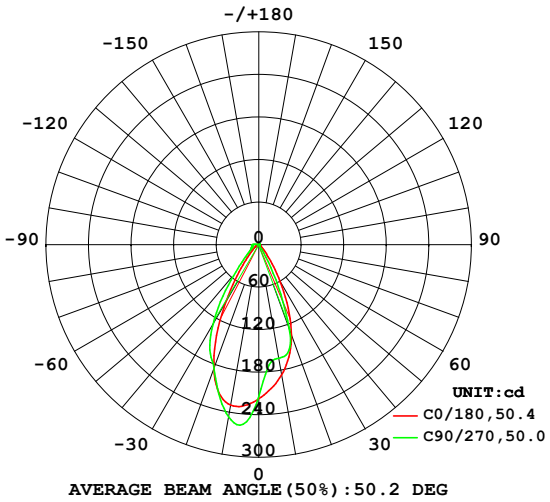
LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:23.997V I:0.2342A P:5.6201W PF:1.0000 Freq:50.00Hz Lamp Flux:187.592x1 lm		
NAME: HCP-271915 3000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ONIKE	SUR.:	Shielding Angle:

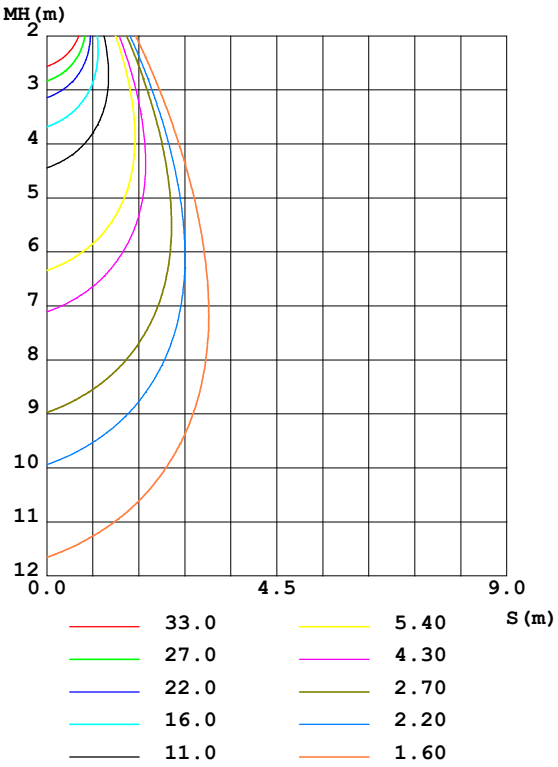
DATA OF LAMP		PHOTOMETRIC DATA		Eff: 33.38 lm/W	
MODEL	HCP-271915 3000K	Imax(cd)	256.9	S/MH(C0/180)	0.84
NOMINAL POWER(W)	6	LOR(%)	100.0	S/MH(C90/270)	0.96
RATED VOLTAGE(V)	24	TOTAL FLUX(lm)	187.59	η UP,DN(C0-180)	0.7,29.1
NOMINAL FLUX(lm)	187.592	CIE CLASS	DIRECT	η UP,DN(C180-360)	1.8,68.4
LAMPS INSIDE	1	η up(%)	2.5	CIBSE SHR NOM	0.75
TEST VOLTAGE(V)	23.997	η down(%)	97.5	CIBSE SHR MAX	0.80

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



AVERAGE BEAM ANGLE(50%):50.2 DEG

C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2025-11-29

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.421
Humidity:65.0%
Test Distance:8.003m [K=1.0000]
Remarks: HCP-271915 Front Cover 3000K

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum,lamp
10	186.6	156.0	162.8	164.8	229.9	251.0	246.6	246.5	0- 10	20.12	20.12	10.7,10.7
20	134.9	123.6	126.5	123.5	185.7	188.6	185.3	199.4	10- 20	52.02	72.14	38.5,38.5
30	61.29	29.04	20.61	40.85	92.63	115.7	129.0	114.9	20- 30	52.98	125.1	66.7,66.7
40	16.85	0.8590	0.4828	4.592	28.73	45.85	50.92	43.49	30- 40	27.88	153.0	81.6,81.6
50	5.010	0.3129	0.2739	0.7658	10.85	19.22	20.93	17.87	40- 50	11.45	164.5	87.7,87.7
60	1.726	0.0958	0.0044	0.2044	5.348	11.59	12.82	10.27	50- 60	6.170	170.6	91,91
70	0.5220	0.0130	0.0043	0.0652	3.707	9.492	10.99	8.202	60- 70	4.571	175.2	93.4,93.4
80	0.1044	0.0130	0.0304	0.0261	2.657	8.434	10.09	6.969	70- 80	4.029	179.2	95.5,95.5
90	0.0217	0.0434	0.0391	0.0304	2.088	7.832	9.374	5.877	80- 90	3.636	182.9	97.5,97.5
100	0.0173	0.0434	0.0435	0.0478	0.2937	2.102	3.678	1.831	90-100	2.485	185.3	98.8,98.8
110	0.0391	0.0955	0.1084	0.0910	0.0261	0	0	0	100-110	0.2358	185.6	98.9,98.9
120	0.1128	0.2519	0.2605	0.2477	0.1000	0.0174	0.0044	0.0305	110-120	0.0855	185.7	99,99
130	0.3170	0.5331	0.5385	0.4513	0.2652	0.1305	0.1087	0.1566	120-130	0.1833	185.8	99.1,99.1
140	0.6077	0.8122	0.8550	0.7381	0.5302	0.3522	0.3087	0.4042	130-140	0.3341	186.2	99.2,99.2
150	0.9289	1.090	1.142	1.089	0.8342	0.6693	0.6084	0.7214	140-150	0.4542	186.6	99.5,99.5
160	1.155	1.294	1.364	1.281	1.108	0.9862	0.9558	1.034	150-160	0.4699	187.1	99.7,99.7
170	1.368	1.433	1.451	1.429	1.338	1.264	1.238	1.290	160-170	0.3541	187.5	99.9,99.9
180	1.498	1.464	1.490	1.498	1.498	1.451	1.459	1.485	170-180	0.1344	187.6	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2025-11-29

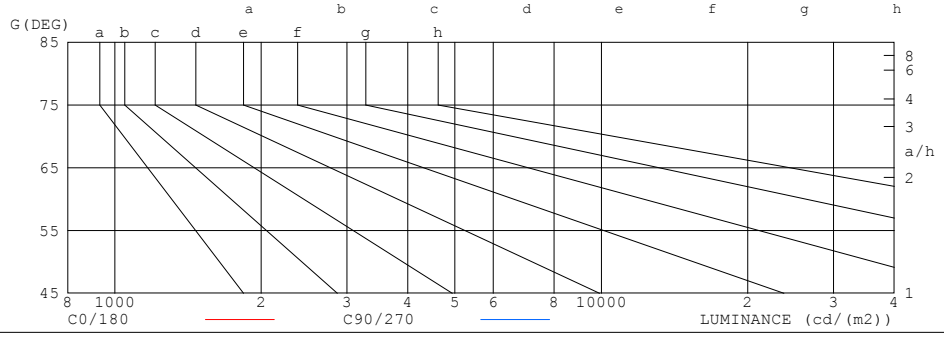
γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.421
Humidity:65.0%
Test Distance:8.003m [K=1.0000]
Remarks: HCP-271915 Front Cover 3000K

LUMINANCE LIMITATION CURVES

Test:U:23.997V I:0.2342A P:5.6201W PF:1.0000 Freq:50.00Hz Lamp Flux:187.592x1 lm		
NAME: HCP-271915 3000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ONIKE	SUR.:	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	6	4
80	6	2
75	8	1
70	15	0
65	24	0
60	35	0
55	50	1
50	78	4
45	126	6

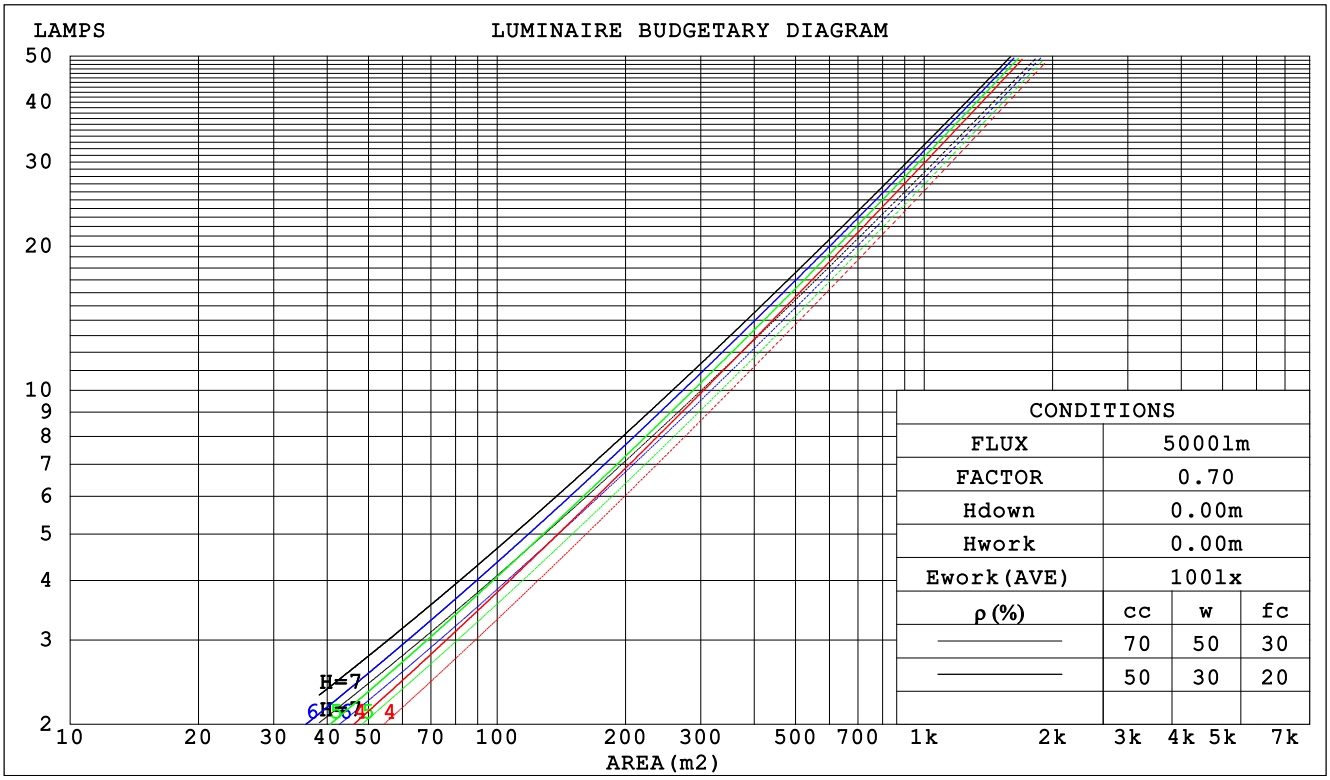
C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2025-11-29

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.421
Humidity:65.0%
Test Distance:8.003m [K=1.0000]
Remarks: HCP-271915 Front Cover 3000K

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:23.997V I:0.2342A P:5.6201W PF:1.0000 Freq:50.00Hz Lamp Flux:187.592x1 lm		
NAME: HCP-271915 3000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ONIKE	SUR.:	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	1.15	1.15	1.15	1.10	1.10	1.10	1.05	1.05	1.05	.00	.00	.00	.97
1.0	1.08	1.05	1.02	1.06	1.03	1.00	1.01	.99	.97	.97	.95	.94	.93	.92	.90	.88
2.0	.00	.95	.91	.98	.93	.90	.94	.90	.87	.90	.88	.85	.87	.85	.83	.81
3.0	.92	.87	.82	.91	.85	.81	.87	.83	.80	.85	.81	.78	.82	.79	.76	.75
4.0	.86	.80	.75	.84	.79	.74	.82	.77	.73	.79	.75	.72	.77	.74	.71	.69
5.0	.80	.74	.69	.79	.73	.69	.77	.72	.68	.75	.70	.67	.73	.69	.66	.64
6.0	.75	.69	.64	.74	.68	.64	.72	.67	.63	.71	.66	.62	.69	.65	.62	.60
7.0	.71	.64	.60	.70	.64	.59	.68	.63	.59	.67	.62	.58	.65	.61	.58	.56
8.0	.67	.60	.56	.66	.60	.56	.64	.59	.55	.63	.58	.55	.62	.58	.55	.53
9.0	.63	.57	.53	.62	.56	.52	.61	.56	.52	.60	.55	.52	.59	.55	.51	.50
10.0	.60	.54	.50	.59	.53	.49	.58	.53	.49	.57	.52	.49	.56	.52	.49	.47



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2025-11-29

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.421
Humidity:65.0%
Test Distance:8.003m [K=1.0000]
Remarks: HCP-271915 Front Cover 3000K

WEC AND CCEC

Test:U:23.997V I:0.2342A P:5.6201W PF:1.0000 Freq:50.00Hz Lamp Flux:187.592x1 lm		
NAME: HCP-271915 3000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ONIKE	SUR.:	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	.210	.120	.038	.196	.112	.036	.183	.105	.034	.171	.099	.032	
2.0	.199	.109	.033	.192	.106	.033	.180	.100	.031	.169	.095	.030	.159	.090	.028	
3.0	.184	.098	.029	.179	.096	.029	.168	.091	.028	.158	.087	.027	.149	.083	.026	
4.0	.172	.089	.026	.167	.087	.026	.158	.084	.025	.149	.080	.024	.141	.077	.023	
5.0	.161	.082	.024	.157	.081	.023	.149	.077	.023	.141	.074	.022	.134	.072	.022	
6.0	.152	.076	.022	.148	.075	.022	.141	.072	.021	.134	.070	.020	.128	.067	.020	
7.0	.144	.071	.020	.140	.070	.020	.134	.068	.019	.128	.065	.019	.122	.063	.019	
8.0	.136	.067	.019	.133	.066	.019	.127	.064	.018	.122	.062	.018	.117	.060	.017	
9.0	.130	.063	.017	.127	.062	.017	.122	.060	.017	.117	.058	.017	.112	.057	.016	
10.0	.124	.059	.016	.121	.058	.016	.116	.057	.016	.112	.056	.016	.108	.054	.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	.210	.210	.210	.179	.179	.179	.122	.122	.122	.070	.070	.070	.022	.022	.022	
1.0	.193	.176	.161	.165	.151	.139	.113	.104	.096	.065	.060	.056	.021	.019	.018	
2.0	.179	.152	.129	.154	.131	.111	.105	.090	.078	.061	.053	.046	.019	.017	.015	
3.0	.168	.133	.106	.144	.115	.092	.099	.080	.065	.057	.047	.038	.018	.015	.012	
4.0	.157	.119	.090	.135	.103	.078	.093	.072	.055	.054	.042	.032	.017	.014	.011	
5.0	.149	.108	.077	.128	.093	.067	.088	.065	.047	.051	.038	.028	.016	.012	.009	
6.0	.141	.098	.068	.121	.085	.059	.084	.060	.042	.049	.035	.025	.016	.011	.008	
7.0	.134	.091	.061	.116	.079	.053	.080	.055	.037	.046	.033	.022	.015	.011	.007	
8.0	.128	.085	.055	.111	.074	.048	.077	.052	.034	.045	.030	.020	.014	.010	.007	
9.0	.123	.080	.050	.106	.069	.044	.073	.049	.031	.043	.029	.019	.014	.009	.006	
10.0	.118	.075	.047	.102	.065	.041	.071	.046	.029	.041	.027	.017	.013	.009	.006	

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2025-11-29

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.421
Humidity:65.0%
Test Distance:8.003m [K=1.0000]
Remarks: HCP-271915 Front Cover 3000K

UGR(Unified Glare Rating) Table

Test:U:23.997V I:0.2342A P:5.6201W PF:1.0000 Freq:50.00Hz Lamp Flux:187.592x1 lm		
NAME: HCP-271915 3000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ONIKE	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	2.0	3.0	2.2	3.2	3.4	-11.7	-10.7	-11.5	-10.5	-10.3
	3H	1.8	2.8	2.1	3.0	3.3	-11.9	-11.0	-11.6	-10.7	-10.5
	4H	1.8	2.7	2.1	2.9	3.2	-12.0	-11.1	-11.7	-10.8	-10.6
	6H	1.7	2.5	2.0	2.8	3.1	-12.0	-11.2	-11.7	-10.9	-10.6
	8H	1.6	2.4	2.0	2.7	3.1	-12.0	-11.2	-11.7	-10.9	-10.6
	12H	1.6	2.4	1.9	2.7	3.0	-11.9	-11.2	-11.6	-10.9	-10.5
4H	2H	1.7	2.6	2.0	2.8	3.1	-11.9	-11.0	-11.6	-10.8	-10.5
	3H	1.5	2.3	1.9	2.6	3.0	-12.1	-11.3	-11.7	-11.0	-10.7
	4H	1.5	2.2	1.9	2.5	2.9	-12.2	-11.5	-11.8	-11.1	-10.8
	6H	1.4	2.0	1.8	2.4	2.8	-12.2	-11.6	-11.8	-11.2	-10.8
	8H	1.3	1.9	1.8	2.3	2.7	-12.1	-11.5	-11.7	-11.1	-10.7
	12H	1.3	1.8	1.7	2.2	2.7	-11.9	-11.4	-11.4	-10.9	-10.5
8H	4H	1.3	1.9	1.7	2.3	2.7	-12.3	-11.7	-11.9	-11.3	-10.9
	6H	1.2	1.7	1.7	2.1	2.6	-12.3	-11.8	-11.8	-11.3	-10.9
	8H	1.2	1.6	1.6	2.1	2.5	-12.1	-11.6	-11.6	-11.2	-10.7
	12H	1.1	1.5	1.6	2.0	2.5	-11.6	-11.3	-11.1	-10.8	-10.3
12H	4H	1.2	1.8	1.7	2.2	2.6	-12.4	-11.8	-11.9	-11.4	-11.0
	6H	1.1	1.6	1.6	2.0	2.5	-12.3	-11.9	-11.8	-11.4	-10.9
	8H	1.1	1.5	1.6	2.0	2.5	-12.1	-11.7	-11.6	-11.2	-10.7

Variations with the observer position at spacings:		
S = 1.0H	+ 5.5 / - 9.3	+ 1.5 / - 1.9
1.5H	+ 7.4 / -13.4	+ 0.9 / - 2.3
2.0H	+ 8.1 / -12.1	+ 2.3 / - 1.8

CIE Pub.117, 187.6 lm Total Lamp Luminous Flux Correct (8log(F/F0) = -5.8)
Area: 0.1 m2

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2025-11-29

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.421
Humidity:65.0%
Test Distance:8.003m [K=1.0000]
Remarks: HCP-271915 Front Cover 3000K

UTILIZATION FACTORS TABLE

Test:U:23.997V I:0.2342A P:5.6201W PF:1.0000 Freq:50.00Hz Lamp Flux:187.592x1 lm		
NAME: HCP-271915 3000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ONIKE	SUR.:	Shielding Angle:

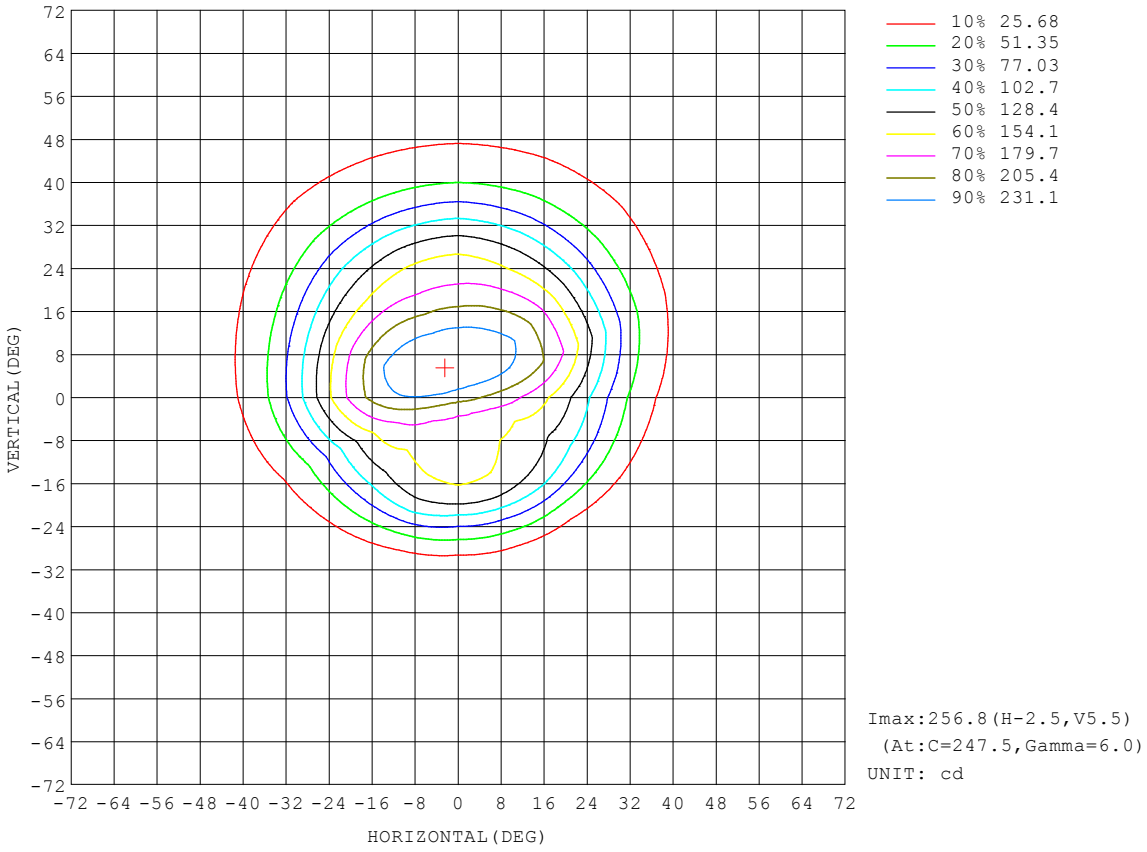
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) k(RI) x RCR = 5									
k = 0.60	80	73	68	80	73	68	79	72	68	64
0.80	88	81	76	87	80	76	86	80	76	71
1.00	93	86	82	92	86	81	90	86	81	76
1.25	97	91	87	96	90	86	94	89	85	80
1.50	101	94	90	99	94	90	97	92	88	83
2.00	104	99	94	102	97	94	99	95	92	86
2.50	106	101	97	104	100	96	101	97	94	87
3.00	108	104	100	106	102	99	102	99	96	89
4.00	111	107	104	108	105	102	104	102	99	91
5.00	112	109	106	110	107	105	105	103	101	93
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004				Suspended					SHRNOM = 1.25	

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2025-11-29

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.421
Humidity:65.0%
Test Distance:8.003m [K=1.0000]
Remarks: HCP-271915 Front Cover 3000K

ISOCANDELA DIAGRAM

Test:U:23.997V I:0.2342A P:5.6201W PF:1.0000 Freq:50.00Hz Lamp Flux:187.592x1 lm		
NAME: HCP-271915 3000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ONIKE	SUR.:	Shielding Angle:

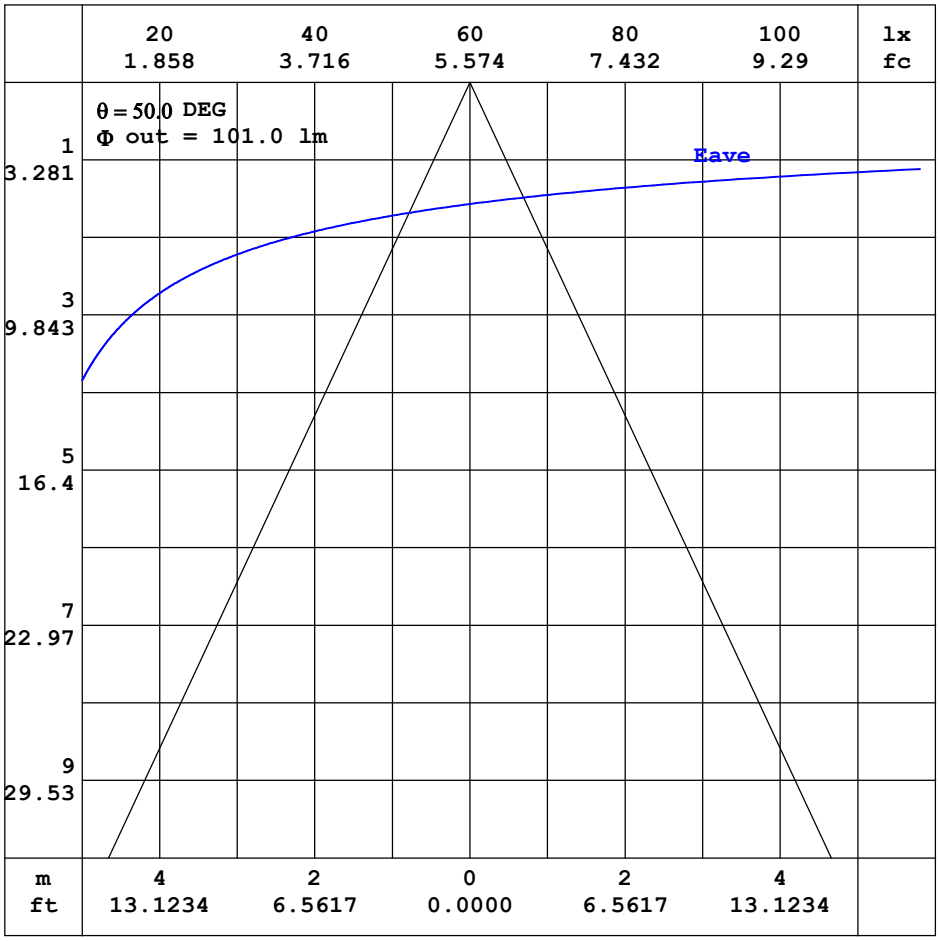


C Range: 0 - 360DEG
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γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.421
Humidity:65.0%
Test Distance:8.003m [K=1.0000]
Remarks: HCP-271915 Front Cover 3000K

AAI CURVES

Test:U:23.997V I:0.2342A P:5.6201W PF:1.0000 Freq:50.00Hz Lamp Flux:187.592x1 lm		
NAME: HCP-271915 3000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ONIKE	SUR.:	Shielding Angle:



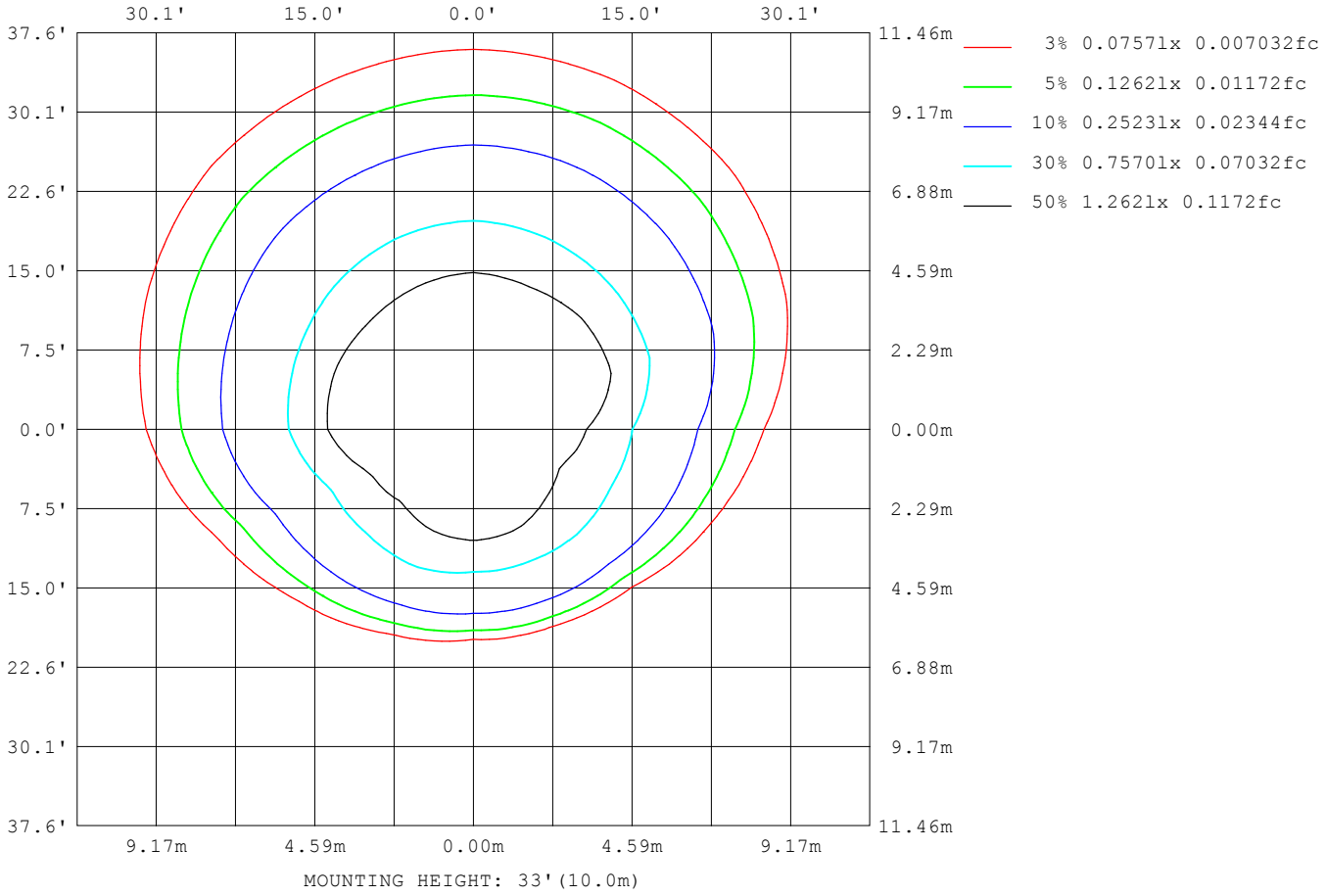
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2025-11-29

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.421
Humidity:65.0%
Test Distance:8.003m [K=1.0000]
Remarks: HCP-271915 Front Cover 3000K

ISOLUX DIAGRAM

Test:U:23.997V I:0.2342A P:5.6201W PF:1.0000 Freq:50.00Hz Lamp Flux:187.592x1 lm		
NAME: HCP-271915 3000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ONIKE	SUR.:	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2025-11-29

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.421
Humidity:65.0%
Test Distance:8.003m [K=1.0000]
Remarks: HCP-271915 Front Cover 3000K

LED Avg.L Report

Test:U:23.997V I:0.2342A P:5.6201W PF:1.0000 Freq:50.00Hz Lamp Flux:187.592x1 lm		
NAME: HCP-271915 3000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ONIKE	SUR.:	Shielding Angle:

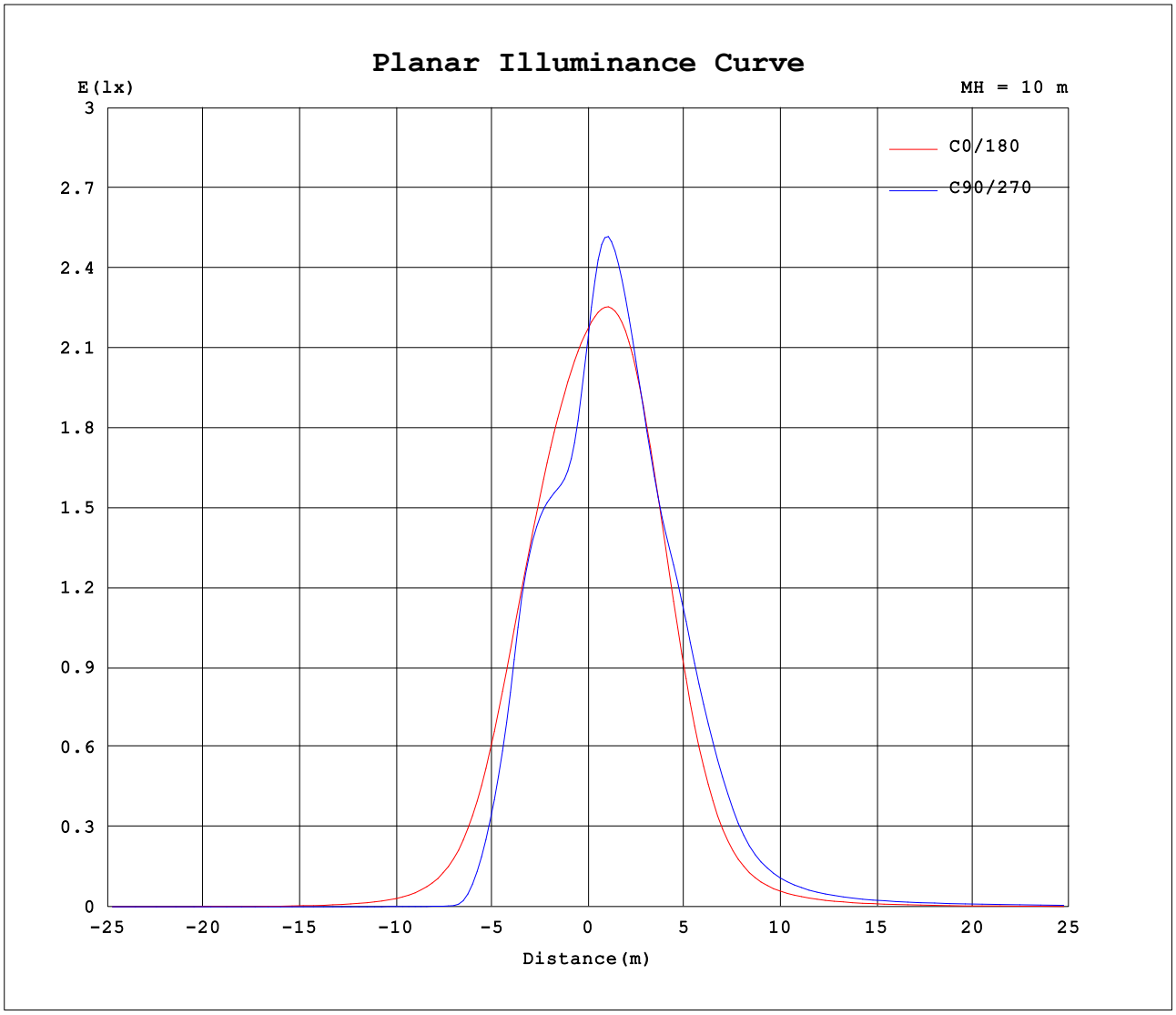
AvgL	cd/m2
L_0~180(65)av	64
L_0~180(75)av	63
L_0~180(85)av	128
L_90~270(65)av	138
L_90~270(75)av	201
L_90~270(85)av	551
L_45(65)av	115
L_45(75)av	157
L_45(85)av	410

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2025-11-29

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.421
Humidity:65.0%
Test Distance:8.003m [K=1.0000]
Remarks: HCP-271915 Front Cover 3000K

Planar Illuminance Curve



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2025-11-29

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.421
Humidity:65.0%
Test Distance:8.003m [K=1.0000]
Remarks: HCP-271915 Front Cover 3000K

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:23.997V I:0.2342A P:5.6201W PF:1.0000 Freq:50.00Hz Lamp Flux:187.592x1 lm		
NAME: HCP-271915 3000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ONIKE	SUR.:	Shielding Angle:

Table--1 UNIT: cd

γ (DEG) \ C(DEG)	0	22.5	45	67.5	90	112.5	135	157.5	180	202.5	225	247.5	270	292.5	315	337.5
0	217	217	215	217	214	215	214	215	217	217	215	217	214	215	214	215
5	204	185	173	170	170	175	185	203	228	245	253	255	254	251	241	223
10	187	160	156	160	163	163	165	188	230	251	251	247	247	248	247	225
15	164	141	146	155	158	155	149	165	217	231	225	217	218	223	231	215
20	135	119	124	126	127	130	124	132	186	194	189	183	185	191	199	189
25	98.7	85.2	76.6	67.9	65.9	77.1	83.1	92.0	141	150	151	159	164	157	159	148
30	61.3	46.2	29.0	22.4	20.6	27.7	40.9	53.4	92.6	104	116	125	129	123	115	102
35	32.9	18.7	5.79	1.13	0.92	4.75	14.8	27.3	53.2	64.0	77.2	84.3	88.8	83.2	74.2	61.3
40	16.8	6.42	0.86	0.45	0.48	0.66	4.59	13.8	28.7	37.2	45.9	48.6	50.9	49.3	43.5	33.7
45	8.93	2.37	0.46	0.37	0.39	0.38	1.67	7.24	16.8	23.1	28.3	29.7	30.9	30.0	26.7	19.5
50	5.01	1.07	0.31	0.26	0.27	0.25	0.77	4.02	10.9	15.9	19.2	20.2	20.9	20.1	17.9	12.5
55	2.90	0.52	0.21	0.04	0.05	0.15	0.38	2.27	7.38	11.8	14.3	15.2	15.6	14.9	13.0	8.75
60	1.73	0.26	0.10	0.01	0.00	0.03	0.20	1.29	5.35	9.45	11.6	12.5	12.8	12.1	10.3	6.36
65	1.02	0.10	0.02	0.01	0.00	0.01	0.12	0.69	4.38	8.34	10.3	11.4	11.6	10.9	8.91	5.18
70	0.52	0.04	0.01	0.02	0.00	0.02	0.07	0.30	3.71	7.44	9.49	10.7	11.0	10.2	8.20	4.57
75	0.22	0.03	0.01	0.03	0.01	0.03	0.04	0.10	3.02	6.59	8.75	10.2	10.4	9.61	7.44	3.91
80	0.10	0.03	0.01	0.05	0.03	0.03	0.03	0.04	2.66	6.10	8.43	9.93	10.1	9.26	6.97	3.56
85	0.05	0.03	0.03	0.06	0.04	0.05	0.03	0.03	2.18	5.56	7.95	9.40	9.57	8.64	6.30	3.07
90	0.02	0.04	0.04	0.07	0.04	0.06	0.03	0.02	2.09	5.42	7.83	9.16	9.37	8.35	5.88	2.75
95	0.01	0.05	0.04	0.08	0.04	0.07	0.05	0.03	1.18	3.60	5.66	6.88	7.24	6.29	4.41	1.88
100	0.02	0.06	0.04	0.10	0.04	0.08	0.05	0.04	0.29	0.97	2.10	3.09	3.68	2.97	1.83	0.69
105	0.03	0.08	0.06	0.12	0.09	0.11	0.05	0.06	0.02	0.00	0.00	0.00	0.00	0.01	0.00	0.02
110	0.04	0.11	0.10	0.16	0.11	0.14	0.09	0.08	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.01
115	0.05	0.16	0.17	0.22	0.17	0.20	0.14	0.12	0.06	0.00	0.00	0.00	0.00	0.00	0.01	0.02
120	0.11	0.23	0.25	0.30	0.26	0.28	0.25	0.18	0.10	0.03	0.02	0.00	0.00	0.00	0.03	0.04
125	0.25	0.32	0.33	0.40	0.38	0.40	0.31	0.27	0.17	0.06	0.07	0.01	0.04	0.03	0.08	0.10
130	0.32	0.45	0.53	0.54	0.54	0.54	0.45	0.39	0.27	0.15	0.13	0.07	0.11	0.10	0.16	0.21
135	0.46	0.60	0.64	0.70	0.66	0.69	0.59	0.53	0.39	0.25	0.23	0.18	0.20	0.17	0.27	0.31
140	0.61	0.75	0.81	0.87	0.86	0.85	0.74	0.68	0.53	0.38	0.35	0.27	0.31	0.31	0.40	0.45
145	0.81	0.90	0.94	1.05	1.01	1.00	0.89	0.83	0.69	0.55	0.50	0.41	0.44	0.44	0.56	0.60
150	0.93	1.05	1.09	1.19	1.14	1.15	1.09	0.99	0.83	0.72	0.67	0.59	0.61	0.60	0.72	0.80
155	1.09	1.18	1.20	1.29	1.27	1.26	1.16	1.13	0.97	0.87	0.84	0.81	0.79	0.80	0.89	0.93
160	1.16	1.29	1.29	1.38	1.36	1.36	1.28	1.26	1.11	1.00	0.99	0.93	0.96	0.93	1.03	1.08
165	1.28	1.38	1.40	1.46	1.42	1.44	1.36	1.36	1.22	1.14	1.13	1.09	1.09	1.09	1.16	1.18
170	1.37	1.45	1.43	1.49	1.45	1.49	1.43	1.45	1.34	1.26	1.26	1.21	1.24	1.21	1.29	1.28
175	1.43	1.49	1.45	1.48	1.49	1.50	1.49	1.50	1.46	1.36	1.39	1.36	1.39	1.36	1.41	1.41
180	1.50	1.50	1.46	1.46	1.49	1.49	1.50	1.50	1.50	1.45	1.45	1.43	1.46	1.47	1.49	1.46

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