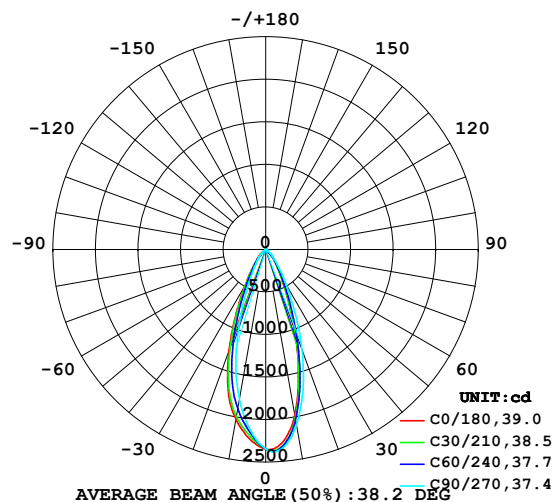


LUMINAIRE PHOTOMETRIC TEST REPORT

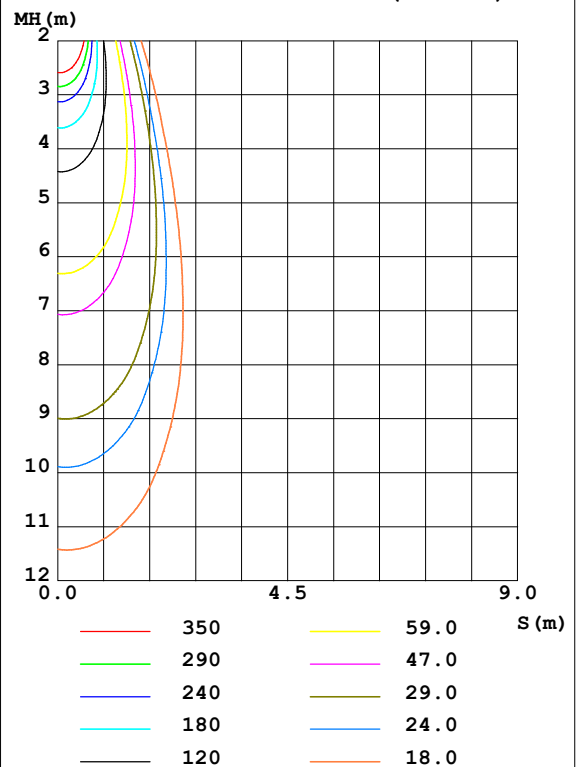
Test:U:110.11V I:0.1381A P:15.090W PF:0.9924 Freq:49.99Hz Lamp Flux:1168.62x1 lm		
NAME:	TYPE:COB	WEIGHT:
SPEC.: V10F90_3000K	DIM.: 9mm	SERIAL No.:
MFR.: Hangzhou XRZLux Co.,Ltd	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 77.44 lm/W			
MODEL	GK75-S65QS	I _{max} (cd)	2381	S/MH (C0/180)	0.67
NOMINAL POWER (W)	15	LOR (%)	100.0	S/MH (C90/270)	0.56
RATED VOLTAGE (V)	110	TOTAL FLUX (lm)	1168.6	η UP, DN (C0-180)	0.8, 50.9
NOMINAL FLUX (lm)	1168.62	CIE CLASS	DIRECT	η UP, DN (C180-360)	0.7, 47.7
LAMPS INSIDE	1	η up (%)	1.5	CIBSE SHR NOM	0.50
TEST VOLTAGE (V)	110	η down (%)	98.5	CIBSE SHR MAX	0.60

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: MEDIUM
Temperature: 25.3DEG
Operators:
Test Date: 2025-12-01

γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.421
Humidity: 65.0%
Test Distance: 4.234m [K=1.0000]
Remarks: BXRE-30G10F4-A-83

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

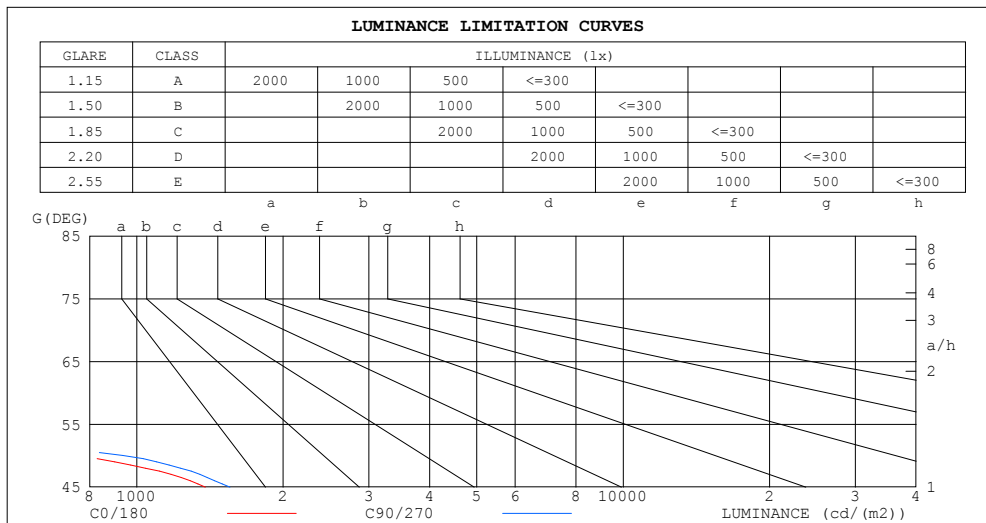
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	1978	2021	2092	1905	2026	1947	1787	1789	0- 10	203.4	203.4	17.4,17.4
20	982.0	1026	1252	1087	1267	1162	894.5	834.2	10- 20	413.3	616.7	52.8,52.8
30	345.3	364.4	492.3	413.7	483.2	437.4	320.6	291.7	20- 30	303.0	919.7	78.7,78.7
40	145.4	144.3	175.5	151.9	171.8	152.8	133.7	93.18	30- 40	151.3	1071	91.7,91.7
50	48.65	22.50	60.80	29.04	61.26	20.53	34.39	13.54	40- 50	58.82	1130	96.7,96.7
60	9.349	7.813	10.08	8.608	10.61	6.849	7.334	5.722	50- 60	13.41	1143	97.8,97.8
70	4.115	3.978	4.064	4.080	4.249	3.521	3.166	3.018	60- 70	5.490	1149	98.3,98.3
80	0.9883	1.078	0.8545	1.149	0.7952	0.7946	0.5121	0.6266	70- 80	2.362	1151	98.5,98.5
90	0.1082	0.1019	0.1147	0.1016	0.0942	0.0866	0.1041	0.0811	80- 90	0.3027	1151	98.5,98.5
100	0.2913	0.2630	0.2342	0.1872	0.2065	0.1996	0.2376	0.2106	90-100	0.1578	1152	98.5,98.5
110	0.8569	0.7915	0.6434	0.5428	0.5300	0.5640	0.6693	0.6040	100-110	0.4185	1152	98.6,98.6
120	2.194	2.056	1.742	1.471	1.411	1.531	1.754	1.601	110-120	1.086	1153	98.7,98.7
130	4.262	4.056	3.682	3.195	3.163	3.373	3.630	3.358	120-130	2.292	1155	98.9,98.9
140	6.421	6.242	5.910	5.200	5.324	5.503	5.753	5.347	130-140	3.561	1159	99.2,99.2
150	7.570	7.537	7.473	6.545	6.921	6.939	7.083	6.502	140-150	4.028	1163	99.5,99.5
160	7.082	7.300	7.579	6.558	6.964	6.911	6.912	6.238	150-160	3.268	1166	99.8,99.8
170	6.143	6.354	6.488	5.641	6.204	6.002	5.901	5.208	160-170	1.837	1168	100,100
180	5.895	5.958	5.880	5.183	5.937	5.955	5.862	5.179	170-180	0.5482	1169	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:
Test Date:2025-12-01

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.421
Humidity:65.0%
Test Distance:4.234m [K=1.0000]
Remarks: BXRE-30G10F4-A-83

LUMINANCE LIMITATION CURVES

Test:U:110.11V I:0.1381A P:15.090W PF:0.9924 Freq:49.99Hz Lamp Flux:1168.62x1 lm		
NAME:	TYPE:COB	WEIGHT:
SPEC.:BXRH-30V10F4-A-83	DIM.: 9mm	SERIAL No.:
MFR.: Hangzhou XRZLux Co.,Ltd	SUR.:	Shielding Angle:



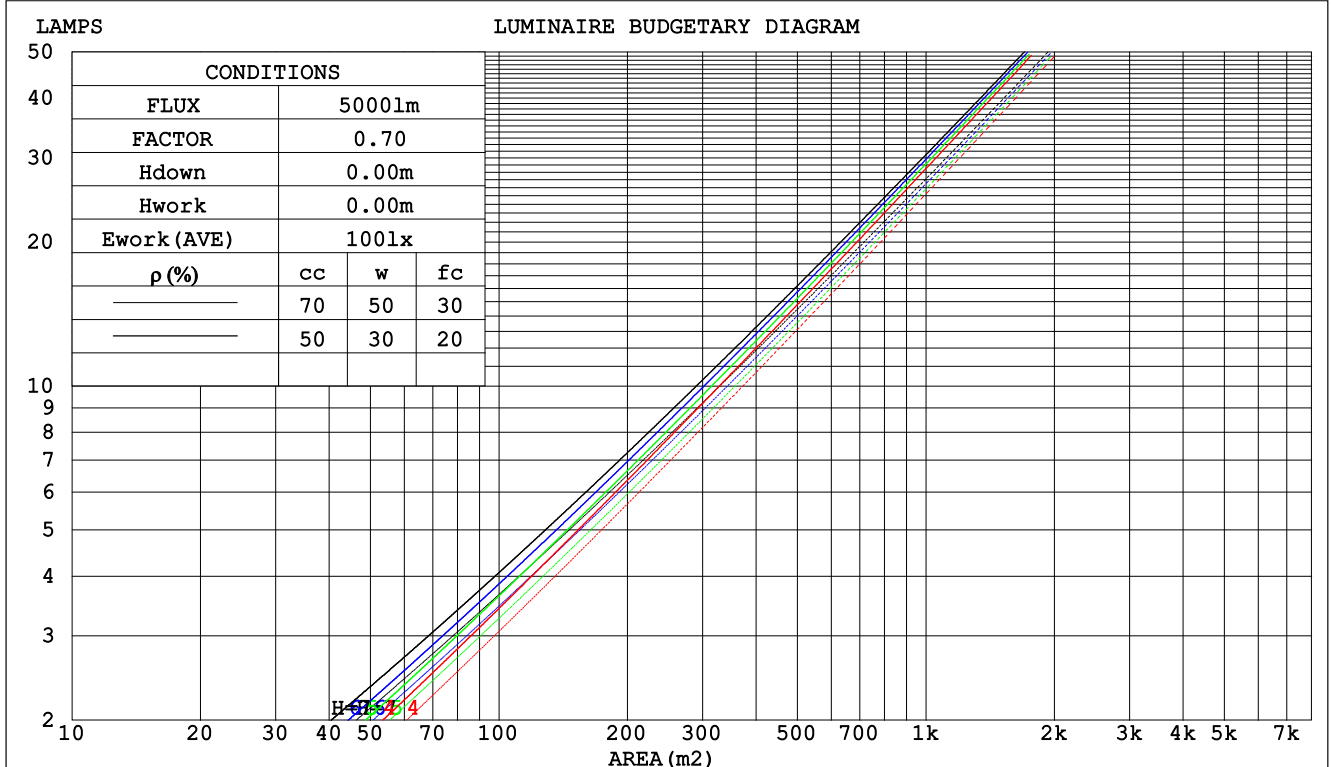
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:
Test Date:2025-12-01

γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.421
Humidity:65.0%
Test Distance:4.234m [K=1.0000]
Remarks: BXRE-30G10F4-A-83

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:110.11V I:0.1381A P:15.090W PF:0.9924 Freq:49.99Hz Lamp Flux:1168.62x1 lm		
NAME:	TYPE:COB	WEIGHT:
SPEC.:BXRH-30V10F4-A-83	DIM.: 9mm	SERIAL No.:
MFR.: Hangzhou XRZLux Co.,Ltd	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	1.19	1.19	1.19	1.16	1.16	1.16	1.10	1.10	1.10	1.05	1.05	1.05	1.01	1.01	1.01	.99
1.0	1.11	1.09	1.07	1.09	1.07	1.05	1.04	1.03	1.01	1.00	.99	.98	.97	.96	.95	.93
2.0	1.04	1.00	.97	1.02	.99	.96	.99	.96	.94	.96	.93	.91	.93	.91	.89	.88
3.0	.98	.93	.89	.96	.92	.89	.93	.90	.87	.91	.88	.86	.88	.86	.84	.83
4.0	.92	.87	.83	.91	.86	.83	.89	.85	.81	.86	.83	.80	.84	.82	.79	.78
5.0	.87	.82	.78	.86	.81	.77	.84	.80	.77	.82	.79	.76	.81	.78	.75	.74
6.0	.82	.77	.73	.82	.77	.73	.80	.76	.72	.79	.75	.72	.77	.74	.71	.70
7.0	.78	.73	.69	.78	.73	.69	.76	.72	.68	.75	.71	.68	.74	.70	.68	.66
8.0	.75	.69	.65	.74	.69	.65	.73	.68	.65	.72	.68	.65	.71	.67	.64	.63
9.0	.71	.66	.62	.71	.66	.62	.70	.65	.62	.69	.65	.62	.68	.64	.61	.60
10.0	.68	.63	.59	.68	.63	.59	.67	.62	.59	.66	.62	.59	.65	.61	.59	.57



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:
Test Date:2025-12-01

γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.421
Humidity:65.0%
Test Distance:4.234m [K=1.0000]
Remarks: BXRE-30G10F4-A-83

WEC AND CCEC

Test:U:110.11V I:0.1381A P:15.090W PF:0.9924 Freq:49.99Hz Lamp Flux:1168.62x1 lm		
NAME:	TYPE:COB	WEIGHT:
SPEC.:BXRH-30V10F4-A-83	DIM.: 9mm	SERIAL No.:
MFR.: Hangzhou XRZLux Co.,Ltd	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	.167	.095	.030	.160	.091	.029	.147	.084	.027	.134	.077	.025	.123	.071	.023	
2.0	.159	.087	.027	.153	.084	.026	.141	.079	.024	.131	.074	.023	.121	.069	.022	
3.0	.150	.080	.024	.145	.078	.023	.135	.073	.022	.127	.069	.021	.118	.066	.020	
4.0	.142	.074	.022	.138	.072	.021	.130	.069	.021	.122	.065	.020	.115	.062	.019	
5.0	.135	.069	.020	.131	.067	.020	.124	.065	.019	.117	.062	.018	.111	.059	.018	
6.0	.129	.065	.018	.125	.063	.018	.119	.061	.018	.113	.059	.017	.107	.057	.017	
7.0	.123	.061	.017	.120	.060	.017	.114	.058	.017	.109	.056	.016	.104	.054	.016	
8.0	.117	.057	.016	.115	.056	.016	.110	.055	.016	.105	.053	.015	.100	.052	.015	
9.0	.112	.054	.015	.110	.054	.015	.105	.052	.015	.101	.051	.014	.097	.049	.014	
10.0	.108	.052	.014	.105	.051	.014	.101	.050	.014	.097	.048	.014	.094	.047	.014	

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	.202	.202	.202	.172	.172	.172	.118	.118	.118	.068	.068	.068	.022	.022	.022	
1.0	.182	.169	.157	.156	.145	.135	.106	.100	.093	.061	.058	.054	.020	.019	.018	
2.0	.166	.144	.125	.142	.124	.108	.097	.086	.076	.056	.050	.044	.018	.016	.014	
3.0	.153	.125	.103	.131	.108	.089	.090	.075	.062	.052	.044	.037	.017	.014	.012	
4.0	.142	.110	.086	.122	.095	.074	.084	.066	.052	.048	.039	.031	.016	.013	.010	
5.0	.133	.098	.073	.114	.085	.063	.079	.059	.045	.046	.035	.027	.015	.011	.009	
6.0	.125	.089	.063	.107	.077	.055	.074	.054	.039	.043	.032	.023	.014	.010	.008	
7.0	.118	.081	.055	.102	.070	.048	.070	.049	.034	.041	.029	.020	.013	.010	.007	
8.0	.112	.075	.049	.097	.065	.043	.067	.046	.030	.039	.027	.018	.013	.009	.006	
9.0	.107	.070	.044	.092	.060	.038	.064	.042	.027	.037	.025	.016	.012	.008	.005	
10.0	.102	.065	.040	.088	.056	.035	.061	.040	.025	.036	.023	.015	.012	.008	.005	

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:
Test Date:2025-12-01

γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.421
Humidity:65.0%
Test Distance:4.234m [K=1.0000]
Remarks: BXRE-30G10F4-A-83

UGR(Unified Glare Rating) Table

Test:U:110.11V I:0.1381A P:15.090W PF:0.9924 Freq:49.99Hz Lamp Flux:1168.62x1 lm										
NAME:					TYPE:COB			WEIGHT:		
SPEC.:BXRH-30V10F4-A-83					DIM.: 9mm			SERIAL No.:		
MFR.: Hangzhou XRZLux Co.,Ltd					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	5.8	6.6	6.0	6.8	7.0	6.6	7.5	6.8	7.6	7.8
3H	5.7	6.5	6.0	6.7	6.9	6.5	7.3	6.8	7.5	7.7
4H	5.6	6.4	5.9	6.6	6.9	6.4	7.2	6.7	7.4	7.7
6H	5.6	6.3	5.9	6.5	6.8	6.3	7.0	6.7	7.3	7.6
8H	5.5	6.2	5.8	6.5	6.8	6.3	7.0	6.6	7.2	7.5
12H	5.5	6.1	5.8	6.4	6.7	6.3	6.9	6.6	7.2	7.5
4H 2H	5.6	6.3	5.9	6.5	6.8	6.4	7.1	6.7	7.4	7.6
3H	5.5	6.1	5.8	6.4	6.7	6.3	6.9	6.6	7.2	7.5
4H	5.4	6.0	5.8	6.4	6.7	6.2	6.8	6.6	7.1	7.5
6H	5.4	5.9	5.8	6.3	6.6	6.1	6.6	6.5	7.0	7.4
8H	5.3	5.8	5.8	6.2	6.6	6.1	6.6	6.5	6.9	7.3
12H	5.3	5.7	5.7	6.1	6.5	6.0	6.5	6.5	6.9	7.3
8H 4H	5.3	5.8	5.7	6.2	6.6	6.1	6.6	6.5	6.9	7.3
6H	5.3	5.7	5.7	6.1	6.5	6.0	6.4	6.4	6.8	7.2
8H	5.2	5.6	5.7	6.0	6.5	5.9	6.3	6.4	6.7	7.2
12H	5.2	5.5	5.7	5.9	6.4	5.9	6.2	6.4	6.6	7.1
12H 4H	5.3	5.7	5.7	6.1	6.5	6.0	6.5	6.5	6.9	7.3
6H	5.2	5.6	5.7	6.0	6.5	5.9	6.3	6.4	6.7	7.2
8H	5.2	5.5	5.7	5.9	6.4	5.9	6.2	6.4	6.6	7.1
Variations with the observer position at spacings:										
S = 1.0H	+ 2.4 / - 6.5					+ 3.3 / - 7.8				
1.5H	+ 3.8 / - 7.0					+ 4.9 / - 8.2				
2.0H	+ 6.9 / - 5.0					+ 7.5 / - 5.6				

CIE Pub.117, 1169 lm Total Lamp Luminous Flux Correct (8log(F/F0) = 0.5)
Area: 0.1 m2

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:
Test Date:2025-12-01

γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.421
Humidity:65.0%
Test Distance:4.234m [K=1.0000]
Remarks: BXRE-30G10F4-A-83

UTILIZATION FACTORS TABLE

Test:U:110.11V I:0.1381A P:15.090W PF:0.9924 Freq:49.99Hz Lamp Flux:1168.62x1 lm		
NAME:	TYPE:COB	WEIGHT:
SPEC.:BXRH-30V10F4-A-83	DIM.: 9mm	SERIAL No.:
MFR.: Hangzhou XRZLux Co.,Ltd	SUR.:	Shielding Angle:

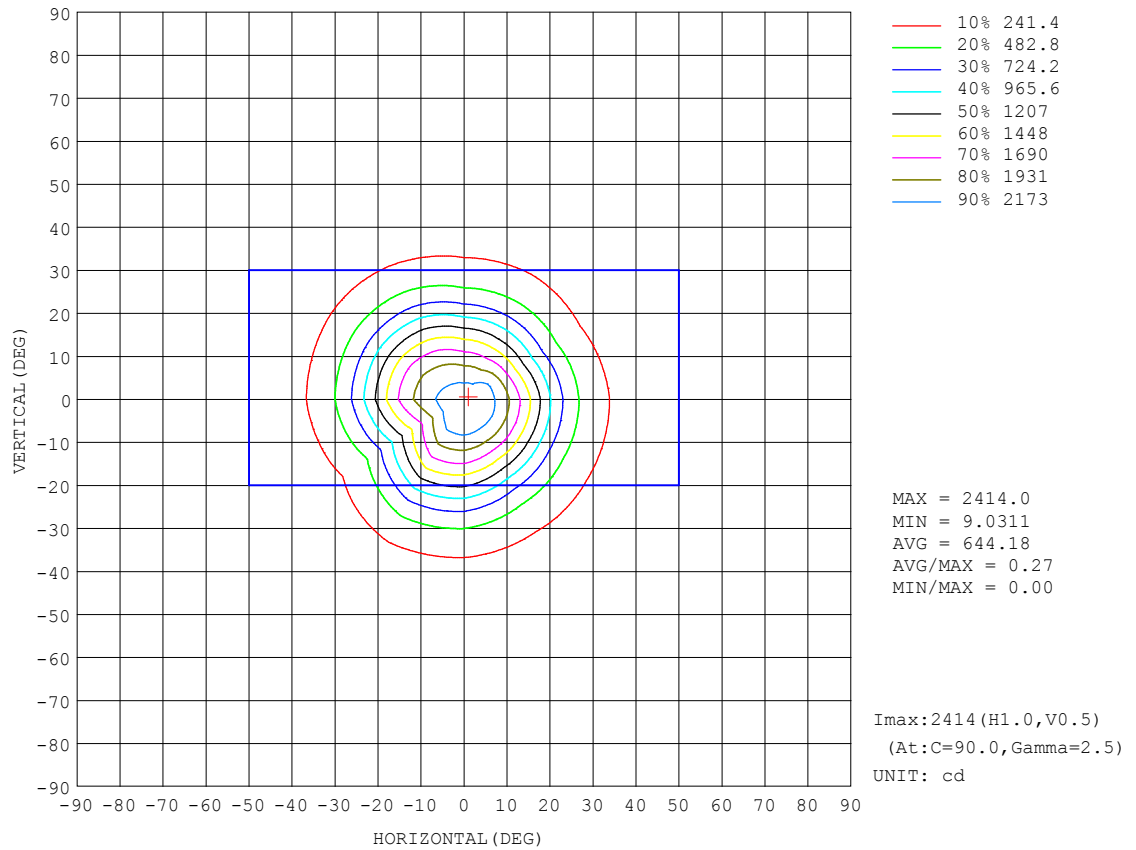
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	86	80	76	86	80	76	85	79	76	72
0.80	94	88	84	93	88	84	92	87	83	80
1.00	98	93	89	97	92	89	96	92	88	84
1.25	102	97	94	101	97	93	99	95	92	88
1.50	105	100	97	104	100	96	101	98	95	91
2.00	108	104	101	106	103	100	104	100	98	92
2.50	110	106	103	108	104	102	105	102	100	93
3.00	111	108	105	109	106	104	106	103	101	95
4.00	113	110	108	111	109	107	107	105	104	96
5.00	115	112	110	112	110	109	108	107	105	97
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: MEDIUM
Temperature:25.3DEG
Operators:
Test Date:2025-12-01

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.421
Humidity:65.0%
Test Distance:4.234m [K=1.0000]
Remarks: BXRE-30G10F4-A-83

ISOCANDELA DIAGRAM

Test:U:110.11V I:0.1381A P:15.090W PF:0.9924 Freq:49.99Hz Lamp Flux:1168.62x1 lm		
NAME:	TYPE:COB	WEIGHT:
SPEC.:BXRH-30V10F4-A-83	DIM.: 9mm	SERIAL No.:
MFR.: Hangzhou XRZLux Co.,Ltd	SUR.:	Shielding Angle:

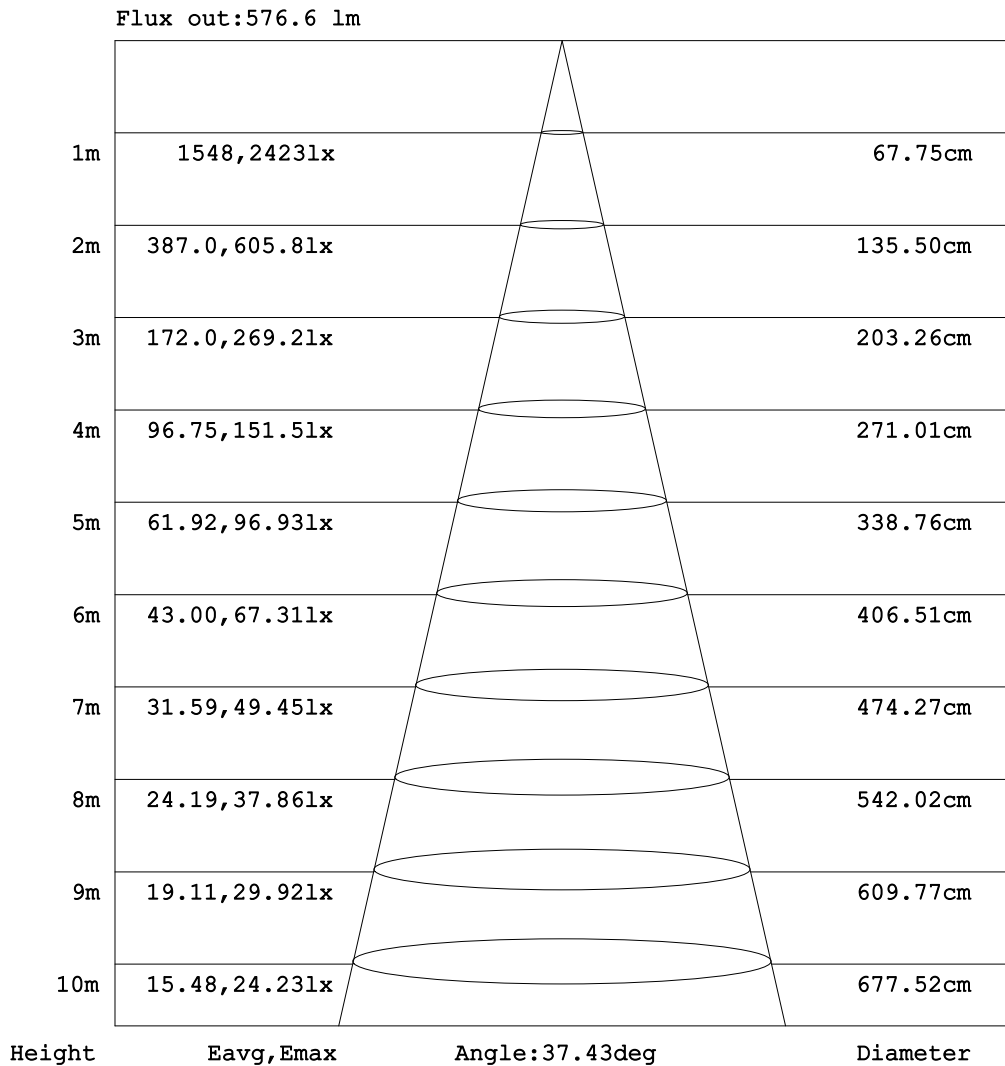


C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:
Test Date:2025-12-01

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.421
Humidity:65.0%
Test Distance:4.234m [K=1.0000]
Remarks: BXRE-30G10F4-A-83

AAI Figure

Test:U:110.11V I:0.1381A P:15.090W PF:0.9924 Freq:49.99Hz Lamp Flux:1168.62x1 lm		
NAME:	TYPE:COB	WEIGHT:
SPEC.:BXRH-30V10F4-A-83	DIM.: 9mm	SERIAL No.:
MFR.: Hangzhou XRZLux Co.,Ltd	SUR.:	Shielding Angle:



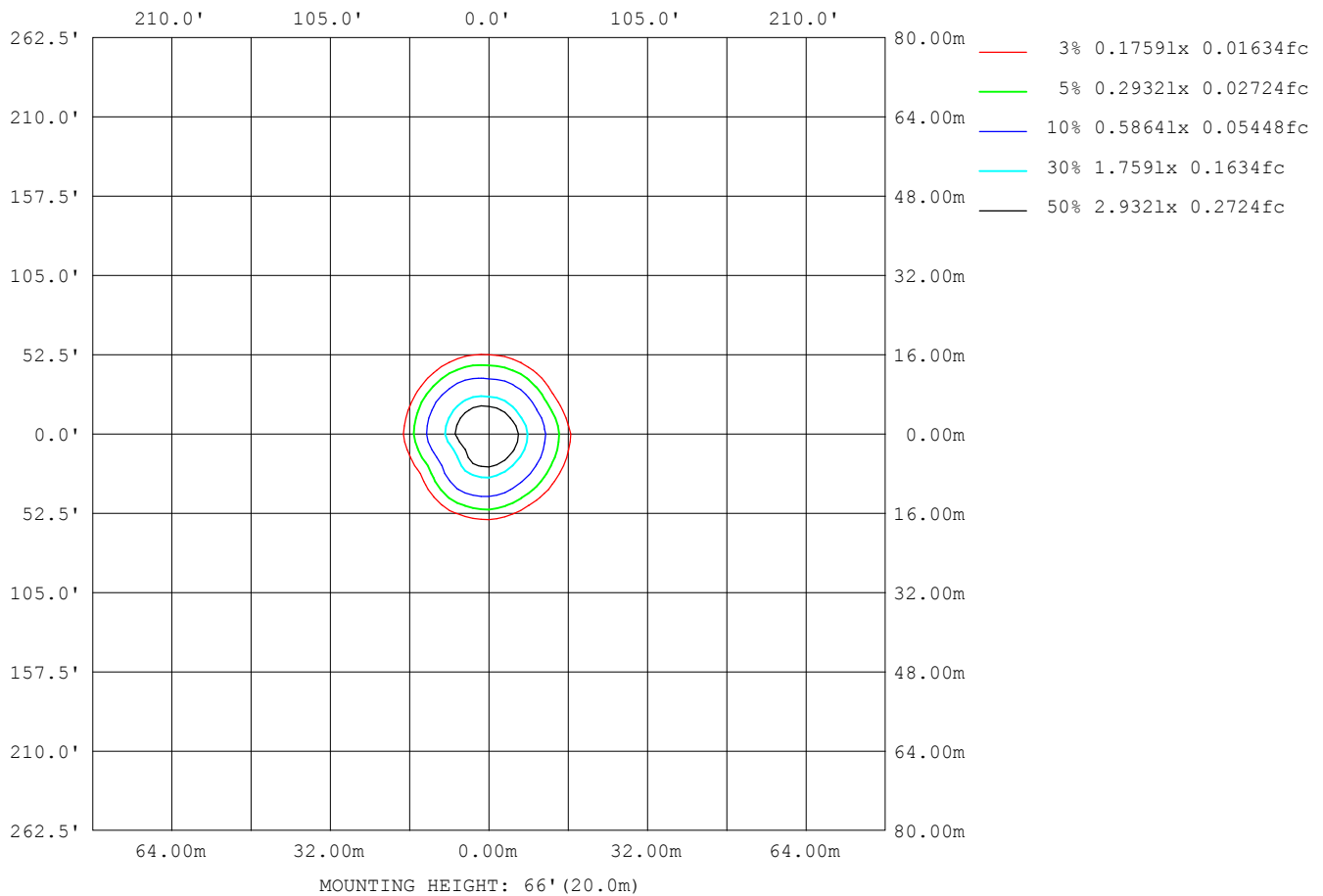
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:
Test Date:2025-12-01

γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.421
Humidity:65.0%
Test Distance:4.234m [K=1.0000]
Remarks: BXRE-30G10F4-A-83

ISOLUX DIAGRAM

Test:U:110.11V I:0.1381A P:15.090W PF:0.9924 Freq:49.99Hz Lamp Flux:1168.62x1 lm		
NAME:	TYPE:COB	WEIGHT:
SPEC.:BXRH-30V10F4-A-83	DIM.: 9mm	SERIAL No.:
MFR.: Hangzhou XRZLux Co.,Ltd	SUR.:	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:
Test Date:2025-12-01

γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.421
Humidity:65.0%
Test Distance:4.234m [K=1.0000]
Remarks: BXRE-30G10F4-A-83

LED Avg.L Report

Test:U:110.11V I:0.1381A P:15.090W PF:0.9924 Freq:49.99Hz Lamp Flux:1168.62x1 lm		
NAME:	TYPE:COB	WEIGHT:
SPEC.:BXRH-30V10F4-A-83	DIM.: 9mm	SERIAL No.:
MFR.: Hangzhou XRZLux Co.,Ltd	SUR.:	Shielding Angle:

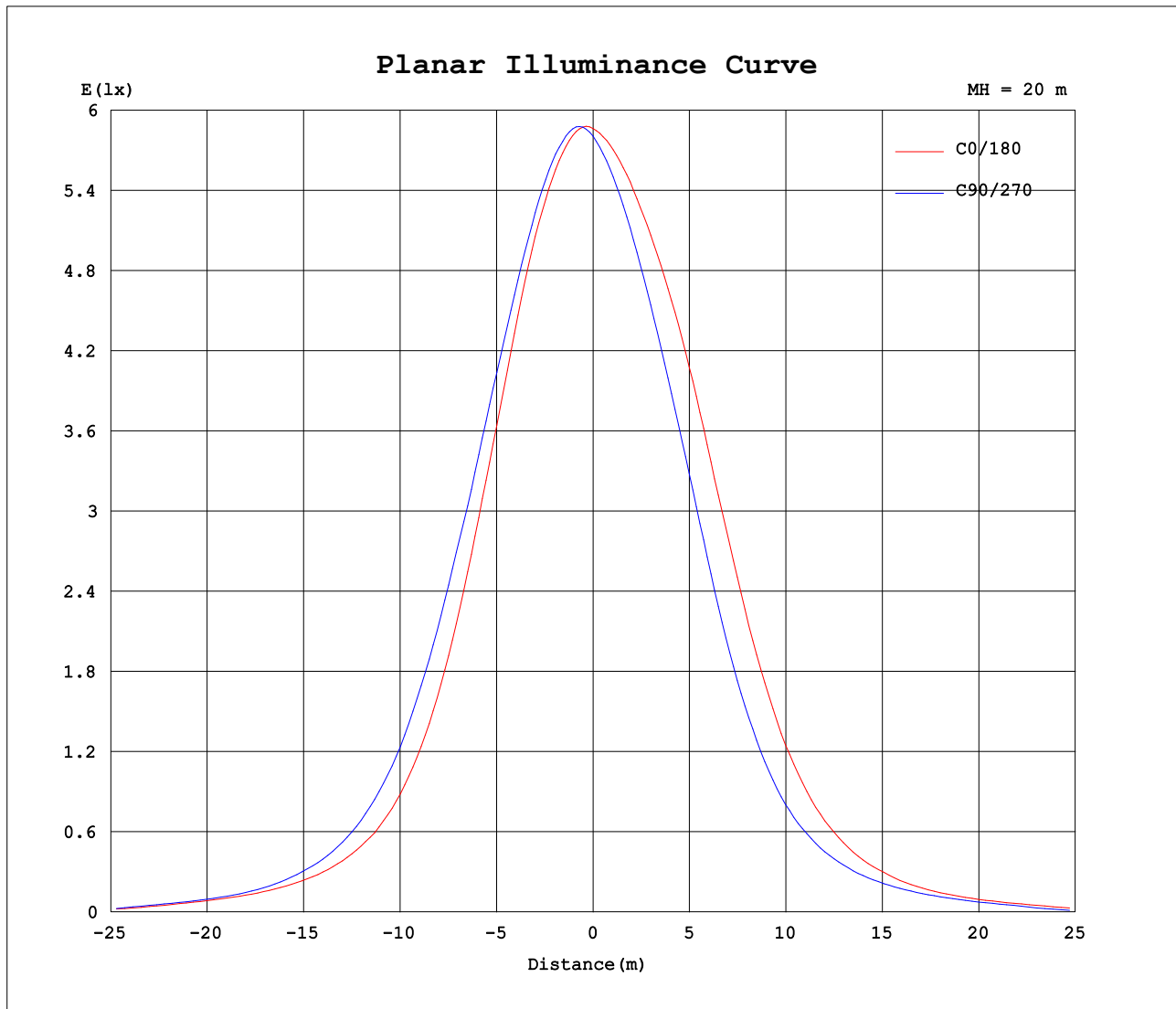
AvgL	cd/m2
L_0~180 (65) av	146
L_0~180 (75) av	102
L_0~180 (85) av	35
L_90~270 (65) av	130
L_90~270 (75) av	76
L_90~270 (85) av	17
L_45 (65) av	123
L_45 (75) av	83
L_45 (85) av	16

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:
Test Date:2025-12-01

γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.421
Humidity:65.0%
Test Distance:4.234m [K=1.0000]
Remarks: BXRE-30G10F4-A-83

Planar Illuminance Curve



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: MEDIUM
Temperature: 25.3DEG
Operators:
Test Date: 2025-12-01

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.421
Humidity: 65.0%
Test Distance: 4.234m [K=1.0000]
Remarks: BXRE-30G10F4-A-83

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:110.11V I:0.1381A P:15.090W PF:0.9924 Freq:49.99Hz Lamp Flux:1168.62x1 lm		
NAME:	TYPE:COB	WEIGHT:
SPEC.:BXRH-30V10F4-A-83	DIM.: 9mm	SERIAL No.:
MFR.: Hangzhou XRZLux Co.,Ltd	SUR.:	Shielding Angle:

Table--1

UNIT: cd

C (DEG) γ (DEG)	0	30	60	90	120	150	180	210	240	270	300	330						
0	2346	2346	2346	2346	2346	2346	2346	2346	2346	2346	2346	2346						
5	2276	2314	2321	2339	2316	2143	2233	2197	2155	2127	2134	2212						
10	1978	2009	2034	2092	2078	1738	2026	1994	1900	1787	1773	1805						
15	1494	1517	1564	1703	1727	1316	1713	1678	1542	1359	1321	1268						
20	982	994	1059	1252	1293	887	1267	1223	1100	894	869	801						
25	584	590	646	817	862	537	819	783	687	537	516	467						
30	345	345	384	492	515	316	483	467	408	321	311	273						
35	218	217	236	292	305	193	284	276	242	201	196	168						
40	145	142	147	176	181	124	172	159	147	134	105	81.6						
45	97.8	66.4	54.4	111	96.8	62.3	109	60.9	55.8	87.3	33.9	31.5						
50	48.7	23.7	21.3	60.8	36.2	22.1	61.3	21.8	19.3	34.4	14.6	12.5						
55	17.0	12.0	11.2	19.1	14.5	10.7	22.2	11.0	10.5	12.2	9.24	7.95						
60	9.35	8.09	7.53	10.08	9.70	7.55	10.6	7.02	6.68	7.33	6.24	5.23						
65	5.94	5.86	5.66	6.09	6.21	5.15	6.36	5.38	5.08	4.87	4.86	4.04						
70	4.12	4.19	3.77	4.06	4.32	3.85	4.25	3.72	3.32	3.17	3.28	2.77						
75	2.60	2.59	2.16	2.26	2.56	2.51	2.67	2.24	1.85	1.66	1.84	1.63						
80	0.99	1.30	0.86	0.85	1.04	1.26	0.80	0.99	0.59	0.51	0.58	0.67						
85	0.33	0.29	0.16	0.16	0.13	0.16	0.28	0.15	0.14	0.13	0.09	0.07						
90	0.11	0.10	0.11	0.11	0.14	0.06	0.09	0.08	0.09	0.10	0.09	0.07						
95	0.18	0.16	0.14	0.14	0.12	0.10	0.14	0.12	0.12	0.14	0.14	0.11						
100	0.29	0.28	0.25	0.23	0.21	0.17	0.21	0.20	0.20	0.24	0.24	0.18						
105	0.50	0.48	0.44	0.38	0.35	0.29	0.33	0.33	0.35	0.40	0.42	0.30						
110	0.86	0.83	0.76	0.64	0.59	0.50	0.53	0.54	0.58	0.67	0.72	0.49						
115	1.41	1.37	1.26	1.08	0.99	0.84	0.87	0.91	0.98	1.11	1.19	0.82						
120	2.19	2.13	1.98	1.74	1.59	1.35	1.41	1.48	1.59	1.75	1.89	1.32						
125	3.16	3.07	2.91	2.62	2.43	2.07	2.18	2.30	2.42	2.61	2.79	2.02						
130	4.26	4.14	3.98	3.68	3.45	2.95	3.16	3.31	3.43	3.63	3.85	2.89						
135	5.40	5.26	5.11	4.82	4.57	3.89	4.25	4.41	4.52	4.72	4.95	3.84						
140	6.42	6.31	6.17	5.91	5.65	4.76	5.32	5.45	5.55	5.75	5.96	4.76						
145	7.19	7.12	7.02	6.85	6.59	5.46	6.27	6.33	6.41	6.58	6.73	5.47						
150	7.57	7.55	7.52	7.47	7.24	5.87	6.92	6.91	6.96	7.08	7.14	5.89						
155	7.50	7.54	7.65	7.71	7.54	5.95	7.13	7.09	7.12	7.16	7.16	5.93						
160	7.08	7.19	7.41	7.58	7.42	5.73	6.96	6.90	6.93	6.91	6.87	5.63						
165	6.60	6.79	6.92	7.13	7.00	5.33	6.63	6.48	6.52	6.51	6.37	5.15						
170	6.14	6.34	6.37	6.49	6.40	4.91	6.20	6.06	5.95	5.90	5.80	4.64						
175	5.83	6.02	6.13	6.04	6.05	4.61	5.91	5.84	5.77	5.66	5.73	4.39						
180	5.90	5.97	5.95	5.88	5.87	4.52	5.94	5.94	5.97	5.86	5.88	4.50						

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Operators:
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