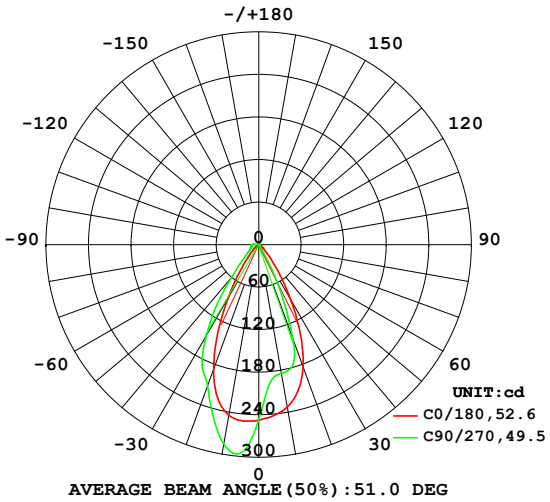
LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:23.997V I:0.2217A P:5.3201W PF:1.0000 Freq:50.00Hz Lamp Flux:215.265x1 lm		
NAME: HCP-271915 4000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ONIKE	SUR.:	Shielding Angle:

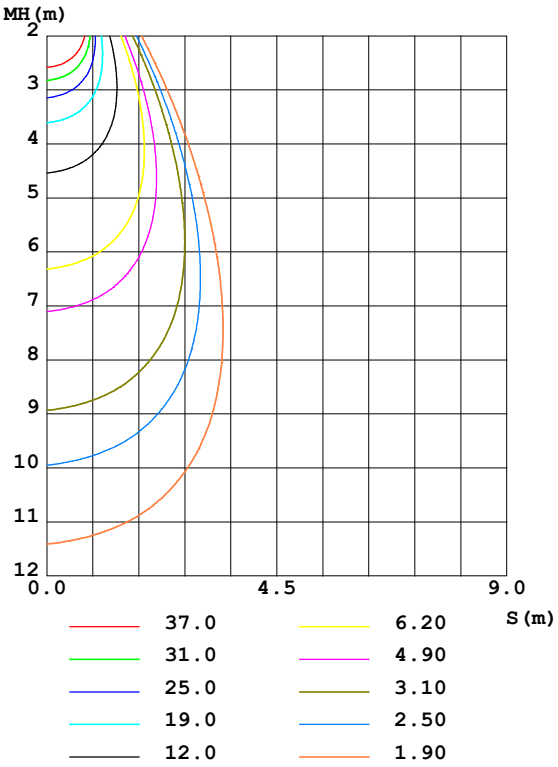
DATA OF LAMP		PHOTOMETRIC DATA		Eff: 40.46 lm/W	
MODEL	HCP-271915 4000K	Imax(cd)	296.9	S/MH(C0/180)	0.79
NOMINAL POWER(W)	6	LOR(%)	100.0	S/MH(C90/270)	0.97
RATED VOLTAGE(V)	24	TOTAL FLUX(lm)	215.27	η UP,DN(C0-180)	0.7,29.7
NOMINAL FLUX(lm)	215.265	CIE CLASS	DIRECT	η UP,DN(C180-360)	1.8,67.8
LAMPS INSIDE	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%):51.0 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 4000K

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum,lamp
10	232.6	179.9	184.5	188.1	244.2	289.8	285.6	289.3	0- 10	23.15	23.15	10.8,10.8
20	183.0	141.8	141.0	144.6	186.9	218.0	212.1	227.4	10- 20	59.87	83.02	38.6,38.6
30	92.02	40.67	21.95	37.91	86.04	126.0	148.5	136.9	20- 30	60.78	143.8	66.8,66.8
40	27.47	2.351	0.5563	2.459	25.05	49.77	58.93	55.09	30- 40	32.15	176.0	81.7,81.7
50	8.468	0.4306	0.3131	0.4392	8.251	21.00	24.17	22.29	40- 50	13.24	189.2	87.9,87.9
60	3.070	0.1566	0.0087	0.1609	3.085	12.56	14.68	12.78	50- 60	7.031	196.2	91.2,91.2
70	1.135	0.0304	0.0216	0.0304	1.240	10.03	12.49	10.25	60- 70	5.143	201.4	93.5,93.5
80	0.2175	0.0261	0.0391	0.0261	0.3772	8.581	11.37	8.854	70- 80	4.478	205.8	95.6,95.6
90	0.0305	0.0434	0.0391	0.0434	0.1042	7.927	10.52	7.572	80- 90	4.021	209.9	97.5,97.5
100	0.0087	0.0434	0.0694	0.0434	0.0261	1.876	4.163	2.650	90-100	2.781	212.7	98.8,98.8
110	0.0347	0.1042	0.1563	0.1128	0.0523	0	0	0.0000	100-110	0.2824	212.9	98.9,98.9
120	0.1042	0.2562	0.3127	0.2862	0.1521	0.0349	0.0087	0.0261	110-120	0.1026	213.0	99,99
130	0.3255	0.5255	0.5903	0.5599	0.3564	0.1783	0.1219	0.1566	120-130	0.2151	213.3	99.1,99.1
140	0.6469	0.8727	1.007	0.9201	0.6649	0.4391	0.3522	0.4217	130-140	0.3878	213.6	99.2,99.2
150	1.003	1.212	1.355	1.255	1.004	0.8039	0.6911	0.7910	140-150	0.5249	214.2	99.5,99.5
160	1.290	1.485	1.559	1.498	1.303	1.156	1.095	1.160	150-160	0.5409	214.7	99.7,99.7
170	1.524	1.642	1.694	1.667	1.564	1.460	1.425	1.464	160-170	0.4057	215.1	99.9,99.9
180	1.716	1.694	1.698	1.716	1.716	1.694	1.698	1.716	170-180	0.1541	215.3	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

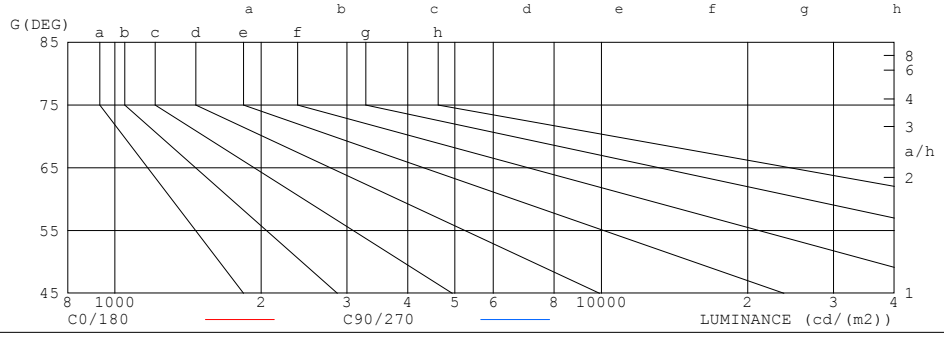
γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.421
Humidity:65.0%
Test Distance:8.003m [K=1.0000]
Remarks: HCP-271915 Front Cover 4000K

LUMINANCE LIMITATION CURVES

Test:U:23.997V I:0.2217A P:5.3201W PF:1.0000 Freq:50.00Hz Lamp Flux:215.265x1 lm		
NAME: HCP-271915 4000K	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	12	4
80	13	2
75	19	1
70	33	1
65	45	0
60	61	0
55	89	1
50	132	5
45	208	6

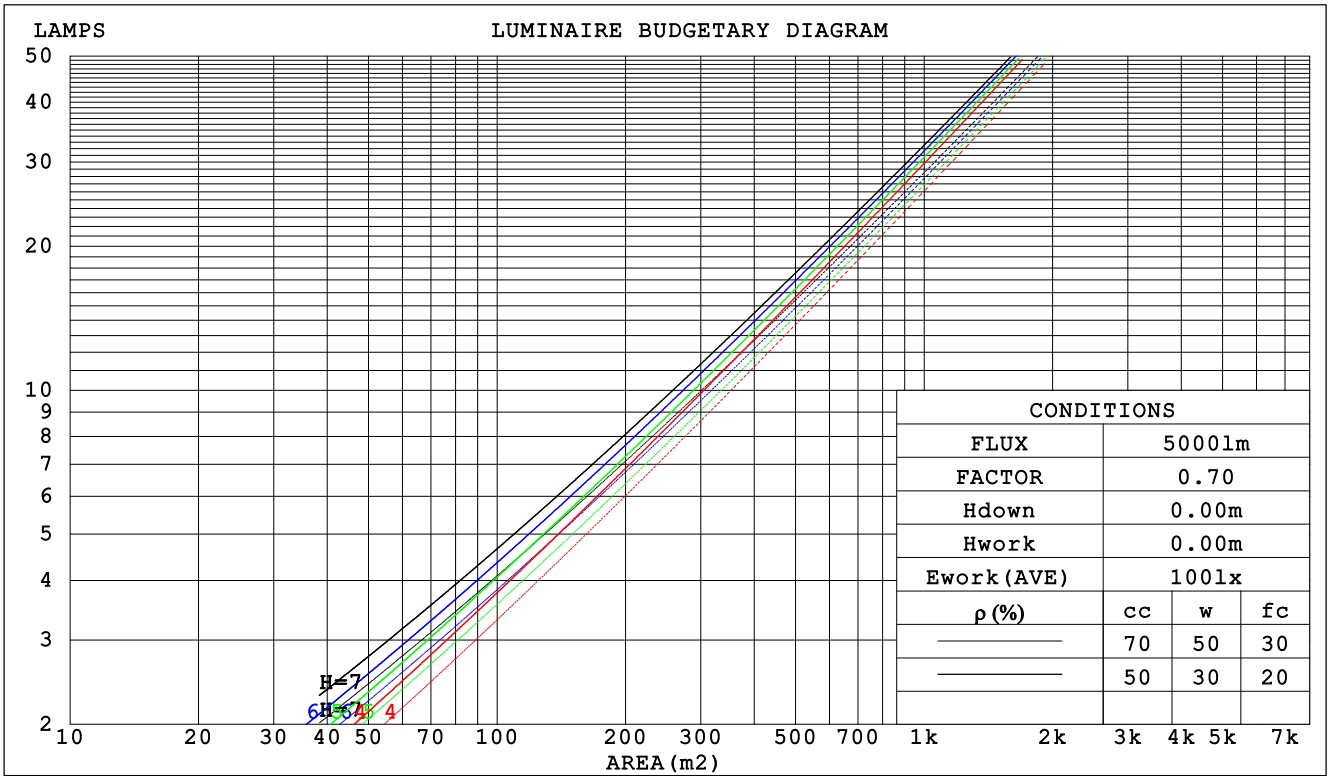
C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2025-11-29

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 4000K

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:23.997V I:0.2217A P:5.3201W PF:1.0000 Freq:50.00Hz Lamp Flux:215.265x1 lm		
NAME: HCP-271915 4000K	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	1.01	1.01	.99	.97	.97	.95	.94	.93	.92	.90	.88
2.0	.00	.95	.91	.98	.93	.90	.94	.90	.87	.91	.88	.85	.87	.85	.83	.81
3.0	.92	.87	.82	.91	.85	.81	.88	.83	.80	.85	.81	.78	.82	.79	.77	.75
4.0	.86	.80	.75	.84	.79	.75	.82	.77	.73	.80	.76	.72	.77	.74	.71	.69
5.0	.80	.74	.69	.79	.73	.69	.77	.72	.68	.75	.71	.67	.73	.69	.66	.65
6.0	.75	.69	.64	.74	.68	.64	.72	.67	.63	.71	.66	.63	.69	.65	.62	.60
7.0	.71	.64	.60	.70	.64	.60	.68	.63	.59	.67	.62	.59	.66	.61	.58	.57
8.0	.67	.60	.56	.66	.60	.56	.65	.59	.55	.63	.59	.55	.62	.58	.55	.53
9.0	.63	.57	.53	.62	.57	.53	.61	.56	.52	.60	.55	.52	.59	.55	.52	.50
10.0	.60	.54	.50	.59	.53	.50	.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 4000K

WEC AND CCEC

Test:U:23.997V I:0.2217A P:5.3201W PF:1.0000 Freq:50.00Hz Lamp Flux:215.265x1 lm		
NAME: HCP-271915 4000K	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	.216	.123	.039	.209	.119	.038	.195	.112	.036	.182	.105	.034	.170	.098	.032	
2.0	.198	.109	.033	.192	.106	.033	.179	.100	.031	.168	.094	.030	.158	.089	.028	
3.0	.184	.098	.029	.178	.095	.029	.167	.091	.028	.158	.086	.026	.149	.082	.025	
4.0	.171	.089	.026	.166	.087	.026	.157	.083	.025	.149	.080	.024	.141	.076	.023	
5.0	.161	.082	.024	.156	.080	.023	.148	.077	.023	.141	.074	.022	.134	.071	.021	
6.0	.151	.076	.022	.148	.075	.021	.141	.072	.021	.134	.070	.020	.128	.067	.020	
7.0	.143	.071	.020	.140	.070	.020	.134	.067	.019	.127	.065	.019	.122	.063	.019	
8.0	.136	.066	.019	.133	.065	.018	.127	.064	.018	.122	.062	.018	.117	.060	.017	
9.0	.129	.063	.017	.127	.062	.017	.121	.060	.017	.117	.058	.017	.112	.057	.016	
10.0	.123	.059	.016	.121	.058	.016	.116	.057	.016	.112	.055	.016	.107	.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	.153	.131	.111	.105	.090	.078	.061	.053	.046	.019	.017	.015	
3.0	.167	.133	.106	.143	.115	.092	.098	.080	.064	.057	.047	.038	.018	.015	.012	
4.0	.157	.119	.089	.135	.103	.078	.093	.072	.055	.054	.042	.032	.017	.014	.011	
5.0	.149	.107	.077	.128	.093	.067	.088	.065	.047	.051	.038	.028	.016	.012	.009	
6.0	.141	.098	.068	.121	.085	.059	.084	.060	.042	.048	.035	.025	.016	.011	.008	
7.0	.134	.091	.061	.115	.079	.053	.080	.055	.037	.046	.033	.022	.015	.011	.007	
8.0	.128	.085	.055	.110	.073	.048	.076	.052	.034	.044	.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 4000K

UGR(Unified Glare Rating) Table

Test:U:23.997V I:0.2217A P:5.3201W PF:1.0000 Freq:50.00Hz Lamp Flux:215.265x1 lm		
NAME: HCP-271915 4000K	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	4.2	5.2	4.5	5.4	5.6	-10.4	-9.4	-10.2	-9.2	-9.0
	3H	4.1	5.1	4.4	5.3	5.6	-10.6	-9.7	-10.3	-9.4	-9.2
	4H	4.1	4.9	4.4	5.2	5.5	-10.7	-9.8	-10.4	-9.5	-9.3
	6H	4.0	4.8	4.3	5.1	5.4	-10.8	-9.9	-10.4	-9.6	-9.3
	8H	3.9	4.7	4.3	5.0	5.4	-10.8	-10.0	-10.4	-9.7	-9.3
	12H	3.9	4.7	4.3	5.0	5.3	-10.7	-10.0	-10.4	-9.6	-9.3
4H	2H	3.9	4.8	4.2	5.1	5.3	-10.5	-9.6	-10.2	-9.3	-9.0
	3H	3.8	4.6	4.2	4.9	5.2	-10.7	-9.9	-10.3	-9.6	-9.2
	4H	3.8	4.5	4.2	4.8	5.2	-10.7	-10.0	-10.3	-9.7	-9.3
	6H	3.7	4.3	4.1	4.7	5.1	-10.8	-10.1	-10.3	-9.8	-9.4
	8H	3.6	4.2	4.1	4.6	5.0	-10.7	-10.1	-10.3	-9.7	-9.3
	12H	3.6	4.1	4.0	4.5	5.0	-10.6	-10.1	-10.2	-9.7	-9.2
8H	4H	3.6	4.2	4.0	4.6	5.0	-10.9	-10.3	-10.4	-9.9	-9.5
	6H	3.5	4.0	4.0	4.4	4.9	-10.8	-10.4	-10.4	-9.9	-9.4
	8H	3.5	3.9	4.0	4.4	4.9	-10.7	-10.3	-10.2	-9.8	-9.3
	12H	3.4	3.8	3.9	4.3	4.8	-10.5	-10.1	-10.0	-9.6	-9.1
12H	4H	3.5	4.1	4.0	4.5	4.9	-10.9	-10.4	-10.5	-10.0	-9.5
	6H	3.5	3.9	3.9	4.4	4.8	-10.9	-10.4	-10.4	-10.0	-9.5
	8H	3.4	3.8	3.9	4.3	4.8	-10.7	-10.4	-10.2	-9.9	-9.4

Variations with the observer position at spacings:		
S = 1.0H	+ 5.2 / - 7.5	+ 2.0 / - 2.7
1.5H	+ 7.1 / -11.3	+ 2.4 / - 2.0
2.0H	+ 7.5 / -10.9	+ 2.0 / - 1.9

CIE Pub.117, 215.3 lm Total Lamp Luminous Flux Correct (8log(F/F0) = -5.3)
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 4000K

UTILIZATION FACTORS TABLE

Test:U:23.997V I:0.2217A P:5.3201W PF:1.0000 Freq:50.00Hz Lamp Flux:215.265x1 lm		
NAME: HCP-271915 4000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ONIKE	SUR.:	Shielding Angle:

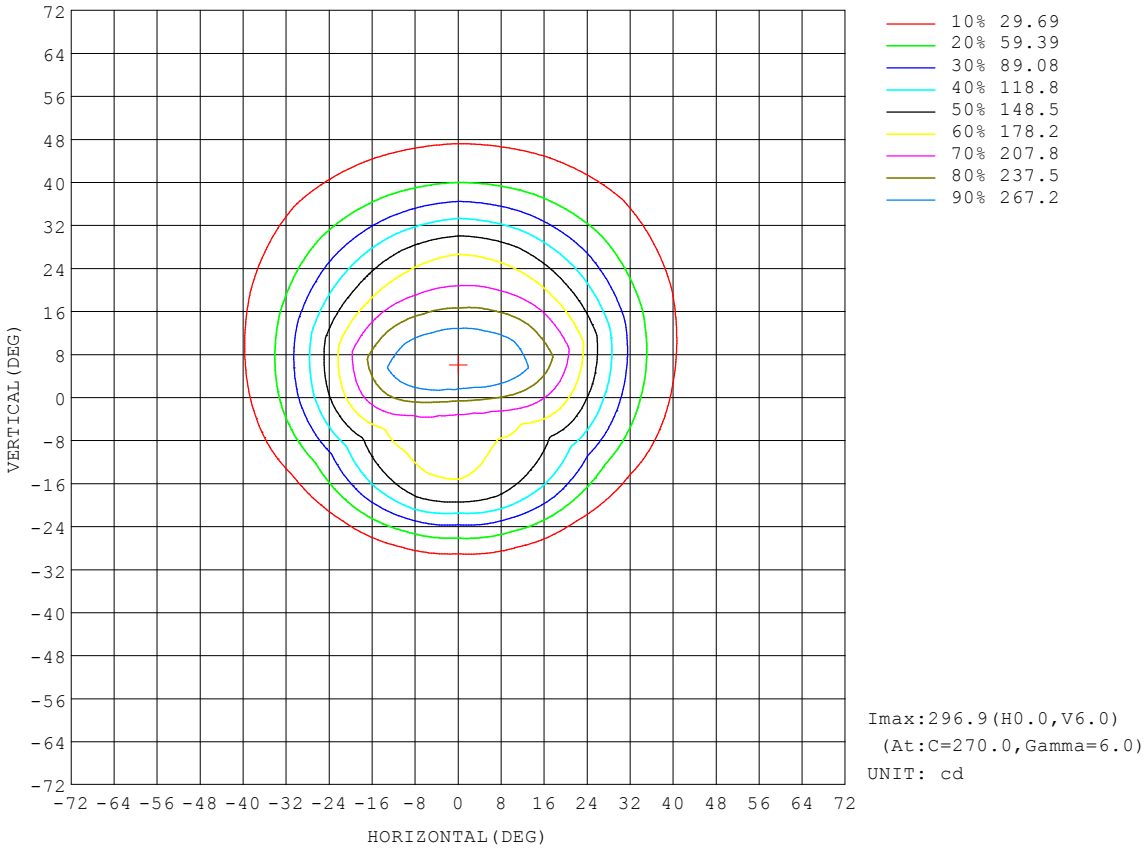
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) k(RI) x RCR = 5									
k = 0.60	80	73	68	80	73	68	79	72	68	64
0.80	88	81	76	87	81	76	86	80	76	71
1.00	93	86	82	92	86	81	90	86	81	76
1.25	98	91	87	96	90	86	94	89	85	80
1.50	101	95	90	99	94	90	97	92	89	83
2.00	104	99	95	103	98	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 4000K

ISOCANDELA DIAGRAM

Test:U:23.997V I:0.2217A P:5.3201W PF:1.0000 Freq:50.00Hz Lamp Flux:215.265x1 lm		
NAME: HCP-271915 4000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ONIKE	SUR.:	Shielding Angle:

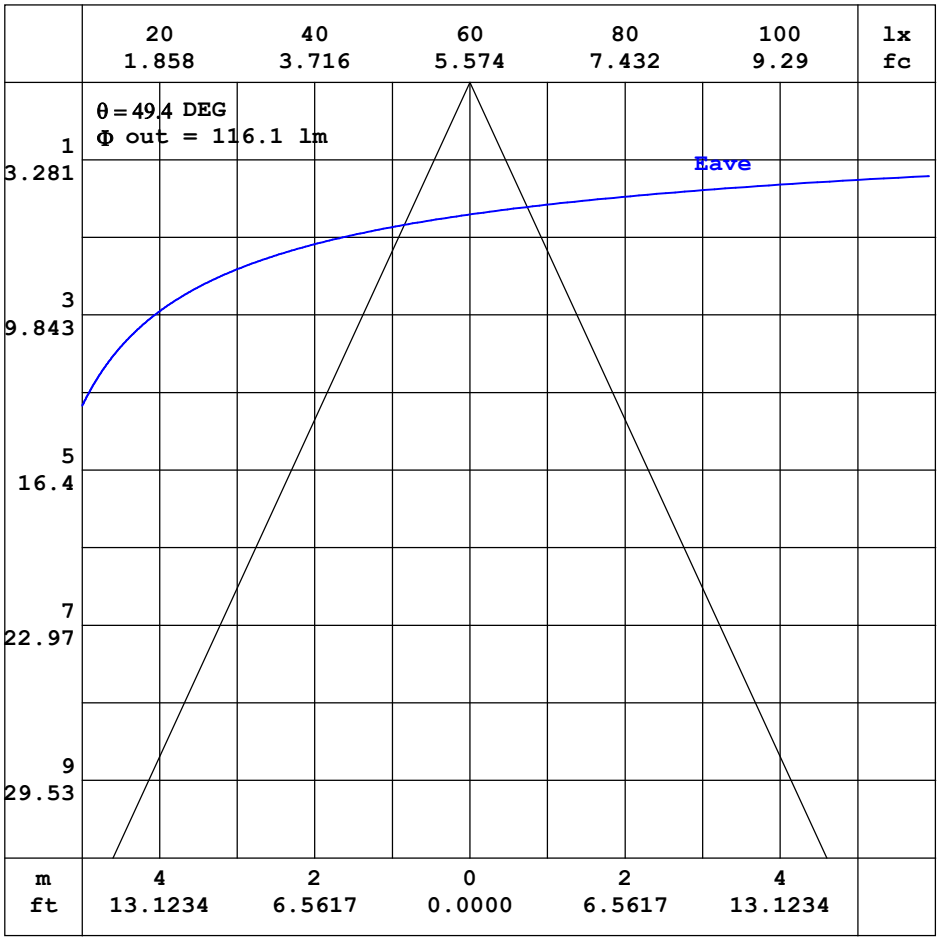


C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
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Test Date:2025-11-29

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 4000K

AAI CURVES

Test:U:23.997V I:0.2217A P:5.3201W PF:1.0000 Freq:50.00Hz Lamp Flux:215.265x1 lm		
NAME: HCP-271915 4000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ONIKE	SUR.:	Shielding Angle:



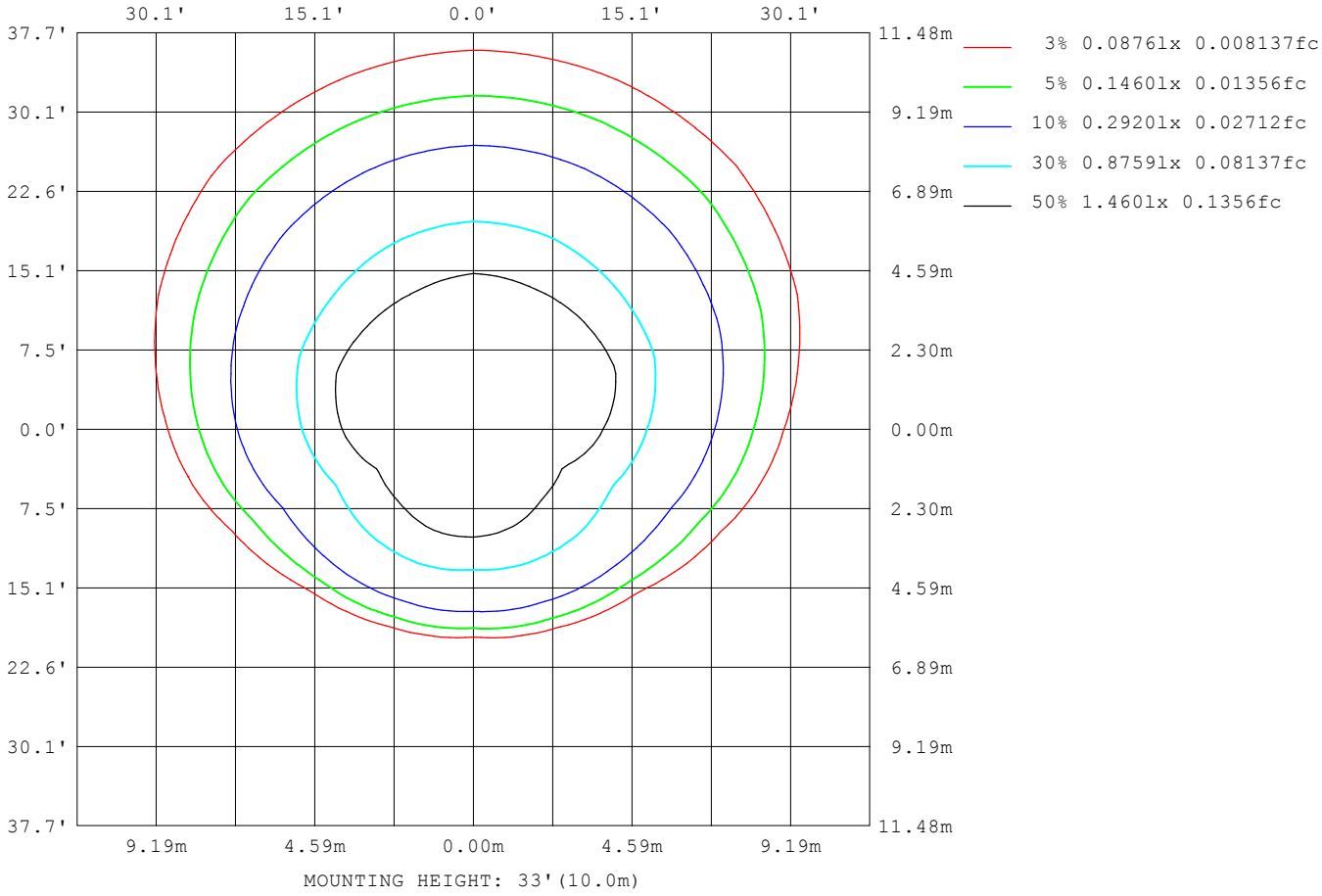
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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 4000K

ISOLUX DIAGRAM

Test:U:23.997V I:0.2217A P:5.3201W PF:1.0000 Freq:50.00Hz Lamp Flux:215.265x1 lm		
NAME: HCP-271915 4000K	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 4000K

LED Avg.L Report

Test:U:23.997V I:0.2217A P:5.3201W PF:1.0000 Freq:50.00Hz Lamp Flux:215.265x1 lm		
NAME: HCP-271915 4000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ONIKE	SUR.:	Shielding Angle:

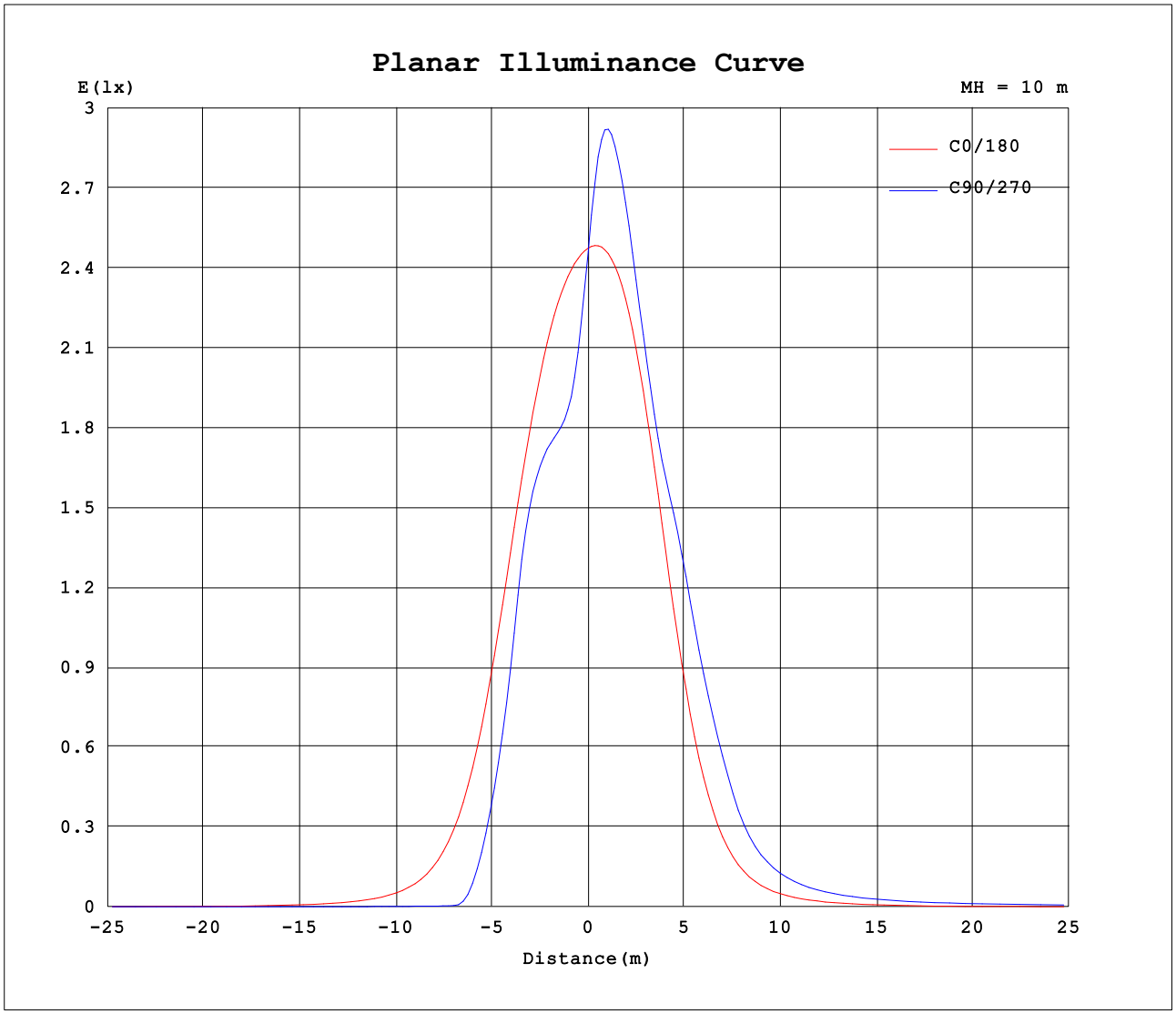
AvgL	cd/m2
L_0~180(65)av	46
L_0~180(75)av	22
L_0~180(85)av	20
L_90~270(65)av	157
L_90~270(75)av	228
L_90~270(85)av	620
L_45(65)av	132
L_45(75)av	179
L_45(85)av	464

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 4000K

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 4000K

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:23.997V I:0.2217A P:5.3201W PF:1.0000 Freq:50.00Hz Lamp Flux:215.265x1 lm		
NAME: HCP-271915 4000K	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	247	248	247	248	246	247	247	247	247	248	247	248	246	247	247	247			
5	242	218	202	195	194	198	207	224	250	274	288	295	295	293	285	268			
10	233	191	180	181	184	185	188	202	244	282	290	286	286	287	289	276			
15	214	167	167	174	179	179	175	177	224	263	260	251	250	255	265	264			
20	183	139	142	146	141	148	145	142	187	222	218	212	212	217	227	231			
25	140	101	94.6	80.5	73.0	80.2	91.8	95.9	137	169	171	179	189	185	183	182			
30	92.0	58.4	40.7	27.9	22.0	26.7	37.9	52.1	86.0	115	126	140	148	147	137	128			
35	52.6	27.7	10.9	2.40	0.84	2.53	10.2	24.4	47.9	68.6	83.3	94.1	103	99.8	92.2	79.0			
40	27.5	12.4	2.35	0.58	0.56	0.58	2.46	11.4	25.0	38.8	49.8	55.5	58.9	58.9	55.1	44.6			
45	14.7	5.74	0.76	0.42	0.46	0.39	0.81	5.53	13.9	23.7	31.0	33.8	35.7	35.5	33.6	26.4			
50	8.47	2.74	0.43	0.30	0.31	0.29	0.44	2.80	8.25	16.1	21.0	23.0	24.2	23.8	22.3	17.3			
55	5.11	1.35	0.27	0.15	0.04	0.15	0.26	1.41	5.06	11.8	15.5	17.2	18.0	17.6	16.2	12.5			
60	3.07	0.69	0.16	0.02	0.01	0.01	0.16	0.69	3.08	9.32	12.6	14.2	14.7	14.3	12.8	9.50			
65	1.89	0.32	0.08	0.03	0.01	0.02	0.07	0.31	1.97	8.18	11.1	12.8	13.3	12.9	11.1	8.05			
70	1.13	0.14	0.03	0.03	0.02	0.03	0.03	0.15	1.24	7.25	10.0	12.0	12.5	12.2	10.3	7.27			
75	0.50	0.04	0.03	0.03	0.02	0.04	0.03	0.05	0.62	6.34	9.05	11.3	11.8	11.5	9.38	6.36			
80	0.22	0.04	0.03	0.05	0.04	0.05	0.03	0.04	0.38	5.83	8.58	10.9	11.4	11.2	8.85	5.83			
85	0.10	0.03	0.03	0.06	0.04	0.06	0.03	0.03	0.25	5.14	8.01	10.3	10.8	10.5	8.11	5.13			
90	0.03	0.03	0.04	0.08	0.04	0.07	0.04	0.03	0.10	5.00	7.93	10.1	10.5	10.2	7.57	4.69			
95	0.01	0.04	0.04	0.09	0.04	0.09	0.04	0.04	0.04	3.14	5.63	7.51	8.16	7.88	5.83	3.42			
100	0.01	0.06	0.04	0.10	0.07	0.11	0.04	0.06	0.03	0.79	1.88	3.25	4.16	4.00	2.65	1.37			
105	0.01	0.07	0.07	0.13	0.10	0.13	0.09	0.08	0.04	0.01	0.00	0.01	0.00	0.01	0.00	0.02			
110	0.03	0.10	0.10	0.17	0.16	0.18	0.11	0.11	0.05	0.01	0.00	0.00	0.00	0.00	0.00	0.01			
115	0.04	0.16	0.17	0.26	0.25	0.25	0.17	0.17	0.09	0.02	0.01	0.00	0.00	0.00	0.01	0.01			
120	0.10	0.23	0.26	0.34	0.31	0.35	0.29	0.25	0.15	0.04	0.03	0.00	0.01	0.00	0.03	0.04			
125	0.25	0.34	0.37	0.46	0.44	0.47	0.40	0.37	0.25	0.10	0.09	0.03	0.05	0.03	0.07	0.10			
130	0.33	0.48	0.53	0.61	0.59	0.63	0.56	0.50	0.36	0.25	0.18	0.09	0.12	0.10	0.16	0.18			
135	0.53	0.63	0.71	0.81	0.81	0.82	0.72	0.66	0.50	0.35	0.29	0.25	0.23	0.26	0.28	0.31			
140	0.65	0.81	0.87	0.99	1.01	1.01	0.92	0.83	0.66	0.53	0.44	0.33	0.35	0.32	0.42	0.53			
145	0.83	0.99	1.09	1.19	1.18	1.20	1.09	1.02	0.83	0.69	0.61	0.53	0.50	0.53	0.60	0.65			
150	1.00	1.16	1.21	1.35	1.35	1.35	1.25	1.19	1.00	0.87	0.80	0.69	0.69	0.67	0.79	0.86			
155	1.16	1.31	1.35	1.46	1.45	1.48	1.40	1.36	1.16	1.09	0.99	0.89	0.91	0.88	0.98	1.09			
160	1.29	1.43	1.48	1.56	1.56	1.58	1.50	1.49	1.30	1.17	1.16	1.09	1.09	1.09	1.16	1.21			
165	1.43	1.54	1.56	1.65	1.64	1.66	1.64	1.59	1.44	1.35	1.31	1.22	1.26	1.22	1.32	1.35			
170	1.52	1.62	1.64	1.71	1.69	1.71	1.67	1.68	1.56	1.45	1.46	1.41	1.42	1.41	1.46	1.49			
175	1.64	1.69	1.68	1.70	1.71	1.72	1.71	1.72	1.66	1.57	1.59	1.55	1.59	1.56	1.60	1.63			
180	1.72	1.71	1.69	1.68	1.70	1.72	1.72	1.72	1.72	1.69	1.69	1.64	1.70	1.71	1.72	1.71			

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