Luminaire Property

Luminaire: PL6262 38W CCT

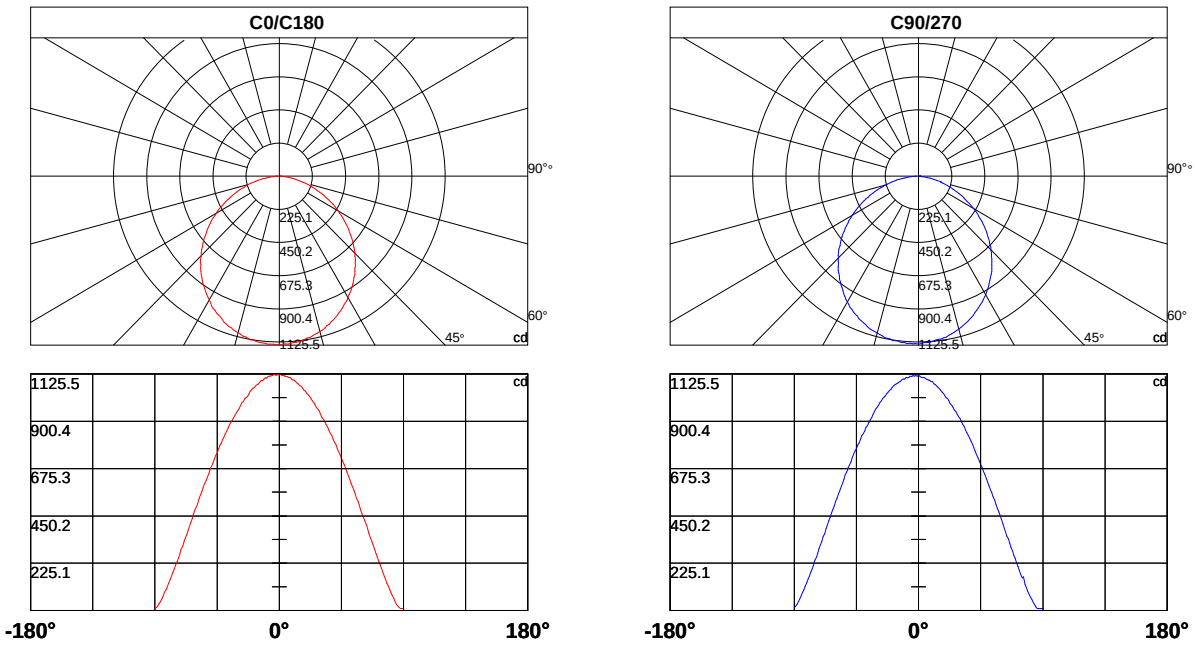
Report NO.:
Test NO.:
Lamp:
Sum Lumens: 3133.74 lm
Number of Lamps: 1
Diameter: mm
Length: 620mm
Photometric Type: Type C

Voltage: 222.0 V
Current: 0.168 A
Power: 36.1 W
Power Factor: 0.971
Ballast Type: 伊戈尔900mA CCT 调光调色
Width: 620mm
Height: mm
Remark:

Photometric Results

Lumens: 3133.74 lm
Effective luminous flux: 3081.54 lm
Efficiency: 86.8072 lm/W
Central Intensity: 1118.992cd
Maximum Intensity: 1125.462cd
Beam Angle(10%): Left: -81.0 Right:79.1

Angle of maximum intensity: C:0.0 G:1.0
Half Peak Side Angle(50%): Left: -56.2 Right:54.5
Light Out Rate(LOR) : 100.00%
Up Flux Rate: 0.0%
Down Flux Rate: 100.0%



Photometric Data Table [cd]

C\G	0.0	1.0	2.0	3.0	4.0	5.0	6.0	7.0	8.0	9.0
0.0	1119.0	1125.5	1118.4	1121.6	1115.2	1114.1	1111.9	1109.8	1108.6	1101.0
45.0	1119.0	1115.7	1109.6	1109.1	1108.6	1104.6	1099.6	1096.3	1095.6	1089.4
90.0	1119.0	1115.7	1109.6	1109.1	1108.6	1104.6	1099.6	1096.3	1095.6	1089.4
135.0	1119.0	1124.2	1120.0	1121.0	1122.1	1117.6	1116.5	1114.3	1113.3	1106.0
180.0	1119.0	1124.2	1120.0	1121.0	1122.1	1117.6	1116.5	1114.3	1113.3	1106.0
225.0	1119.0	1116.2	1118.6	1114.3	1118.1	1113.1	1115.2	1109.4	1107.0	1109.4
270.0	1119.0	1116.2	1118.6	1114.3	1118.1	1113.1	1115.2	1109.4	1107.0	1109.4
315.0	1119.0	1125.5	1118.4	1121.6	1115.2	1114.1	1111.9	1109.8	1108.6	1101.0
360.0	1119.0	1125.5	1118.4	1121.6	1115.2	1114.1	1111.9	1109.8	1108.6	1101.0

C\G	10.0	11.0	12.0	13.0	14.0	15.0	16.0	17.0	18.0	19.0
0.0	1096.1	1094.9	1088.5	1080.9	1078.1	1069.5	1066.2	1057.7	1048.5	1044.0
45.0	1088.5	1078.8	1075.0	1068.8	1061.0	1055.8	1048.5	1038.8	1032.6	1024.3
90.0	1088.5	1078.8	1075.0	1068.8	1061.0	1055.8	1048.5	1038.8	1032.6	1024.3
135.0	1107.4	1101.0	1094.4	1093.9	1085.9	1079.2	1075.9	1070.5	1059.8	1058.2
180.0	1107.4	1101.0	1094.4	1093.9	1085.9	1079.2	1075.9	1070.5	1059.8	1058.2
225.0	1102.3	1102.3	1099.8	1091.1	1087.8	1082.8	1078.5	1075.0	1068.6	1062.7
270.0	1102.3	1102.3	1099.8	1091.1	1087.8	1082.8	1078.5	1075.0	1068.6	1062.7
315.0	1096.1	1094.9	1088.5	1080.9	1078.1	1069.5	1066.2	1057.7	1048.5	1044.0
360.0	1096.1	1094.9	1088.5	1080.9	1078.1	1069.5	1066.2	1057.7	1048.5	1044.0

C\G	20.0	21.0	22.0	23.0	24.0	25.0	26.0	27.0	28.0	29.0
0.0	1033.1	1025.7	1017.9	1008.2	997.3	988.8	978.6	966.3	957.1	948.8
45.0	1013.9	1007.7	997.8	984.5	976.5	965.3	953.9	945.9	933.6	922.7
90.0	1013.9	1007.7	997.8	984.5	976.5	965.3	953.9	945.9	933.6	922.7
135.0	1049.9	1043.3	1030.2	1018.9	1012.5	1007.5	994.7	988.3	977.2	963.0
180.0	1049.9	1043.3	1030.2	1018.9	1012.5	1007.5	994.7	988.3	977.2	963.0
225.0	1052.3	1045.9	1039.0	1032.6	1020.5	1015.1	1008.2	997.3	989.0	977.2
270.0	1052.3	1045.9	1039.0	1032.6	1020.5	1015.1	1008.2	997.3	989.0	977.2
315.0	1033.1	1025.7	1017.9	1008.2	997.3	988.8	978.6	966.3	957.1	948.8
360.0	1033.1	1025.7	1017.9	1008.2	997.3	988.8	978.6	966.3	957.1	948.8

C\G	30.0	31.0	32.0	33.0	34.0	35.0	36.0	37.0	38.0	39.0
0.0	932.0	919.4	910.1	899.0	885.0	872.7	858.3	844.1	832.5	815.7
45.0	913.0	897.9	886.9	874.7	859.0	845.0	831.8	819.9	805.7	790.6
90.0	913.0	897.9	886.9	874.7	859.0	845.0	831.8	819.9	805.7	790.6
135.0	951.1	941.4	930.3	917.8	904.3	893.8	882.9	868.0	854.7	840.8
180.0	951.1	941.4	930.3	917.8	904.3	893.8	882.9	868.0	854.7	840.8
225.0	967.5	957.5	945.7	934.6	919.4	906.4	894.5	882.4	871.5	855.0
270.0	967.5	957.5	945.7	934.6	919.4	906.4	894.5	882.4	871.5	855.0
315.0	932.0	919.4	910.1	899.0	885.0	872.7	858.3	844.1	832.5	815.7
360.0	932.0	919.4	910.1	899.0	885.0	872.7	858.3	844.1	832.5	815.7

Photometric Data Table [cd]

C\G	40.0	41.0	42.0	43.0	44.0	45.0	46.0	47.0	48.0	49.0
0.0	800.7	789.8	770.7	757.6	740.4	724.7	709.8	692.8	677.4	660.0
45.0	773.5	758.4	742.2	725.9	711.5	695.1	681.2	660.6	648.9	627.6
90.0	773.5	758.4	742.2	725.9	711.5	695.1	681.2	660.6	648.9	627.6
135.0	826.3	813.8	794.8	785.1	769.0	750.1	737.3	720.2	702.5	686.1
180.0	826.3	813.8	794.8	785.1	769.0	750.1	737.3	720.2	702.5	686.1
225.0	842.4	832.7	815.2	798.1	788.0	769.2	759.5	743.2	727.8	706.3
270.0	842.4	832.7	815.2	798.1	788.0	769.2	759.5	743.2	727.8	706.3
315.0	800.7	789.8	770.7	757.6	740.4	724.7	709.8	692.8	677.4	660.0
360.0	800.7	789.8	770.7	757.6	740.4	724.7	709.8	692.8	677.4	660.0

C\G	50.0	51.0	52.0	53.0	54.0	55.0	56.0	57.0	58.0	59.0
0.0	640.6	624.5	605.6	590.7	572.9	554.0	533.1	519.6	500.9	478.1
45.0	610.3	594.2	575.0	560.1	541.6	525.1	503.8	486.9	469.7	452.1
90.0	610.3	594.2	575.0	560.1	541.6	525.1	503.8	486.9	469.7	452.1
135.0	672.6	652.5	634.0	617.2	604.9	586.4	565.6	550.9	531.7	508.3
180.0	672.6	652.5	634.0	617.2	604.9	586.4	565.6	550.9	531.7	508.3
225.0	692.0	677.1	659.3	645.8	624.1	607.0	591.1	569.8	556.8	536.4
270.0	692.0	677.1	659.3	645.8	624.1	607.0	591.1	569.8	556.8	536.4
315.0	640.6	624.5	605.6	590.7	572.9	554.0	533.1	519.6	500.9	478.1
360.0	640.6	624.5	605.6	590.7	572.9	554.0	533.1	519.6	500.9	478.1

C\G	60.0	61.0	62.0	63.0	64.0	65.0	66.0	67.0	68.0	69.0
0.0	462.3	442.2	425.9	407.8	387.5	365.0	344.8	329.4	311.7	290.1
45.0	433.4	411.4	391.7	372.5	353.1	340.8	320.7	299.4	283.0	260.8
90.0	433.4	411.4	391.7	372.5	353.1	340.8	320.7	299.4	283.0	260.8
135.0	492.9	477.9	458.8	436.9	417.1	399.3	380.8	361.4	344.8	325.9
180.0	492.9	477.9	458.8	436.9	417.1	399.3	380.8	361.4	344.8	325.9
225.0	519.4	499.0	482.9	463.3	443.3	427.7	405.0	388.6	366.4	351.9
270.0	519.4	499.0	482.9	463.3	443.3	427.7	405.0	388.6	366.4	351.9
315.0	462.3	442.2	425.9	407.8	387.5	365.0	344.8	329.4	311.7	290.1
360.0	462.3	442.2	425.9	407.8	387.5	365.0	344.8	329.4	311.7	290.1

C\G	70.0	71.0	72.0	73.0	74.0	75.0	76.0	77.0	78.0	79.0
0.0	270.7	255.1	233.3	217.9	201.5	183.3	162.9	148.0	129.1	114.6
45.0	247.9	229.0	208.4	189.7	172.6	154.6	159.6	123.9	110.6	91.9
90.0	247.9	229.0	208.4	189.7	172.6	154.6	159.6	123.9	110.6	91.9
135.0	303.6	290.8	268.3	250.1	233.7	216.2	198.0	179.7	162.2	147.8
180.0	303.6	290.8	268.3	250.1	233.7	216.2	198.0	179.7	162.2	147.8
225.0	329.2	313.6	293.9	271.7	252.2	239.5	217.2	198.7	184.5	163.4
270.0	329.2	313.6	293.9	271.7	252.2	239.5	217.2	198.7	184.5	163.4
315.0	270.7	255.1	233.3	217.9	201.5	183.3	162.9	148.0	129.1	114.6
360.0	270.7	255.1	233.3	217.9	201.5	183.3	162.9	148.0	129.1	114.6

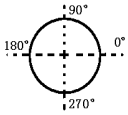
Photometric Data Table [cd]

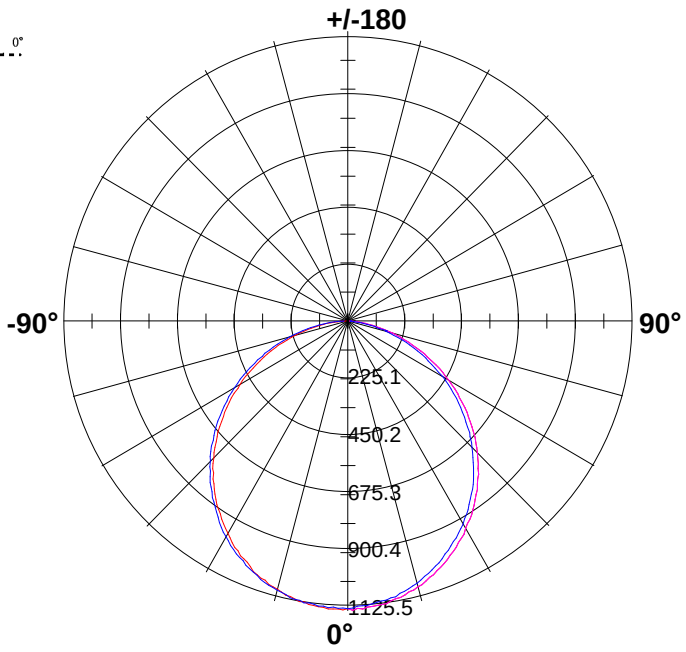
C\G	80.0	81.0	82.0	83.0	84.0	85.0	86.0	87.0	88.0	89.0
0.0	99.2	83.6	71.8	57.1	41.2	28.2	19.9	14.0	8.5	8.6
45.0	76.3	61.8	52.8	36.7	27.5	17.1	9.3	8.7	8.7	8.7
90.0	76.3	61.8	52.8	36.7	27.5	17.1	9.3	8.7	8.7	8.7
135.0	128.4	112.0	96.6	86.2	68.7	54.2	40.5	32.5	21.1	14.0
180.0	128.4	112.0	96.6	86.2	68.7	54.2	40.5	32.5	21.1	14.0
225.0	149.4	131.9	115.1	99.7	86.9	72.0	54.7	42.4	29.6	19.4
270.0	149.4	131.9	115.1	99.7	86.9	72.0	54.7	42.4	29.6	19.4
315.0	99.2	83.6	71.8	57.1	41.2	28.2	19.9	14.0	8.5	8.6
360.0	99.2	83.6	71.8	57.1	41.2	28.2	19.9	14.0	8.5	8.6

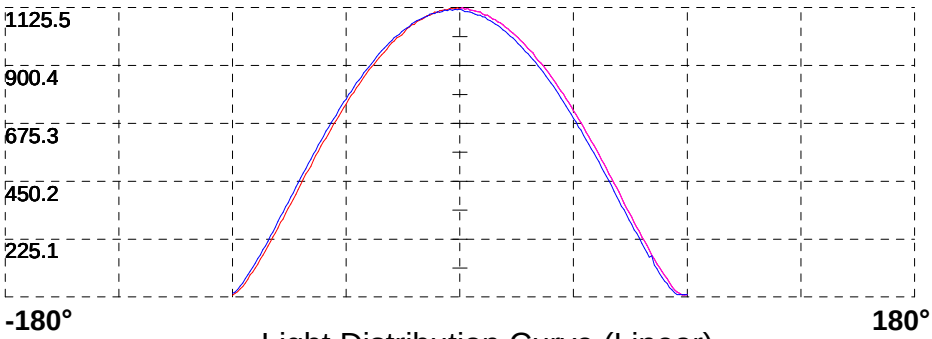
C\G	90.0
0.0	8.7
45.0	9.0
90.0	9.0
135.0	7.4
180.0	7.4
225.0	14.2
270.0	14.2
315.0	8.7
360.0	8.7

Light Distribution Curve [Unit: cd]

Luminaire



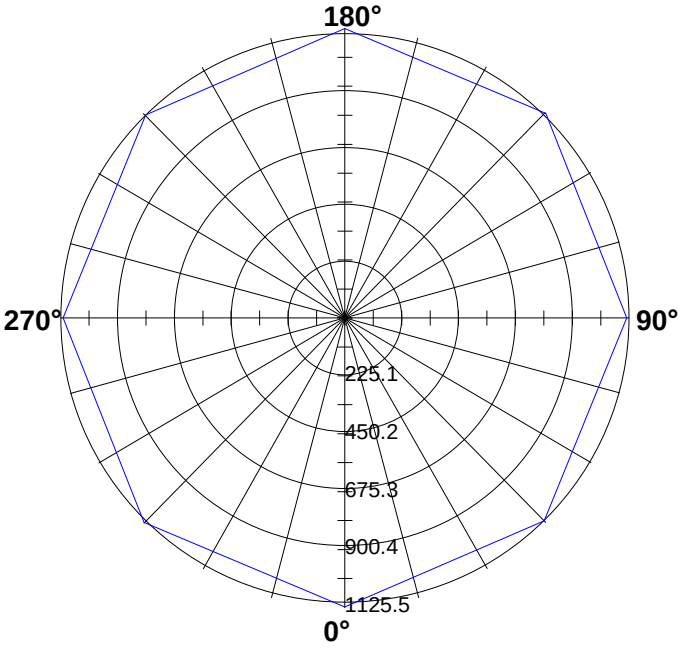


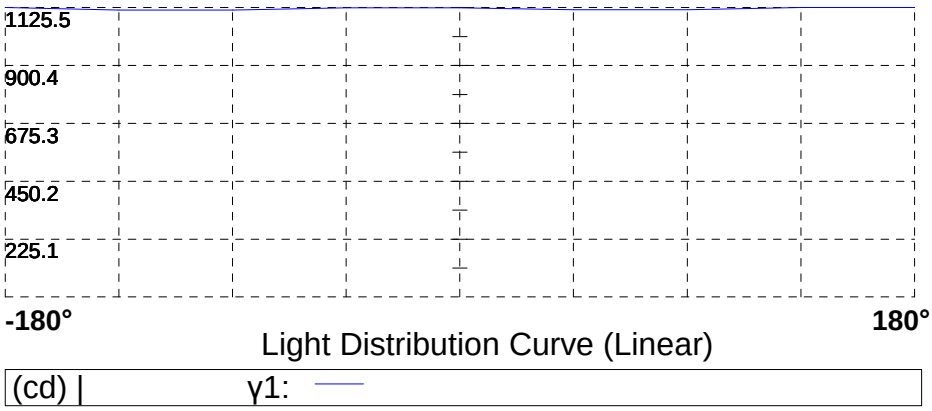


Light Distribution Curve (Linear)

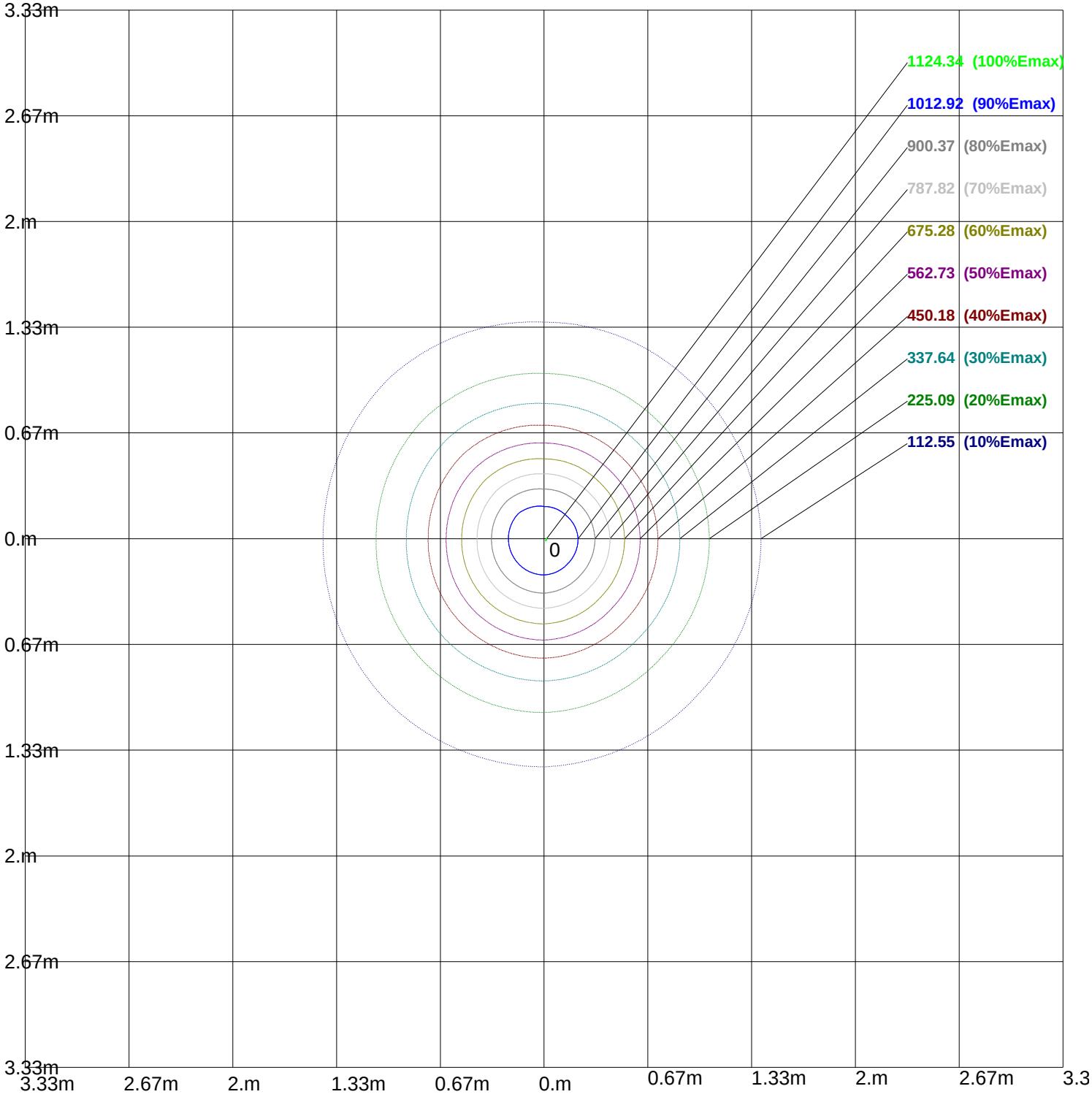
(cd) | C0/C180: C90/C270: C0:

Max Plane Light Distribution Curve [Unit: cd]





Iso-Lux[lx]



Height: 1 m
Max Illuminance : 1125.46lx

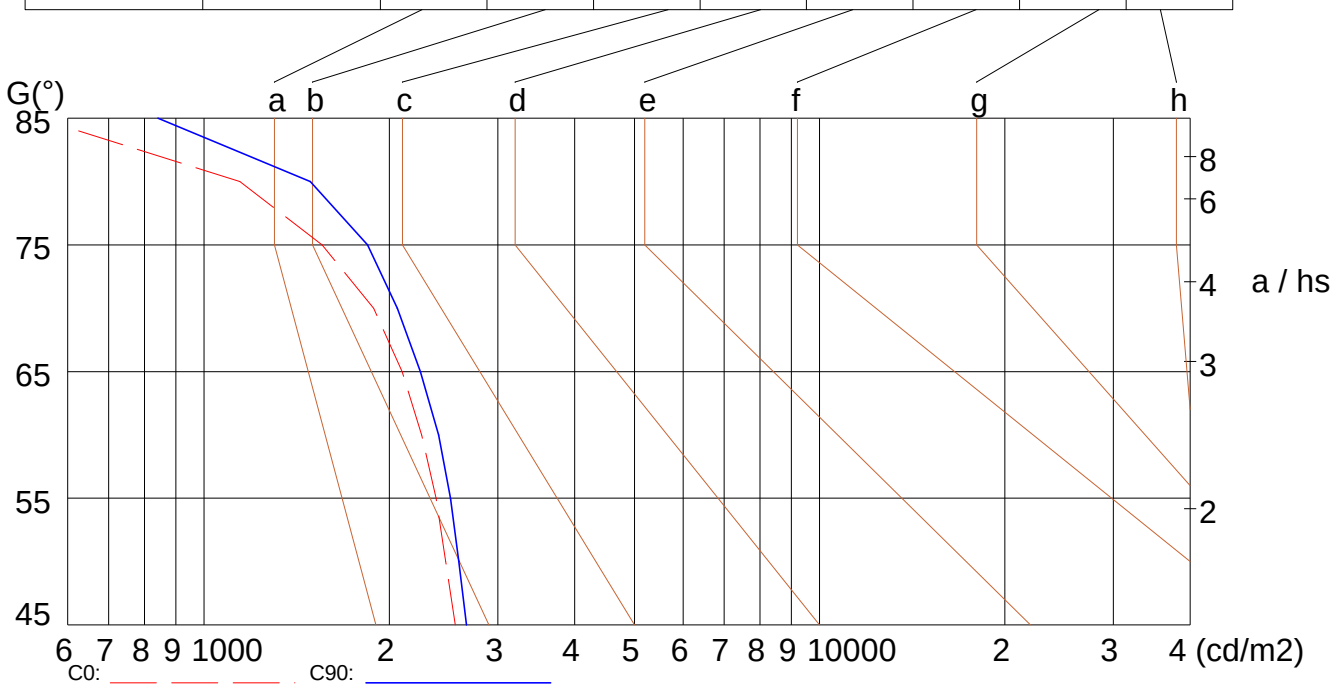
Luminance Limitting Curve

Diameter: mm
Length: 620mm
Width: 620mm
Height: mm

(cd/m2)

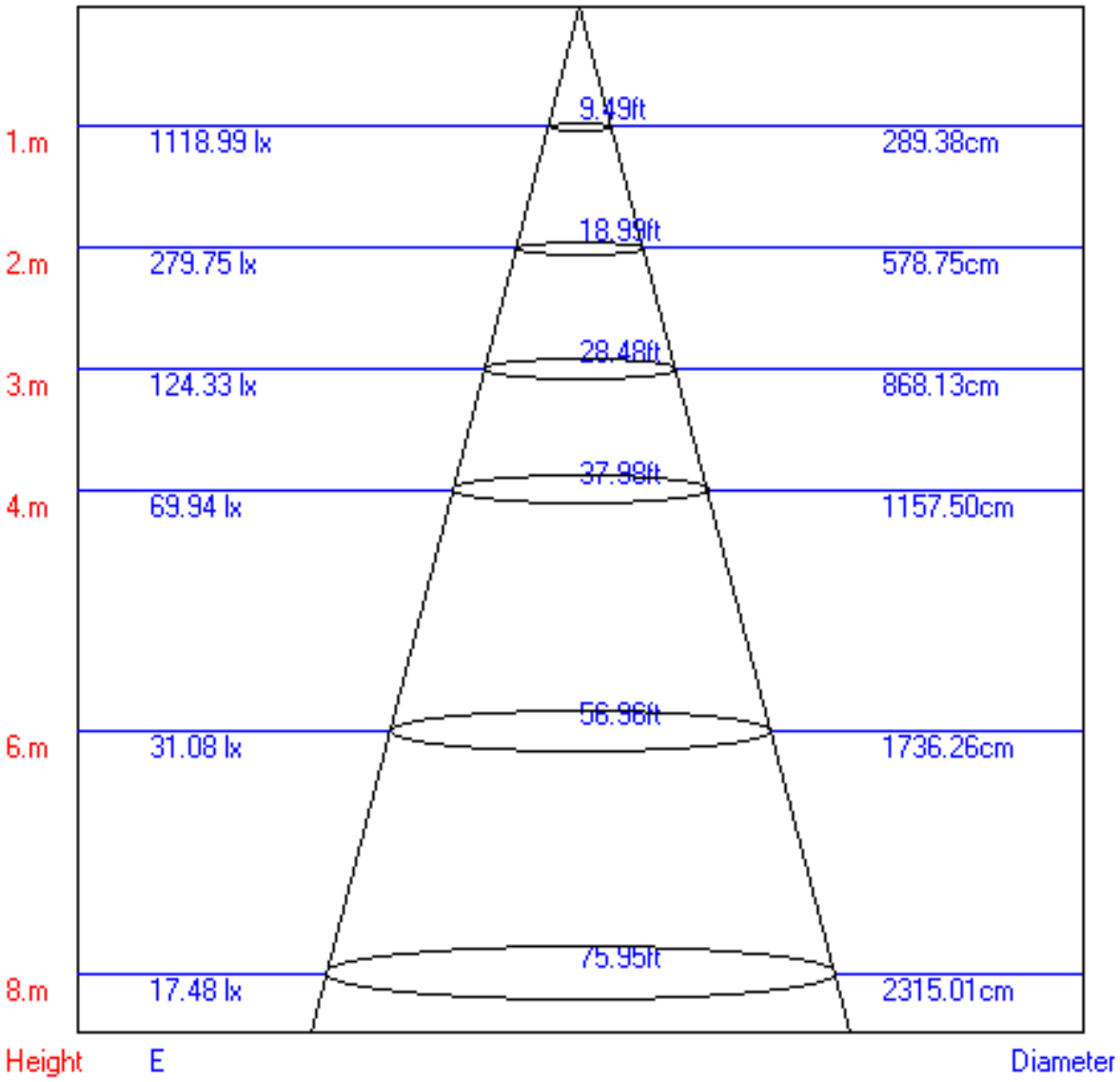
γ	45°	50°	55°	60°	65°	70°	75°	80°	85°
C0	2557	2470	2381	2255	2098	1886	1554	1143	510
C90	2666	2593	2513	2405	2247	2059	1843	1487	841

Glare	Quality	Service Values Illuminance (lx)							
1.15	A	2000	1000	500	≤300				
1.5	B		2000	1000	500	≤300			
1.85	C			2000	1000	500	≤300		
2.2	D				2000	1000	500	≤300	
2.55	E					2000	1000	500	≤300



Lum. Limitting Curve (C0/C90)

Lux-Distance Curve

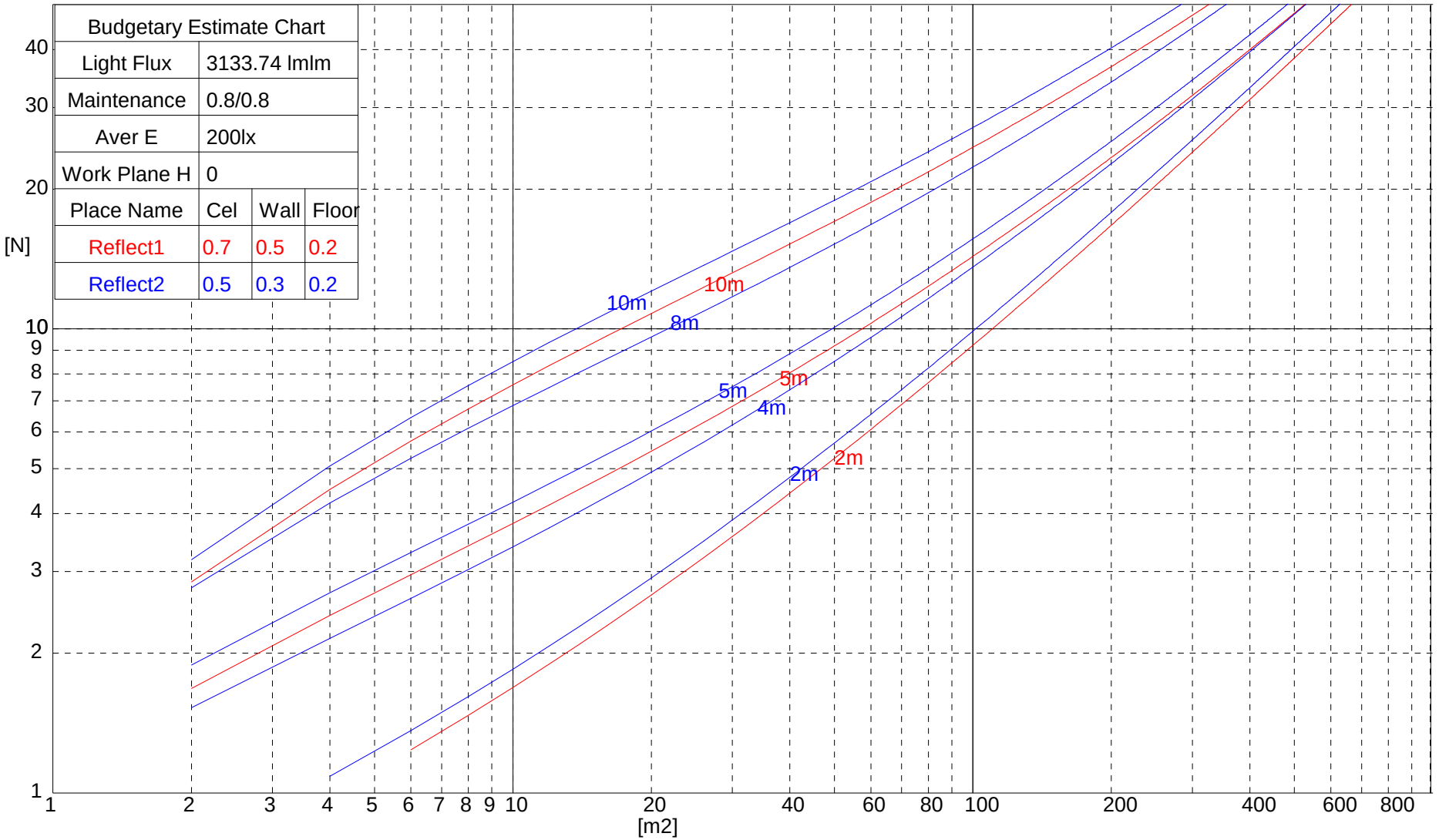


Beam Angle:110.70°

Utilization Coefficient Table

RHOCC	80			70			50			30			10			0
RHOW	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	0
RCR	COEFFCIENTS OF UTILIZATION FOR RHOFC=20															
0	1.19	1.19	1.19	1.16	1.16	1.16	1.11	1.11	1.11	1.06	1.06	1.06	1.02	1.02	1.02	1.00
1	1.05	1.03	1.01	1.03	1.01	0.99	1.00	0.97	0.95	0.95	0.92	0.90	0.88	0.86	0.84	0.79
2	0.89	0.86	0.84	0.88	0.85	0.83	0.86	0.82	0.79	0.83	0.79	0.75	0.78	0.74	0.70	0.66
3	0.76	0.73	0.71	0.76	0.72	0.70	0.75	0.70	0.67	0.72	0.68	0.63	0.69	0.64	0.60	0.55
4	0.65	0.63	0.61	0.66	0.62	0.59	0.66	0.61	0.57	0.64	0.59	0.54	0.62	0.56	0.51	0.47
5	0.57	0.54	0.52	0.58	0.54	0.51	0.58	0.53	0.49	0.57	0.52	0.47	0.56	0.50	0.45	0.41
6	0.50	0.48	0.46	0.51	0.47	0.45	0.52	0.47	0.43	0.52	0.46	0.41	0.51	0.44	0.39	0.36
7	0.45	0.42	0.41	0.46	0.42	0.40	0.47	0.42	0.38	0.47	0.41	0.37	0.47	0.40	0.35	0.32
8	0.40	0.38	0.36	0.41	0.38	0.36	0.42	0.38	0.34	0.43	0.37	0.33	0.43	0.36	0.31	0.28
9	0.36	0.34	0.33	0.37	0.34	0.32	0.39	0.34	0.31	0.40	0.34	0.30	0.40	0.33	0.28	0.25
10	0.33	0.31	0.29	0.34	0.31	0.29	0.36	0.31	0.28	0.37	0.31	0.27	0.37	0.30	0.26	0.23

Budgetary Estimate Chart			
Light Flux	3133.74 lmlm		
Maintenance	0.8/0.8		
Aver E	200lx		
Work Plane H	0		
Place Name	Cel	Wall	Floor
Reflect1	0.7	0.5	0.2
Reflect2	0.5	0.3	0.2



UGR Glare Index

Ceiling		70	70	50	50	30	70	70	50	50	30
Wall		50	30	50	30	30	50	30	50	30	30
Floor		20	20	20	20	20	20	20	20	20	20
Room Size		Weft to light axis direction of observation					Direction of light axis parallel observation				
X	Y										
2H	2H	14.8	15.9	15.1	15.9	16.3	14.7	15.9	14.9	15.9	16.3
	3H	16.2	17.4	16.7	17.7	18.0	16.2	17.4	16.5	17.9	18.0
	4H	16.9	18.1	17.4	18.6	18.7	17.0	18.0	17.3	18.6	18.8
	6H	17.5	18.5	18.0	18.9	19.0	17.3	18.3	17.8	18.8	19.1
	8H	17.9	18.9	18.2	18.9	19.3	17.8	18.7	18.0	19.0	19.3
	12H	18.0	18.8	18.2	19.3	19.5	17.8	18.6	18.0	19.2	19.5
4H	2H	15.6	16.6	15.9	16.9	17.1	15.6	16.6	15.8	16.8	17.0
	3H	17.5	18.4	17.8	18.3	18.7	17.3	18.2	17.5	18.4	18.8
	4H	18.2	19.0	18.5	19.1	19.5	18.0	18.9	18.4	19.2	19.5
	6H	18.8	19.5	19.2	19.8	20.1	18.8	19.4	19.0	19.7	20.1
	8H	19.0	19.8	19.5	19.9	20.4	19.0	19.6	19.2	19.9	20.3
	12H	19.3	19.9	19.7	20.2	20.4	19.2	19.7	19.6	20.2	20.5
8H	4H	18.6	19.2	18.8	19.4	19.9	18.4	19.0	18.8	19.4	19.8
	6H	19.4	19.8	19.7	20.2	20.7	19.2	19.9	19.7	20.2	20.6
	8H	19.8	20.2	20.1	20.5	20.9	19.6	20.0	20.0	20.5	20.9
	12H	19.9	20.5	20.4	20.7	21.3	19.9	20.4	20.2	20.7	21.1
12H	4H	18.6	19.1	18.9	19.5	19.9	18.4	19.0	18.8	19.6	19.9
	6H	19.6	20.0	19.9	20.2	20.6	19.3	19.8	19.8	20.2	20.7
	8H	19.9	20.4	20.3	20.7	21.1	19.9	20.3	20.2	20.6	21.1