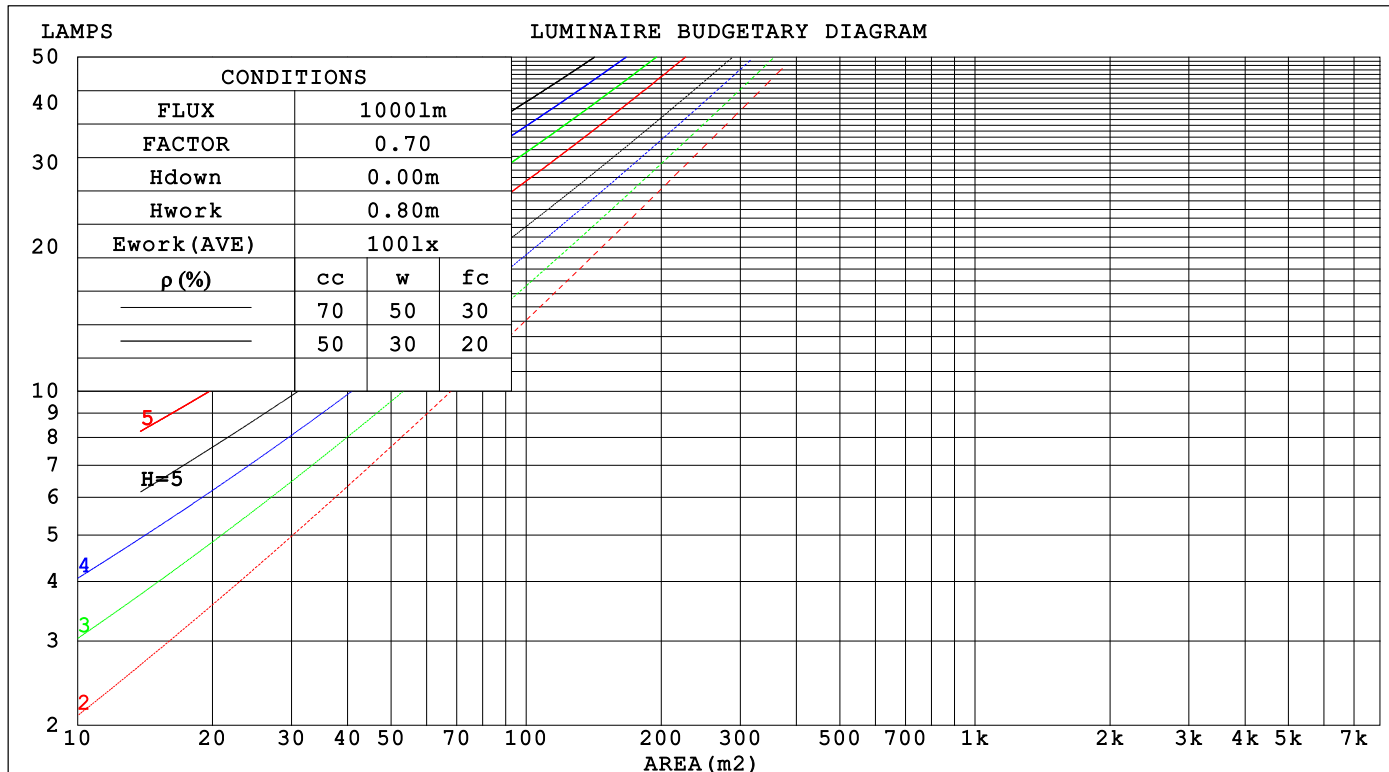
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: JING
Test Date: 2022-05-23

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.454
Humidity: 65.0%
Test Distance: 6.070m [K=1.0000]
Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

NAME: HCP-3456251-R	TYPE: 2835 R	WEIGHT:
SPEC.:	DIM.: 1*0.012	SERIAL No.:
MFR.: HAVIT COMMERCIAL	SUR.:	Shielding Angle:

pcc	80%			70%			50%			30%			10%			0
pw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
pfc	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	1.05	1.05	1.05	.00	.00	.00	.98
1.0	1.02	.97	.93	.99	.95	.91	.94	.91	.88	.90	.87	.84	.86	.84	.82	.79
2.0	.88	.80	.74	.86	.79	.73	.82	.76	.71	.78	.73	.69	.74	.71	.67	.65
3.0	.76	.68	.61	.75	.67	.60	.71	.64	.59	.68	.62	.57	.65	.60	.56	.54
4.0	.67	.58	.51	.66	.57	.50	.63	.55	.49	.60	.54	.48	.58	.52	.48	.45
5.0	.60	.50	.43	.58	.50	.43	.56	.48	.42	.54	.47	.42	.52	.46	.41	.39
6.0	.54	.44	.38	.53	.44	.37	.50	.43	.37	.48	.42	.36	.47	.41	.36	.34
7.0	.48	.39	.33	.47	.39	.33	.46	.38	.32	.44	.37	.32	.42	.36	.32	.29
8.0	.44	.35	.29	.43	.35	.29	.42	.34	.29	.40	.33	.28	.39	.33	.28	.26
9.0	.40	.32	.26	.40	.32	.26	.38	.31	.26	.37	.30	.26	.36	.30	.25	.23
10.0	.37	.29	.24	.37	.29	.24	.35	.28	.23	.34	.28	.23	.33	.27	.23	.21



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:JING
Test Date:2022-05-23

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.454
Humidity:65.0%
Test Distance:6.070m [K=1.0000]
Remarks:

WEC AND CCEC

NAME: HCP-3456251-R	TYPE: 2835 R	WEIGHT:
SPEC.:	DIM.: 1*0.012	SERIAL No.:
MFR.: HAVIT COMMERCIAL	SUR.:	Shielding Angle:

pcc	80%			70%			50%			30%			10%			0														
pw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0														
pfc	20%			20%			20%			20%			20%			0														
RCR	RCR:Room Cavity Ratio															Wall Exitance Coefficients(WEC)														
0.0																														
1.0	.341	.194	.061	.333	.190	.060	.318	.183	.058	.305	.176	.056	.292	.169	.055															
2.0	.313	.171	.053	.306	.168	.052	.293	.163	.051	.281	.157	.049	.269	.152	.048															
3.0	.285	.152	.045	.279	.150	.045	.268	.145	.044	.257	.141	.043	.247	.137	.042															
4.0	.261	.136	.040	.255	.134	.040	.245	.130	.039	.235	.126	.038	.226	.123	.037															
5.0	.240	.122	.035	.235	.120	.035	.225	.117	.035	.217	.114	.034	.209	.111	.033															
6.0	.221	.111	.032	.217	.109	.031	.208	.107	.031	.201	.104	.031	.193	.102	.030															
7.0	.205	.101	.029	.201	.100	.029	.193	.098	.028	.186	.096	.028	.180	.093	.027															
8.0	.191	.093	.026	.187	.092	.026	.180	.090	.026	.174	.088	.025	.168	.086	.025															
9.0	.178	.086	.024	.175	.085	.024	.169	.084	.024	.163	.082	.023	.158	.080	.023															
10.0	.167	.080	.022	.164	.079	.022	.159	.078	.022	.154	.076	.022	.149	.075	.021															

pcc	80%			70%			50%			30%			10%			0
pw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
pfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Ceiling Cavity Exitance Coefficients (CCEC)									
0.0	.208	.208	.208	.178	.178	.178	.121	.121	.121	.070	.070	.070	.022	.022	.022	
1.0	.200	.174	.150	.171	.149	.129	.117	.103	.089	.068	.059	.052	.022	.019	.017	
2.0	.193	.150	.114	.165	.129	.098	.113	.089	.068	.065	.052	.040	.021	.017	.013	
3.0	.186	.133	.090	.159	.114	.078	.109	.079	.055	.063	.046	.032	.020	.015	.011	
4.0	.178	.119	.075	.153	.103	.065	.105	.072	.046	.061	.042	.027	.020	.014	.009	
5.0	.170	.109	.064	.146	.095	.056	.101	.066	.039	.058	.039	.023	.019	.013	.008	
6.0	.163	.101	.056	.140	.087	.049	.097	.061	.035	.056	.036	.021	.018	.012	.007	
7.0	.156	.094	.051	.134	.082	.044	.093	.057	.031	.054	.034	.019	.017	.011	.006	
8.0	.149	.088	.046	.129	.077	.041	.089	.054	.029	.052	.032	.017	.017	.010	.006	
9.0	.143	.083	.043	.123	.072	.038	.085	.051	.027	.050	.030	.016	.016	.010	.005	
10.0	.137	.079	.041	.118	.069	.035	.082	.048	.025	.048	.029	.015	.016	.009	.005	

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:JING
Test Date:2022-05-23

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.454
Humidity:65.0%
Test Distance:6.070m [K=1.0000]
Remarks:

UGR(Unified Glare Rating) Table

NAME: HCP-3456251-R					TYPE: 2835 R					WEIGHT:				
SPEC.:					DIM.: 1*0.012					SERIAL No.:				
MFR.: HAVIT COMMERCIAL					SUR.:					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	17.2	18.7	17.5	19.0	19.2	16.8	18.3	17.1	18.6	18.9				
3H	19.1	20.6	19.5	20.9	21.2	18.4	19.9	18.8	20.1	20.4				
4H	20.0	21.4	20.4	21.7	22.0	19.0	20.4	19.4	20.7	21.0				
6H	20.8	22.1	21.2	22.5	22.8	19.5	20.8	19.8	21.1	21.4				
8H	21.2	22.4	21.6	22.8	23.1	19.6	20.8	20.0	21.2	21.5				
12H	21.5	22.7	21.9	23.0	23.4	19.6	20.8	20.0	21.2	21.5				
4H 2H	17.9	19.2	18.2	19.5	19.8	17.6	18.9	17.9	19.2	19.5				
3H	20.0	21.2	20.4	21.6	21.9	19.4	20.6	19.8	20.9	21.3				
4H	21.1	22.2	21.5	22.5	22.9	20.2	21.3	20.6	21.6	22.0				
6H	22.0	23.0	22.5	23.4	23.8	20.7	21.7	21.2	22.1	22.5				
8H	22.4	23.4	22.9	23.8	24.2	20.9	21.8	21.3	22.2	22.7				
12H	22.8	23.7	23.3	24.1	24.6	21.0	21.8	21.5	22.3	22.7				
8H 4H	21.4	22.3	21.8	22.7	23.2	20.6	21.5	21.1	21.9	22.4				
6H	22.5	23.3	23.0	23.8	24.2	21.4	22.1	21.8	22.6	23.1				
8H	23.1	23.8	23.6	24.3	24.8	21.6	22.3	22.1	22.8	23.3				
12H	23.6	24.2	24.2	24.7	25.3	21.8	22.4	22.3	22.9	23.4				
12H 4H	21.4	22.2	21.9	22.7	23.1	20.7	21.5	21.1	22.0	22.4				
6H	22.6	23.3	23.1	23.8	24.3	21.5	22.2	22.0	22.7	23.2				
8H	23.3	23.8	23.8	24.3	24.9	21.9	22.5	22.4	23.0	23.5				
Variations with the observer position at spacings(CIE Pub.117):														
S = 1.0H	+ 0.1 / - 0.1					+ 0.1 / - 0.2								
1.5H	+ 0.2 / - 0.3					+ 0.2 / - 0.3								
2.0H	+ 0.1 / - 0.3					+ 0.2 / - 0.4								

CIE Pub.117, 121.8 lm Total Lamp Luminous Flux Correct (8log(F/F0) = -7.3)
Area: 0.1 m2

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:JING
Test Date:2022-05-23

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.454
Humidity:65.0%
Test Distance:6.070m [K=1.0000]
Remarks:

UTILIZATION FACTORS TABLE

NAME: HCP-3456251-R	TYPE: 2835 R	WEIGHT:
SPEC.:	DIM.: 1*0.012	SERIAL No.:
MFR.: HAVIT COMMERCIAL	SUR.:	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) $k(RI) \times RCR = 5$									
$k = 0.60$	54	42	35	53	42	35	52	41	35	28
0.80	64	52	44	63	51	44	61	50	43	36
1.00	72	61	53	71	60	52	69	61	52	44
1.25	80	68	60	78	67	60	75	66	59	51
1.50	85	74	66	83	73	66	80	71	65	56
2.00	92	82	75	90	81	74	86	79	73	64
2.50	96	87	81	94	86	80	90	83	78	69
3.00	100	92	86	97	90	85	93	87	82	73
4.00	104	98	92	101	96	91	97	92	88	78
5.00	107	101	97	104	99	95	99	95	91	81
ROOM INDEX	UF (total)									Direct
According to DIN EN 13032-2 2004					Suspended			SHRNM = 1.25		

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:JING
Test Date:2022-05-23

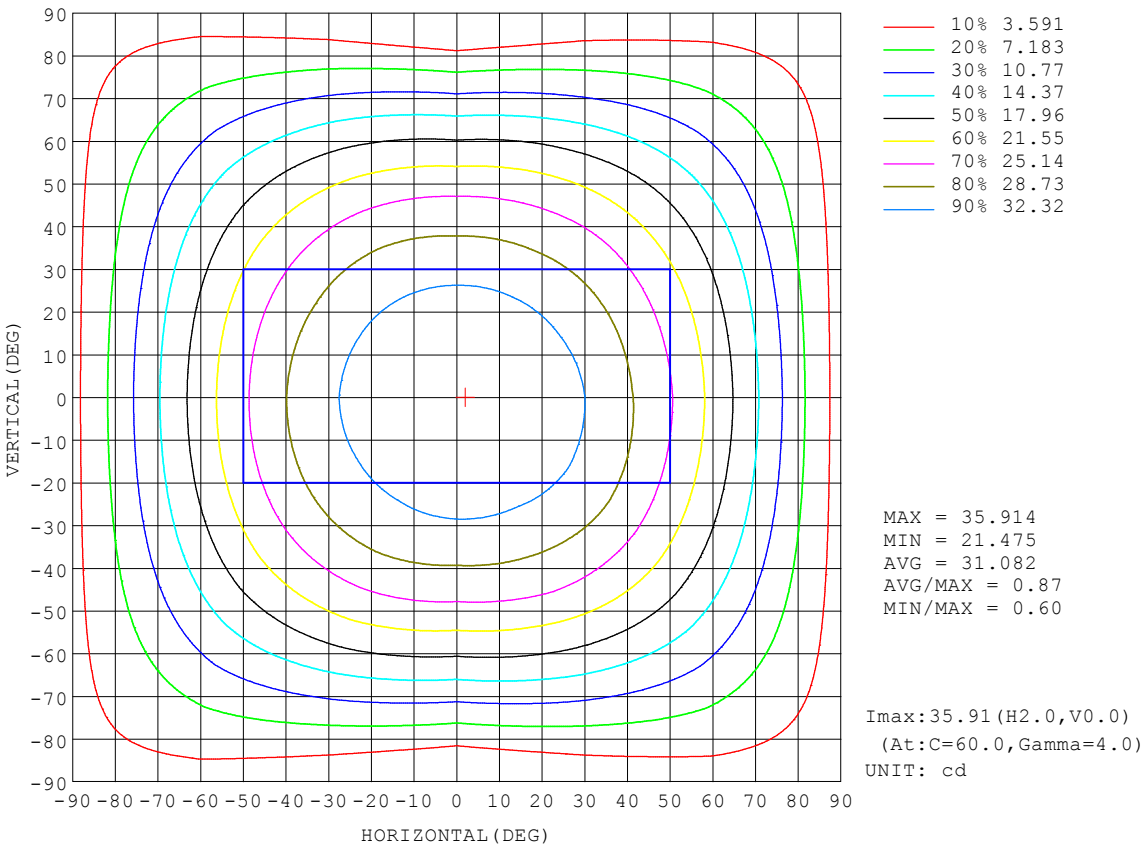
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Range: 0 - 180DEG
Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.454
Humidity:65.0%
Test Distance:6.070m [K=1.0000]
Remarks:

```

ISOCANDELA DIAGRAM

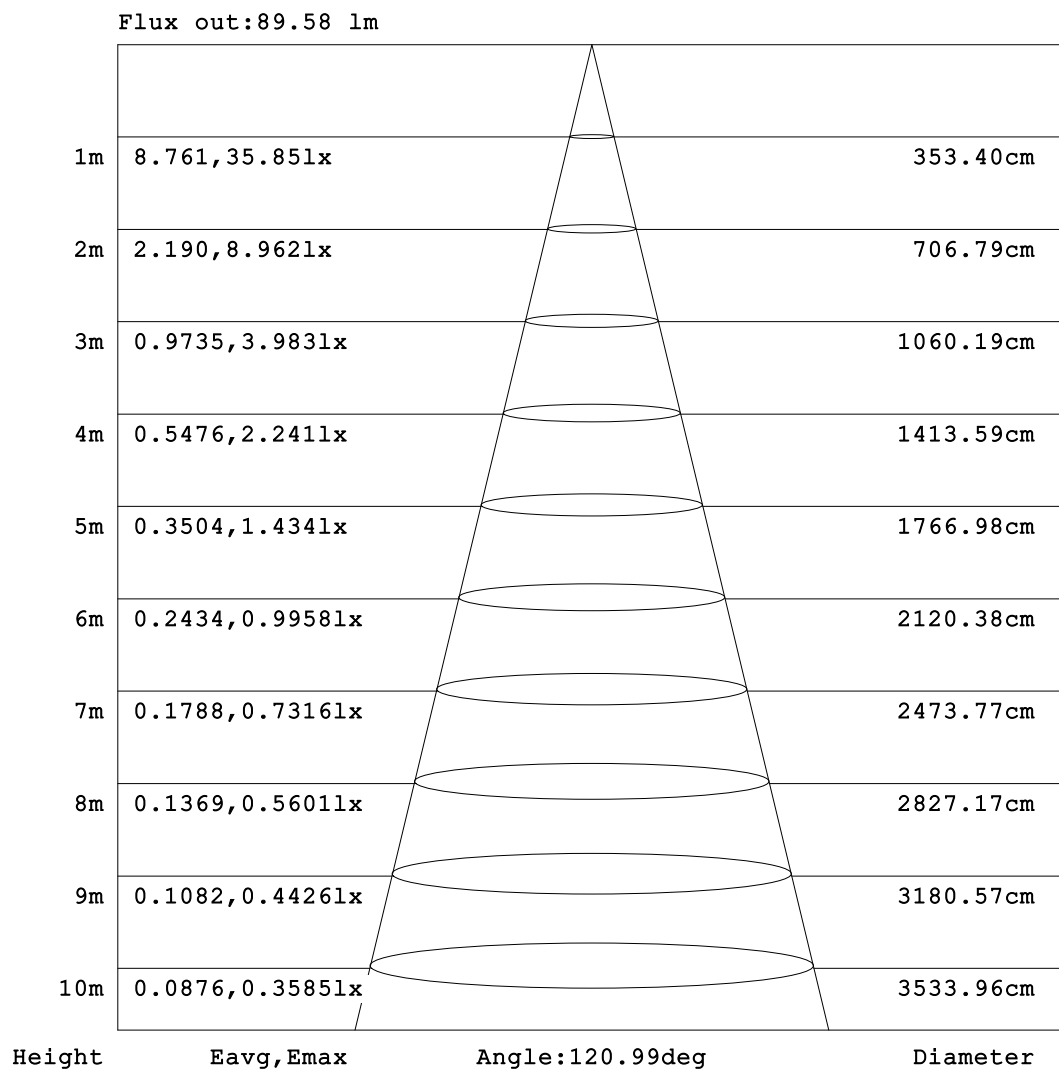
NAME: HCP-3456251-R	TYPE: 2835 R	WEIGHT:
SPEC.:	DIM.: 1*0.012	SERIAL No.:
MFR.: HAVIT COMMERCIAL	SUR.:	Shielding Angle:



C Range: 0 - 360DEG	γ Range: 0 - 180DEG
C Interval: 30.0DEG	γ Interval: 1.0DEG
Test Speed: HIGH	Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.454
Temperature: 25.3DEG	Humidity: 65.0%
Operators: JING	Test Distance: 6.070m [K=1.0000]
Test Date: 2022-05-23	Remarks:

AAI Figure

NAME: HCP-3456251-R	TYPE: 2835 R	WEIGHT:
SPEC.:	DIM.: 1*0.012	SERIAL No.:
MFR.: HAVIT COMMERCIAL	SUR.:	Shielding Angle:



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:JING
Test Date:2022-05-23

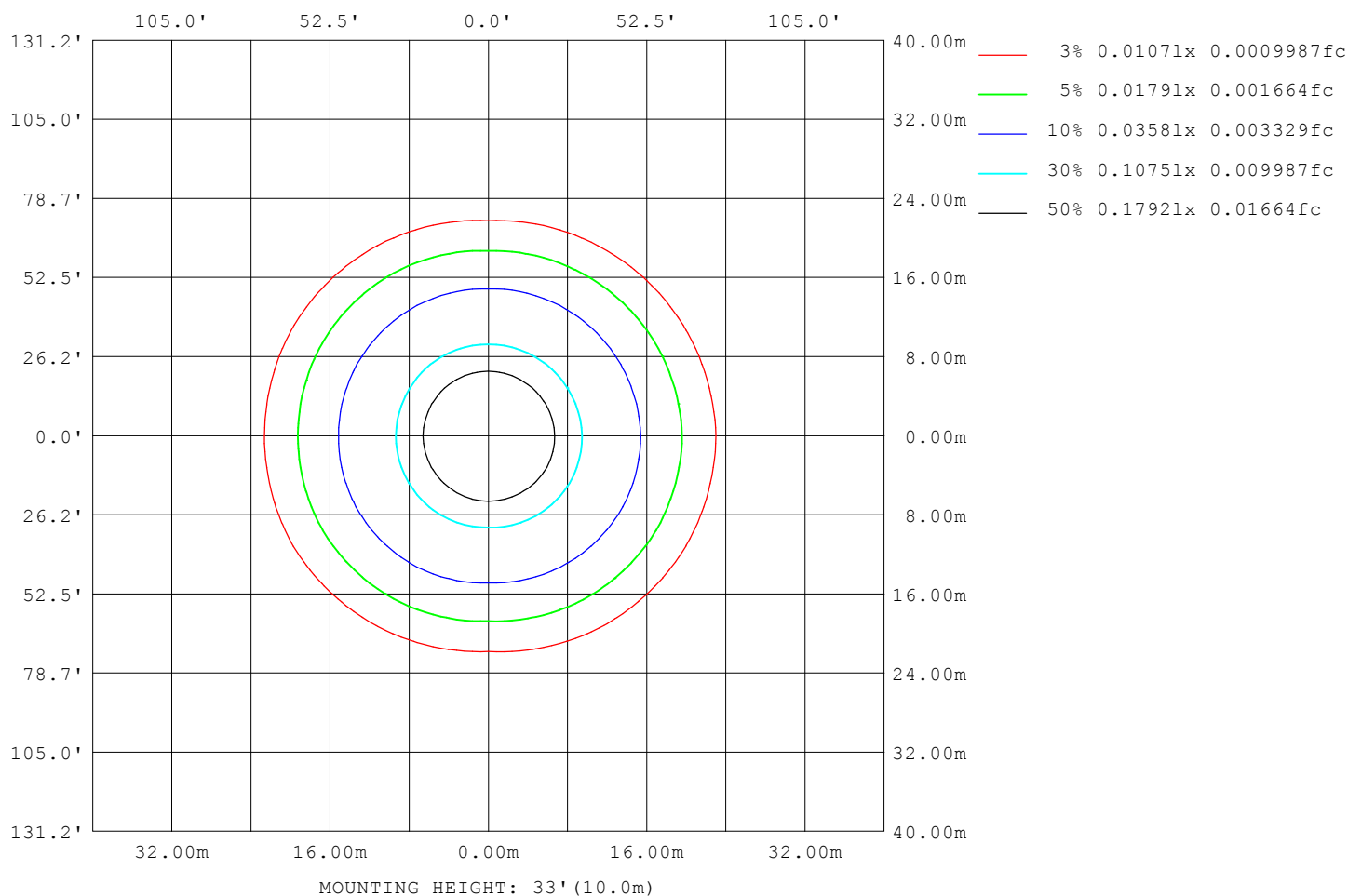
γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.454
Humidity:65.0%
Test Distance:6.070m [K=1.0000]
Remarks:

IES Flood Report

Photometric Filename: HCP-3456251-R.IES

ISOLUX DIAGRAM

NAME: HCP-3456251-R	TYPE: 2835 R	WEIGHT:
SPEC.:	DIM.: 1*0.012	SERIAL No.:
MFR.: HAVIT COMMERCIAL	SUR.:	Shielding Angle:



C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: JING
 Test Date: 2022-05-23

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.454
 Humidity: 65.0%
 Test Distance: 6.070m [K=1.0000]
 Remarks:

LED Avg.L Report

NAME: HCP-3456251-R	TYPE: 2835 R	WEIGHT:
SPEC.:	DIM.: 1*0.012	SERIAL No.:
MFR.: HAVIT COMMERCIAL	SUR.:	Shielding Angle:

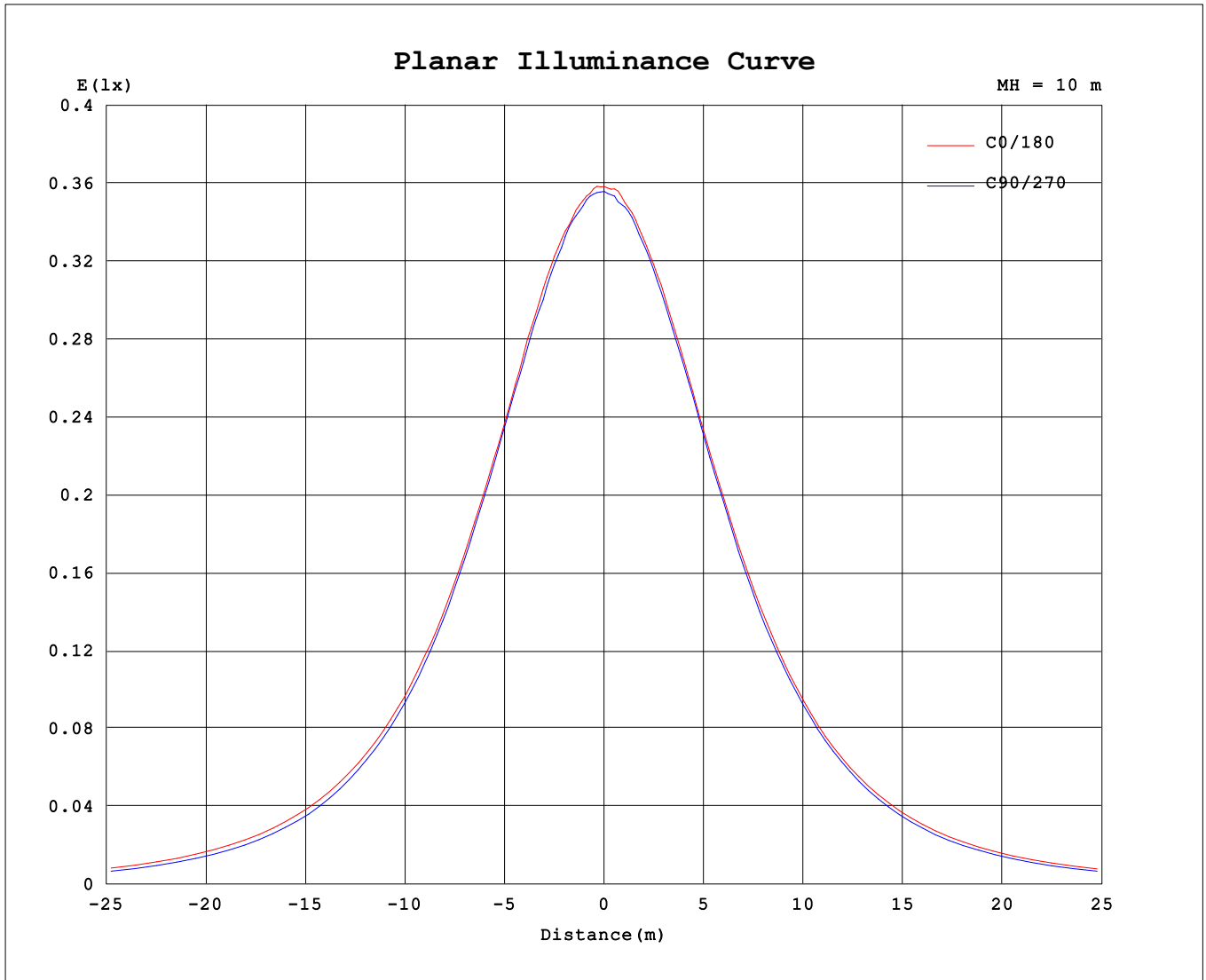
AvgL	cd/m2
L_0~180 (65) av	408
L_0~180 (75) av	438
L_0~180 (85) av	584
L_90~270 (65) av	356
L_90~270 (75) av	311
L_90~270 (85) av	168
L_45 (65) av	396
L_45 (75) av	400
L_45 (85) av	474

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: JING
Test Date: 2022-05-23

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.454
Humidity: 65.0%
Test Distance: 6.070m [K=1.0000]
Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: JING
Test Date: 2022-05-23

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.454
Humidity: 65.0%
Test Distance: 6.070m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

NAME: HCP-3456251-R	TYPE: 2835 R	WEIGHT:
SPEC.:	DIM.: 1*0.012	SERIAL No.:
MFR.: HAVIT COMMERCIAL	SUR.:	Shielding Angle:

Table--1

UNIT: cd

C (DEG) γ (DEG)	0	30	60	90	120	150	180	210	240	270	300	330							
0	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6							
5	35.6	35.6	35.7	35.6	35.6	35.5	35.5	35.4	35.5	35.4	35.5	35.5							
10	35.2	35.5	35.4	35.4	35.2	35.1	35.1	35.0	35.0	35.0	35.2	35.2							
15	35.0	35.1	35.0	34.8	34.7	34.6	34.5	34.4	34.4	34.4	34.6	34.7							
20	34.3	34.4	34.2	34.1	34.0	33.9	33.7	33.6	33.6	33.6	33.8	34.0							
25	33.3	33.6	33.4	33.2	33.0	32.9	32.8	32.6	32.7	32.7	32.8	32.9							
30	32.2	32.4	32.2	31.9	31.8	31.7	31.6	31.4	31.4	31.4	31.6	31.8							
35	30.8	30.9	30.7	30.5	30.5	30.4	30.1	29.9	29.9	29.8	29.9	30.3							
40	29.0	29.4	28.9	28.5	28.9	28.8	28.5	28.2	28.3	28.0	28.3	28.7							
45	27.1	27.5	27.0	26.4	27.0	26.8	26.6	26.3	26.5	26.1	26.4	26.8							
50	25.3	25.3	25.0	24.2	24.7	24.7	24.4	24.3	24.2	23.8	24.2	24.5							
55	22.9	23.1	22.3	21.3	22.3	22.4	22.1	22.0	21.7	21.1	21.8	22.3							
60	20.4	20.3	19.6	18.4	19.3	19.8	19.5	19.5	19.1	18.1	19.0	19.8							
65	17.7	17.5	16.5	15.1	16.3	17.0	16.8	16.8	16.1	14.9	16.0	17.0							
70	14.8	14.4	13.2	11.7	13.0	14.1	14.0	13.9	12.9	11.6	12.8	14.0							
75	11.6	11.2	9.69	8.09	9.58	11.0	11.1	10.9	9.62	8.00	9.40	10.8							
80	8.25	7.92	6.30	4.66	6.27	7.91	8.18	7.78	6.26	4.46	6.16	7.58							
85	4.91	4.72	3.39	1.63	3.39	4.90	5.27	4.78	3.38	1.30	3.28	4.46							
90	2.48	2.35	1.54	0.02	1.43	2.44	2.78	2.40	1.45	0.00	1.52	2.21							
95	1.66	1.56	1.01	0.00	0.84	1.34	1.55	1.39	0.83	0.00	0.99	1.59							
100	1.66	1.44	0.67	0.00	0.65	1.26	1.38	1.28	0.63	0.00	0.66	1.48							
105	1.66	1.34	0.29	0.00	0.46	1.37	1.54	1.34	0.43	0.00	0.31	1.38							
110	1.52	1.00	0.04	0.00	0.24	1.39	1.71	1.38	0.18	0.00	0.06	1.01							
115	1.10	0.62	0.00	0.00	0.15	1.12	1.59	1.10	0.08	0.00	0.00	0.66							
120	0.64	0.19	0.00	0.00	0.08	0.60	1.09	0.58	0.04	0.00	0.00	0.28							
125	0.22	0.01	0.00	0.00	0.05	0.28	0.52	0.28	0.02	0.00	0.00	0.08							
130	0.06	0.00	0.00	0.00	0.02	0.15	0.30	0.18	0.01	0.00	0.00	0.03							
135	0.02	0.00	0.00	0.01	0.00	0.11	0.16	0.13	0.01	0.00	0.01	0.01							
140	0.01	0.01	0.00	0.01	0.00	0.06	0.11	0.10	0.01	0.00	0.01	0.01							
145	0.01	0.01	0.00	0.01	0.00	0.02	0.06	0.07	0.01	0.00	0.01	0.01							
150	0.01	0.01	0.00	0.01	0.00	0.01	0.02	0.05	0.02	0.00	0.01	0.01							
155	0.01	0.02	0.00	0.01	0.00	0.02	0.02	0.02	0.02	0.00	0.01	0.01							
160	0.01	0.02	0.00	0.02	0.00	0.02	0.02	0.02	0.02	0.00	0.02	0.01							
165	0.02	0.02	0.00	0.02	0.01	0.02	0.02	0.02	0.02	0.01	0.02	0.01							
170	0.02	0.02	0.02	0.02	0.02	0.02	0.03	0.02	0.03	0.02	0.02	0.02							
175	0.02	0.02	0.02	0.02	0.02	0.02	0.03	0.02	0.03	0.02	0.02	0.02							
180	0.02	0.02	0.03	0.03	0.03	0.02	0.02	0.02	0.02	0.02	0.02	0.02							

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