

R852 WNL (CRI90 350mA 20D)

Luminaire Name: R852 WNL (CRI90 350mA 20D)

Report NO.: 01314523082421A

Test NO.:

Lamp: LUMINUS CLM-9-40-90-36-TC40-F5-2 350mA

Sum Lumens: 1657.61 lm

Number of Lamps: 1

Diameter: 115mm

Length: -115mm

Photometric Type: Type C

Voltage: 229.5 V

Current: 0.062 A

Power: 13.8 W

Power Factor: 0.967

Ballast Type: OSRAM IT FIT 20/220-240/500 CS I

Width: -115mm

Height: 105mm

Optical Component: 20D Reflector DC(V: 34.25V I: 0.350A P: 11.98W)

Photometric Results

Lumens: 1303.26 lm

Efficiency: 78.62%

Central Intensity: 6283.367cd

Maximum Intensity: 6303.226cd

Beam Angle(10%): Left: -22.0 Right:23.6

Maximum s/h: C0_180: 0.18 C90_270: 0.18

Effective Luminous Flux: 941.85 lm

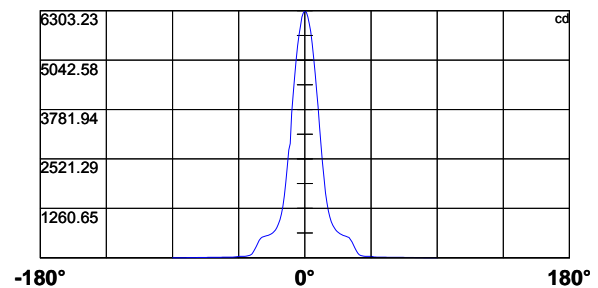
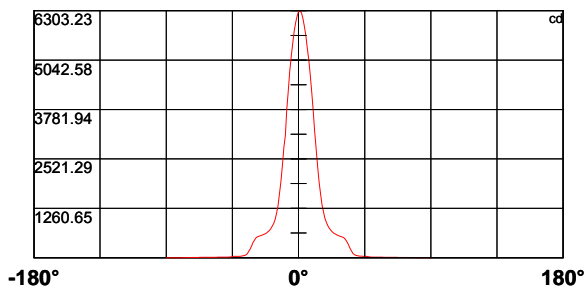
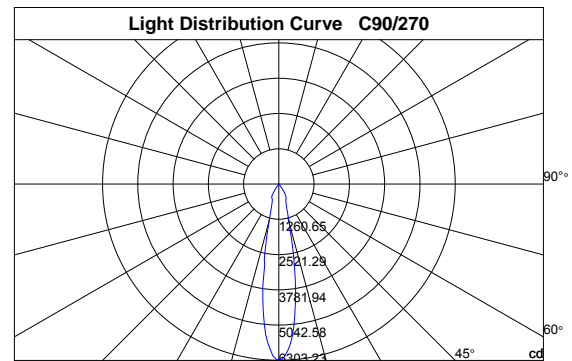
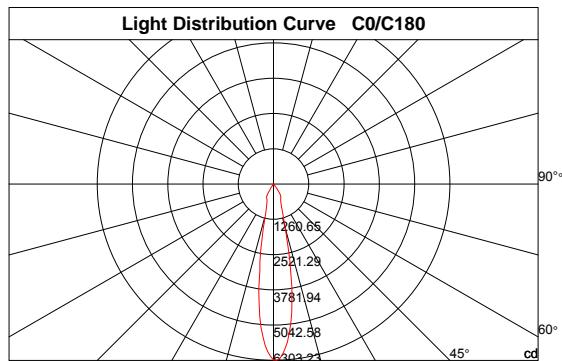
Angle of maximum intensity: C:240.0 G:1.0

Half Peak Side Angle(50%): Left: -9.8 Right:10.6

Up Flux Rate: 0.0%

Down Flux Rate: 78.62%

CIE Classification: Direct



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Intensity Data [cd]

C\γ	0.0	1.0	2.0	3.0	4.0	5.0	6.0	7.0	8.0	9.0
0.0	6283.4	6294.4	6241.6	6100.8	5898.4	5665.1	5349.7	5027.0	4642.7	4212.9
30.0	6283.4	6257.8	6130.1	5938.0	5715.0	5434.8	5090.1	4688.2	4261.3	3809.5
60.0	6283.4	6178.5	6004.0	5794.2	5539.0	5216.3	4817.3	4340.5	3934.2	3476.5
90.0	6283.4	6266.6	6144.8	5968.8	5769.3	5468.6	5110.6	4689.6	4254.0	3849.1
120.0	6283.4	6178.5	6024.5	5828.0	5558.0	5251.5	4837.8	4350.8	3931.3	3416.4
150.0	6283.4	6240.1	6108.1	5936.5	5725.3	5401.1	5040.2	4610.4	4154.2	3674.6
180.0	6283.4	6156.5	5993.7	5776.6	5465.6	5147.3	4742.5	4246.6	3797.8	3117.1
210.0	6283.4	6265.1	6155.1	5980.5	5713.5	5433.4	5034.4	4657.4	4205.6	3692.2
240.0	6283.4	6303.2	6244.6	6087.6	5896.9	5634.3	5276.4	4928.8	4462.3	4053.0
270.0	6283.4	6250.4	6146.3	5911.6	5687.1	5409.9	5008.0	4594.3	4149.8	3690.7
300.0	6283.4	6291.5	6234.3	6109.6	5888.1	5632.9	5299.9	4949.3	4545.9	4110.2
330.0	6283.4	6266.6	6172.7	5974.6	5742.9	5489.1	5120.9	4768.9	4259.8	3843.3
360.0	6283.4	6294.4	6241.6	6100.8	5898.4	5665.1	5349.7	5027.0	4642.7	4212.9

C\γ	10.0	11.0	12.0	13.0	14.0	15.0	16.0	17.0	18.0	19.0
0.0	3747.9	3222.8	2793.0	2308.9	1920.2	1629.7	1349.5	1172.0	1007.8	894.8
30.0	3338.6	2839.9	2451.2	2050.7	1669.3	1419.9	1183.8	1038.6	906.5	818.5
60.0	2923.8	2565.9	2125.7	1801.3	1479.9	1264.5	1091.7	950.4	860.6	776.9
90.0	3344.5	2883.9	2440.9	2039.0	1660.5	1409.7	1201.4	1043.0	921.2	824.4
120.0	2895.8	2490.3	2092.1	1771.1	1446.6	1237.0	1053.4	930.0	844.5	767.5
150.0	3190.5	2756.3	2276.6	1887.9	1521.2	1289.4	1088.4	968.1	865.5	784.8
180.0	2827.4	2374.9	1936.7	1626.5	1319.3	1132.4	972.7	868.8	797.4	733.2
210.0	3099.5	2718.6	2268.5	1862.2	1525.1	1279.7	1073.6	938.5	840.4	767.3
240.0	3532.3	3064.3	2668.3	2154.9	1773.5	1458.1	1223.4	1047.4	916.8	828.8
270.0	2917.4	2747.9	2304.2	1912.5	1574.3	1309.6	1113.8	968.7	859.3	776.0
300.0	3633.5	3102.5	2677.1	2193.0	1805.7	1512.4	1248.3	1082.6	932.9	830.3
330.0	3406.1	2882.4	2428.6	2015.5	1658.5	1399.9	1167.6	1011.4	893.3	802.7
360.0	3747.9	3222.8	2793.0	2308.9	1920.2	1629.7	1349.5	1172.0	1007.8	894.8

C\γ	20.0	21.0	22.0	23.0	24.0	25.0	26.0	27.0	28.0	29.0
0.0	809.7	751.0	700.9	658.2	628.6	603.0	582.4	564.3	551.6	537.0
30.0	758.4	703.4	665.2	635.5	615.4	600.3	582.4	569.9	557.0	545.1
60.0	720.7	681.5	644.3	620.3	597.6	580.6	564.9	553.8	540.7	529.7
90.0	764.3	710.6	667.6	638.0	609.9	590.6	571.2	556.7	544.4	531.2
120.0	715.1	676.4	645.3	620.6	600.7	584.6	570.5	557.7	543.6	528.4
150.0	752.5	686.7	654.4	632.5	607.6	592.9	577.5	565.3	553.9	540.8
180.0	690.9	657.8	630.2	608.8	589.7	574.6	561.1	547.3	533.1	507.3
210.0	707.5	671.2	639.9	616.7	597.5	580.0	567.7	555.2	541.1	528.1
240.0	754.0	696.6	655.3	630.0	609.2	593.4	579.7	568.4	558.4	546.0
270.0	709.2	667.9	630.9	606.6	587.9	571.9	561.5	549.2	538.2	527.8
300.0	755.4	700.3	661.7	626.4	600.4	580.4	564.5	550.4	540.3	527.6
330.0	730.8	686.2	648.1	618.7	596.6	577.1	565.2	550.1	538.2	527.5
360.0	809.7	751.0	700.9	658.2	628.6	603.0	582.4	564.3	551.6	537.0

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Intensity Data [cd]

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C\γ	30.0	31.0	32.0	33.0	34.0	35.0	36.0	37.0	38.0	39.0
0.0	522.8	503.7	454.9	398.0	325.9	237.9	171.8	108.4	76.4	59.8
30.0	531.2	491.4	424.7	350.0	270.8	188.9	126.6	78.5	60.3	49.4
60.0	499.6	442.0	369.5	284.8	214.5	144.4	87.1	64.3	50.7	42.3
90.0	514.9	465.4	399.7	324.5	248.3	174.9	115.0	75.5	56.2	45.8
120.0	481.7	412.0	286.4	250.7	182.4	111.0	71.6	58.3	46.3	39.6
150.0	510.6	445.6	370.4	284.6	204.2	130.8	87.6	75.5	51.2	43.3
180.0	448.1	383.0	287.8	214.2	150.5	92.6	65.3	54.8	44.9	39.2
210.0	486.4	425.3	317.0	273.3	206.8	133.2	84.0	63.9	52.3	43.6
240.0	527.5	481.6	412.0	344.4	259.8	185.6	130.0	79.2	62.5	50.3
270.0	495.2	443.3	367.0	286.7	219.5	151.8	98.4	68.2	56.2	45.5
300.0	514.6	486.4	423.6	361.4	282.5	210.6	147.9	88.2	76.4	53.7
330.0	509.2	469.3	401.0	288.5	259.1	176.7	116.7	76.3	61.6	50.1
360.0	522.8	503.7	454.9	398.0	325.9	237.9	171.8	108.4	76.4	59.8

C\γ	40.0	41.0	42.0	43.0	44.0	45.0	46.0	47.0	48.0	49.0
0.0	48.3	42.1	38.7	38.1	37.2	36.3	34.2	28.2	21.1	18.7
30.0	40.7	37.3	36.5	35.9	35.3	33.7	29.4	21.4	18.6	17.0
60.0	36.9	35.7	35.2	34.4	33.2	29.7	23.0	19.2	17.2	15.5
90.0	38.3	35.0	34.4	33.6	32.9	31.5	27.8	20.8	18.2	16.6
120.0	35.7	35.0	34.4	33.6	32.4	28.3	20.5	18.1	16.6	14.8
150.0	37.5	36.3	36.0	35.7	34.9	32.6	25.5	19.5	17.5	16.1
180.0	36.7	35.9	35.4	34.6	33.1	28.8	20.7	18.6	16.9	15.0
210.0	38.0	36.5	35.6	34.7	33.4	31.9	27.1	20.1	18.5	16.5
240.0	41.2	37.5	36.6	36.0	35.0	33.9	31.0	25.1	19.7	18.1
270.0	38.9	36.8	36.1	35.5	34.2	32.3	27.2	21.2	18.9	16.9
300.0	44.1	38.9	36.8	35.9	35.1	34.0	32.0	26.5	20.8	18.7
330.0	42.6	38.8	38.1	37.5	36.2	34.6	28.7	22.4	19.4	17.5
360.0	48.3	42.1	38.7	38.1	37.2	36.3	34.2	28.2	21.1	18.7

C\γ	50.0	51.0	52.0	53.0	54.0	55.0	56.0	57.0	58.0	59.0
0.0	16.9	15.3	14.0	13.3	12.5	12.0	11.4	11.0	10.5	10.3
30.0	15.2	13.7	12.8	12.3	11.7	11.3	10.8	10.5	10.1	9.9
60.0	13.9	12.9	12.2	11.7	11.2	10.7	10.4	10.0	9.9	9.7
90.0	14.7	13.2	12.5	11.9	11.3	10.9	10.5	10.2	9.9	9.7
120.0	13.4	12.6	12.0	11.4	10.9	10.5	10.2	9.9	9.8	9.6
150.0	14.3	13.0	12.4	11.8	11.3	10.8	10.5	10.2	10.0	9.8
180.0	13.7	12.8	12.2	11.6	11.2	10.7	10.5	10.3	10.1	9.9
210.0	15.1	13.5	12.9	12.3	11.7	11.3	10.8	10.4	10.2	10.0
240.0	16.4	14.7	13.6	13.0	12.2	11.8	11.2	10.8	10.4	10.2
270.0	15.4	14.0	13.3	12.6	12.1	11.5	11.0	10.6	10.3	10.0
300.0	17.0	15.2	14.1	13.3	12.7	12.1	11.5	11.1	10.6	10.3
330.0	16.0	14.4	13.6	12.9	12.2	11.7	11.1	10.7	10.3	10.1
360.0	16.9	15.3	14.0	13.3	12.5	12.0	11.4	11.0	10.5	10.3

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Intensity Data [cd]

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C\γ	60.0	61.0	62.0	63.0	64.0	65.0	66.0	67.0	68.0	69.0
0.0	10.1	9.9	9.7	9.4	9.1	8.8	8.3	7.8	7.3	6.9
30.0	9.8	9.6	9.3	9.2	8.9	8.5	8.0	7.5	7.0	6.5
60.0	9.5	9.3	9.2	9.0	8.6	8.2	7.8	7.4	6.9	6.4
90.0	9.6	9.4	9.2	9.1	8.9	8.6	8.1	7.7	7.3	6.8
120.0	9.4	9.3	9.2	9.0	8.7	8.2	7.8	7.4	6.9	6.4
150.0	9.7	9.5	9.4	9.2	8.9	8.6	8.1	7.7	7.3	6.8
180.0	9.8	9.6	9.4	9.2	8.8	8.4	7.9	7.5	6.8	6.4
210.0	9.9	9.7	9.4	9.2	8.9	8.5	8.1	7.6	7.1	6.6
240.0	9.9	9.8	9.5	9.2	8.9	8.6	8.2	7.6	7.2	6.7
270.0	9.7	9.5	9.2	8.9	8.6	8.1	7.7	7.1	6.7	6.2
300.0	10.0	9.8	9.5	9.2	8.8	8.5	8.0	7.5	7.1	6.6
330.0	9.8	9.6	9.3	9.1	8.7	8.3	7.8	7.4	6.9	6.4
360.0	10.1	9.9	9.7	9.4	9.1	8.8	8.3	7.8	7.3	6.9

C\γ	70.0	71.0	72.0	73.0	74.0	75.0	76.0	77.0	78.0	79.0
0.0	6.3	5.8	5.2	4.7	4.3	3.6	3.0	1.9	1.2	0.7
30.0	6.0	5.5	5.0	4.5	4.0	3.3	2.5	1.6	0.7	0.6
60.0	5.9	5.4	4.8	4.2	3.6	2.9	1.8	0.9	0.7	0.6
90.0	6.3	5.7	5.2	4.7	4.0	3.3	2.4	1.5	0.8	0.6
120.0	5.9	5.4	4.9	4.3	3.6	2.7	1.7	0.9	0.7	0.6
150.0	6.2	5.7	5.2	4.7	4.0	3.2	2.2	1.4	0.8	0.6
180.0	5.9	5.4	4.8	4.2	3.6	2.7	1.7	0.8	0.6	0.6
210.0	6.0	5.5	4.9	4.4	3.9	3.1	2.1	1.2	0.7	0.6
240.0	6.2	5.7	5.1	4.7	4.2	3.5	3.0	1.8	1.0	0.7
270.0	5.7	5.2	4.7	4.3	3.7	3.0	2.0	1.2	0.7	0.6
300.0	6.1	5.6	5.1	4.7	4.1	3.6	2.9	1.8	1.1	0.7
330.0	5.8	5.3	4.7	4.3	3.9	3.1	2.3	1.3	0.7	0.6
360.0	6.3	5.8	5.2	4.7	4.3	3.6	3.0	1.9	1.2	0.7

C\γ	80.0	81.0	82.0	83.0	84.0	85.0	86.0	87.0	88.0	89.0
0.0	0.6	0.5	0.4	0.4	0.3	0.3	0.2	0.2	0.2	0.1
30.0	0.6	0.5	0.4	0.4	0.3	0.2	0.2	0.2	0.2	0.1
60.0	0.5	0.5	0.4	0.3	0.2	0.2	0.2	0.2	0.1	0.1
90.0	0.6	0.5	0.4	0.4	0.3	0.2	0.2	0.2	0.1	0.1
120.0	0.5	0.4	0.4	0.3	0.2	0.2	0.2	0.2	0.1	0.1
150.0	0.6	0.5	0.4	0.4	0.3	0.2	0.2	0.2	0.1	0.1
180.0	0.5	0.4	0.4	0.3	0.2	0.2	0.1	0.1	0.1	0.1
210.0	0.5	0.5	0.4	0.3	0.2	0.2	0.2	0.2	0.2	0.1
240.0	0.6	0.5	0.5	0.4	0.3	0.2	0.2	0.1	0.1	0.1
270.0	0.5	0.5	0.4	0.3	0.3	0.2	0.2	0.1	0.1	0.1
300.0	0.6	0.5	0.5	0.4	0.3	0.3	0.2	0.2	0.1	0.1
330.0	0.6	0.5	0.4	0.3	0.3	0.2	0.2	0.2	0.1	0.1
360.0	0.6	0.5	0.4	0.4	0.3	0.3	0.2	0.2	0.2	0.1

Intensity Data [cd]

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C\γ	90.0
0.0	0.1
30.0	0.1
60.0	0.1
90.0	0.1
120.0	0.1
150.0	0.1
180.0	0.1
210.0	0.1
240.0	0.0
270.0	0.1
300.0	0.1
330.0	0.1
360.0	0.1

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Zonal flux distribution table

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Gamma [°]	Average I [cd]	Zonal Flux [lm]	Sum Flux [lm]	Effective Flux [lm]	Effective Sum [lm]
0	6283.37	0.00	0.00	0.00	0.00
1	6245.77	5.99	5.99	5.99	5.99
2	6133.31	17.77	23.76	17.77	23.76
3	5950.56	28.90	52.66	28.90	52.66
4	5716.59	39.05	91.72	39.05	91.72
5	5432.02	47.96	139.68	47.96	139.68
6	5060.65	55.14	194.82	55.14	194.82
7	4654.32	60.30	255.12	60.30	255.12
8	4216.58	63.49	318.61	63.49	318.61
9	3745.46	64.53	383.14	64.53	383.14
10	3238.11	63.20	446.33	63.20	446.33
11	2804.14	60.37	506.71	60.37	506.71
12	2371.90	56.58	563.29	56.58	563.29
13	1968.63	51.51	614.80	51.51	614.80
14	1612.85	45.84	660.64	45.84	660.64
15	1361.86	40.84	701.48	40.84	701.48
16	1147.30	36.77	738.25	36.77	738.25
17	1001.63	33.46	771.71	33.46	771.71
18	887.19	31.14	802.86	31.14	802.86
19	800.42	29.36	832.22	29.36	832.22
20	739.04	28.18	860.39	28.18	860.39
21	690.80	27.46	887.85	27.46	887.85
22	653.63	27.02	914.87	27.02	914.87
23	626.02	26.85	941.72	24.67	939.54
24	603.42	26.88	968.60	2.31	941.85
25	585.78	27.04	995.64	0.00	941.85
26	570.71	27.30	1022.94	0.00	941.85
27	557.36	27.60	1050.53	0.00	941.85
28	545.04	27.91	1078.44	0.00	941.85
29	531.37	28.16	1106.61	0.00	941.85
30	503.49	27.94	1134.55	0.00	941.85
31	454.09	26.65	1161.19	0.00	941.85
32	376.17	23.79	1184.98	0.00	941.85
33	305.09	20.07	1205.05	0.00	941.85
34	235.37	16.36	1221.41	0.00	941.85
35	161.55	12.33	1233.73	0.00	941.85
36	108.48	8.60	1242.33	0.00	941.85
37	74.26	5.96	1248.29	0.00	941.85
38	57.90	4.41	1252.70	0.00	941.85
39	46.90	3.58	1256.28	0.00	941.85
40	39.91	3.03	1259.31	0.00	941.85

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Zonal flux distribution table

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Gamma [°]	Average I [cd]	Zonal Flux [lm]	Sum Flux [lm]	Effective Flux [lm]	Effective Sum [lm]
41	37.15	2.74	1262.05	0.00	941.85
42	36.14	2.66	1264.71	0.00	941.85
43	35.45	2.65	1267.37	0.00	941.85
44	34.42	2.64	1270.00	0.00	941.85
45	32.30	2.56	1272.57	0.00	941.85
46	27.26	2.33	1274.90	0.00	941.85
47	21.76	1.95	1276.85	0.00	941.85
48	18.62	1.63	1278.48	0.00	941.85
49	16.79	1.45	1279.93	0.00	941.85
50	15.18	1.33	1281.27	0.00	941.85
51	13.76	1.22	1282.49	0.00	941.85
52	12.96	1.15	1283.64	0.00	941.85
53	12.34	1.10	1284.74	0.00	941.85
54	11.75	1.06	1285.80	0.00	941.85
55	11.28	1.03	1286.83	0.00	941.85
56	10.81	1.00	1287.83	0.00	941.85
57	10.47	0.97	1288.80	0.00	941.85
58	10.18	0.96	1289.75	0.00	941.85
59	9.97	0.94	1290.70	0.00	941.85
60	9.77	0.93	1291.63	0.00	941.85
61	9.58	0.92	1292.55	0.00	941.85
62	9.37	0.91	1293.46	0.00	941.85
63	9.14	0.90	1294.37	0.00	941.85
64	8.82	0.88	1295.25	0.00	941.85
65	8.43	0.85	1296.10	0.00	941.85
66	7.99	0.82	1296.92	0.00	941.85
67	7.51	0.78	1297.70	0.00	941.85
68	7.03	0.74	1298.44	0.00	941.85
69	6.56	0.69	1299.13	0.00	941.85
70	6.03	0.65	1299.78	0.00	941.85
71	5.52	0.60	1300.37	0.00	941.85
72	4.98	0.55	1300.92	0.00	941.85
73	4.47	0.49	1301.41	0.00	941.85
74	3.92	0.44	1301.85	0.00	941.85
75	3.17	0.37	1302.23	0.00	941.85
76	2.29	0.29	1302.52	0.00	941.85
77	1.37	0.20	1302.71	0.00	941.85
78	0.81	0.12	1302.83	0.00	941.85
79	0.63	0.08	1302.91	0.00	941.85
80	0.55	0.06	1302.97	0.00	941.85
81	0.48	0.06	1303.03	0.00	941.85

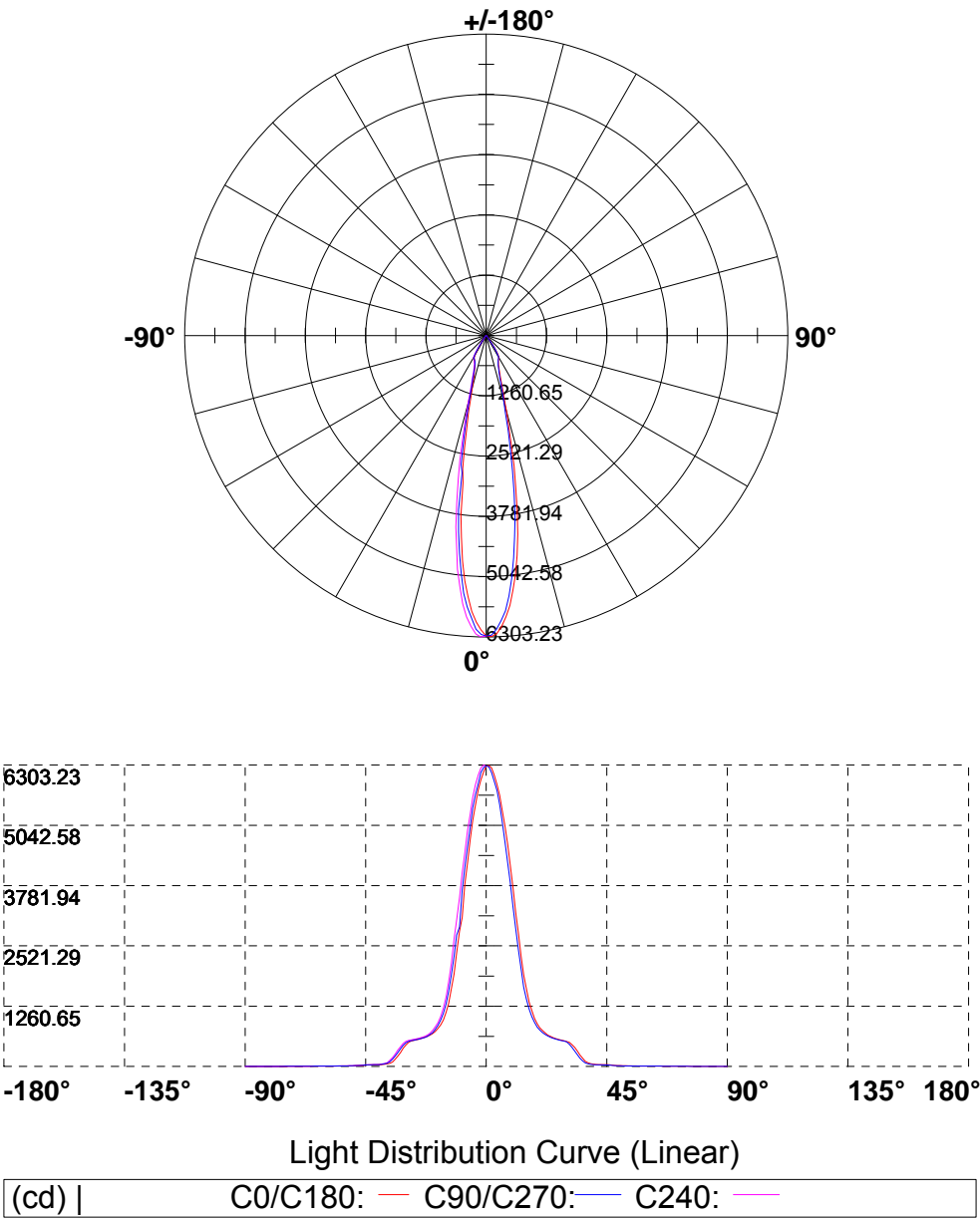
R852 WNL (CRI90 350mA 20D)

Zonal flux distribution table

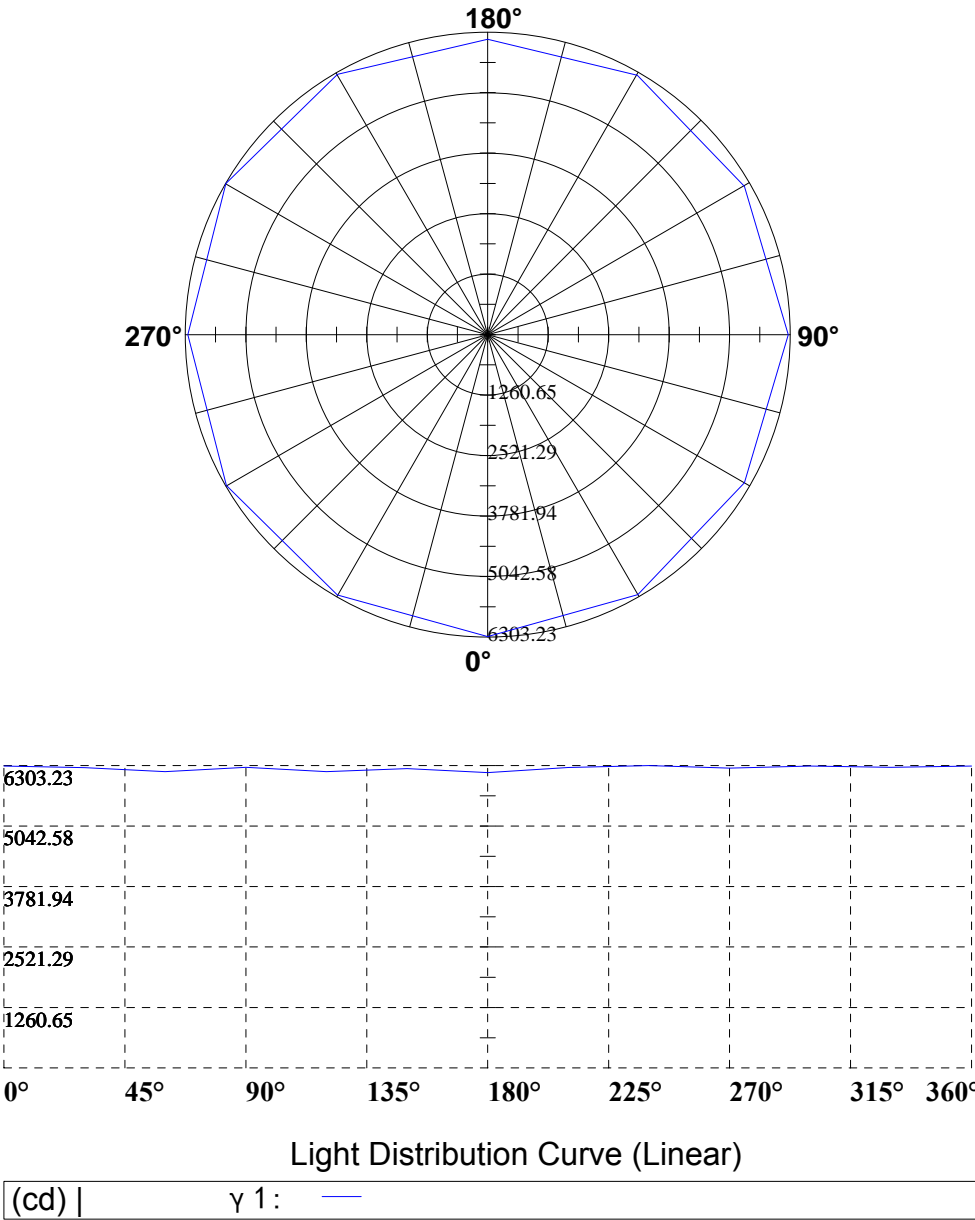
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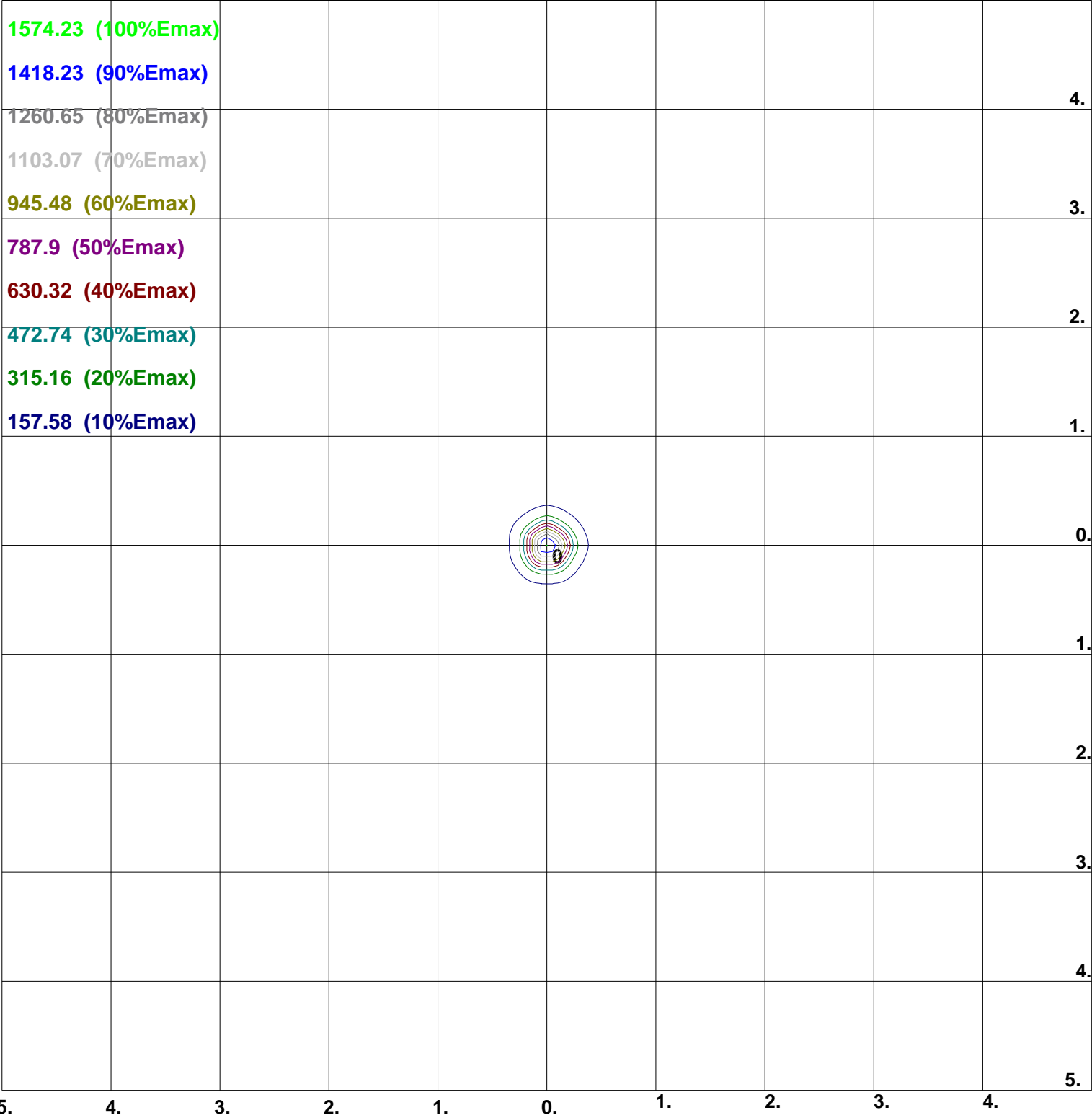
[illegible]

Light Distribution Curve [Unit: cd]



Horizontal cone through Max.cd [Unit: cd]



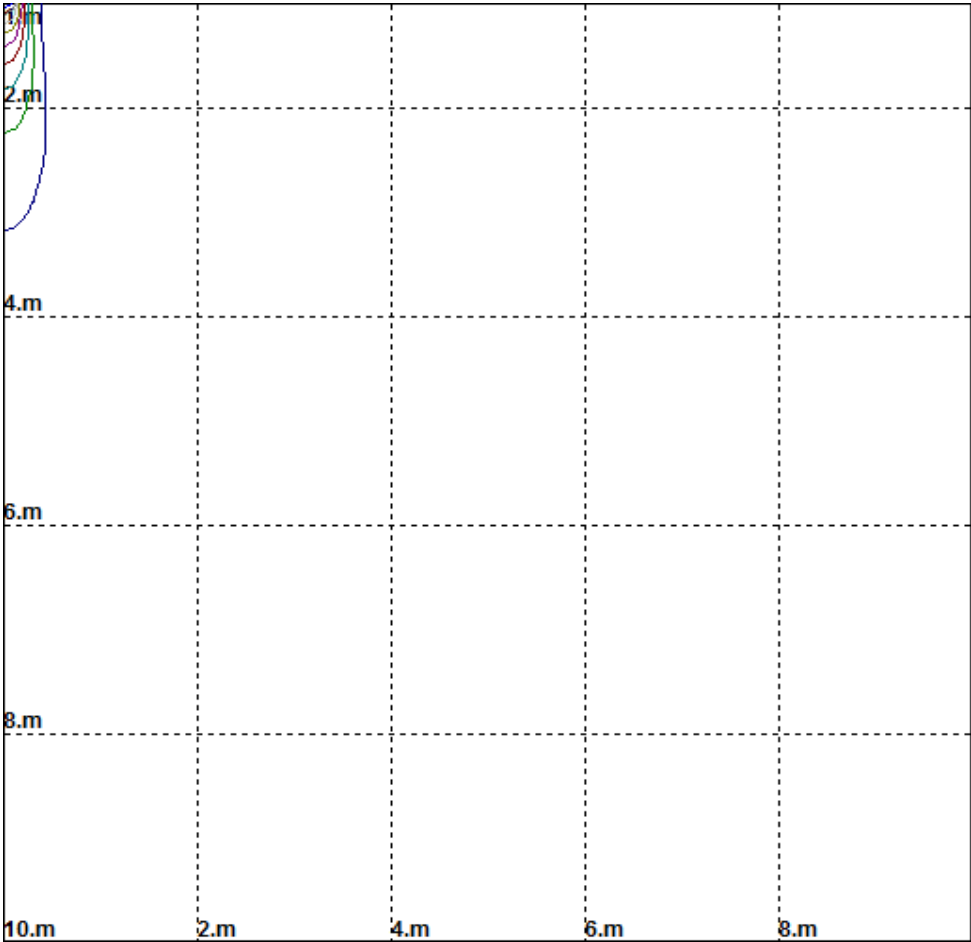


Coordinate Scale: d/h
Height: 2 m
Max Illuminance : 1575.81lx

Space ISO-lx

Unit: [lx]
Illuminance

- 1574.23
- 1418.23
- 1260.65
- 1103.07
- 945.48
- 787.9
- 630.32
- 472.74
- 315.16
- 157.58



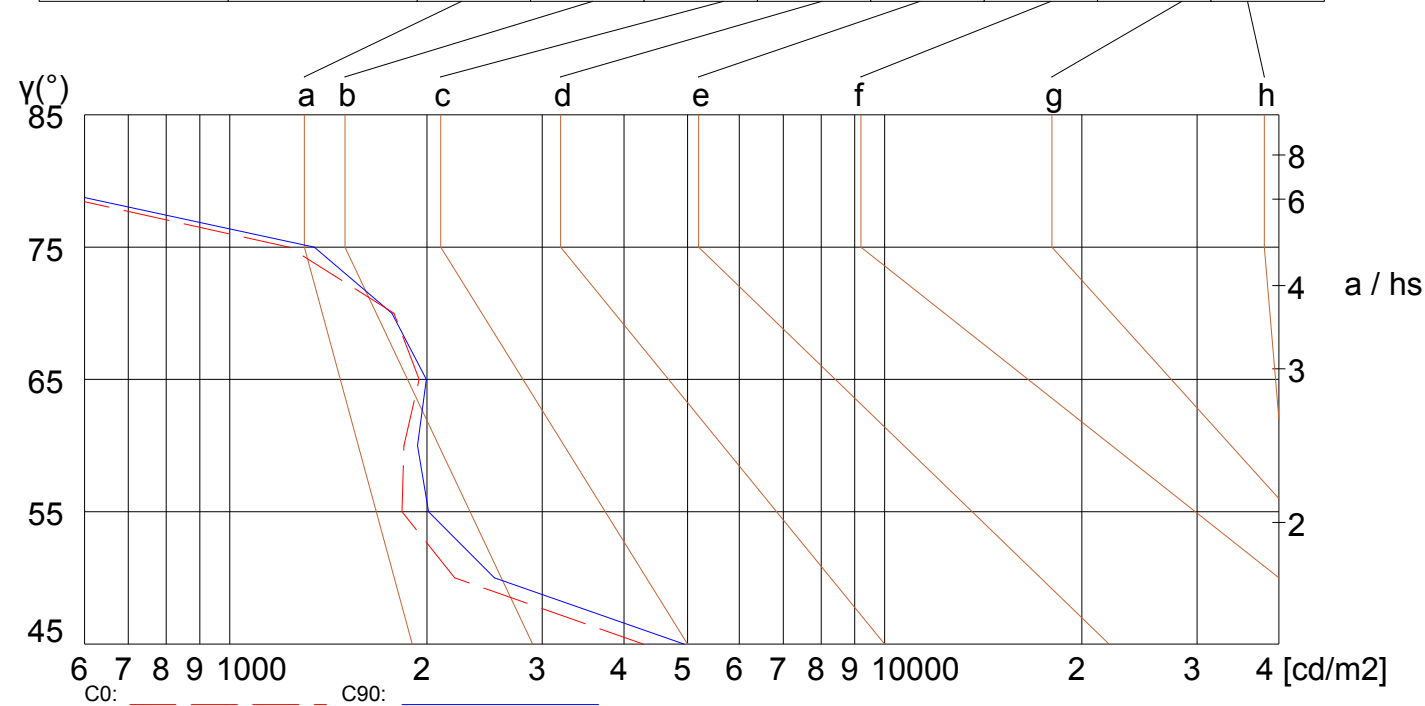
Luminance Limiting Curve (There is not luminous side)

Diameter: 115mm
Length: -115mm
Width: -115mm
Height: 105mm

(cd/m2)

γ	45°	50°	55°	60°	65°	70°	75°	80°	85°
C0	4279	2205	1832	1845	1946	1782	1232	308	226
C90	4939	2534	2012	1935	1996	1769	1346	349	291

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



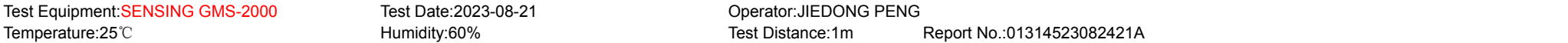
Luminance Limiting Curve (C0/C90)

R852 WNL (CRI90 350mA 20D)

utilization factor table for indoor luminaire

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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	0.94	0.94	0.94	0.91	0.91	0.91	0.87	0.87	0.87	0.84	0.84	0.84	0.80	0.80	0.80	0.79
1	0.91	0.91	0.90	0.90	0.89	0.89	0.86	0.86	0.85	0.82	0.81	0.80	0.76	0.75	0.75	0.71
2	0.87	0.87	0.86	0.86	0.85	0.84	0.83	0.82	0.81	0.79	0.78	0.76	0.74	0.72	0.71	0.67
3	0.84	0.83	0.82	0.82	0.81	0.81	0.79	0.78	0.77	0.76	0.74	0.73	0.72	0.70	0.68	0.65
4	0.80	0.80	0.79	0.79	0.78	0.77	0.76	0.75	0.74	0.73	0.71	0.70	0.69	0.67	0.65	0.62
5	0.77	0.76	0.76	0.76	0.75	0.74	0.74	0.72	0.71	0.71	0.68	0.67	0.67	0.65	0.63	0.60
6	0.74	0.74	0.73	0.73	0.72	0.71	0.71	0.69	0.68	0.68	0.66	0.64	0.65	0.62	0.60	0.57
7	0.72	0.71	0.70	0.71	0.70	0.69	0.68	0.67	0.65	0.66	0.64	0.62	0.63	0.60	0.58	0.55
8	0.69	0.69	0.68	0.68	0.67	0.66	0.66	0.64	0.63	0.64	0.61	0.60	0.61	0.58	0.56	0.54
9	0.67	0.66	0.66	0.66	0.65	0.64	0.64	0.62	0.61	0.62	0.60	0.58	0.59	0.57	0.54	0.52
10	0.65	0.64	0.64	0.64	0.63	0.62	0.62	0.60	0.59	0.60	0.58	0.56	0.58	0.55	0.53	0.50



Operator
Telephone
Fax
e-Mail

R852 WNL (CRI90 350mA 20D) / UGR-Table

Luminaire: R852 WNL (CRI90 350mA 20D)

Lamps: 1 x LUMINUS CLM-9-40-90-36-TC40-F5-2 350mA

Glare Evaluation According to UGR											
ρ Ceiling		70	70	50	50	30	70	70	50	50	30
ρ Walls		50	30	50	30	30	50	30	50	30	30
ρ Floor		20	20	20	20	20	20	20	20	20	20
Room Size X Y		Viewing direction at right angles to lamp axis					Viewing direction parallel to lamp axis				
2H	2H	10.0	10.7	10.3	10.9	11.1	10.0	10.7	10.3	10.9	11.1
	3H	10.0	10.6	10.3	10.9	11.1	10.0	10.6	10.3	10.9	11.1
	4H	10.0	10.6	10.3	10.8	11.1	10.0	10.6	10.3	10.8	11.1
	6H	9.9	10.4	10.2	10.7	11.0	9.9	10.4	10.2	10.7	11.0
	8H	9.9	10.4	10.2	10.7	11.0	9.9	10.4	10.2	10.7	11.0
	12H	9.8	10.3	10.2	10.6	10.9	9.8	10.3	10.2	10.6	10.9
4H	2H	9.9	10.5	10.2	10.7	11.0	9.9	10.5	10.2	10.7	11.0
	3H	9.9	10.4	10.3	10.7	11.0	9.9	10.4	10.3	10.7	11.0
	4H	9.9	10.3	10.3	10.6	11.0	9.9	10.3	10.3	10.6	11.0
	6H	9.8	10.2	10.2	10.5	10.9	9.8	10.2	10.2	10.5	10.9
	8H	9.8	10.1	10.2	10.5	10.9	9.8	10.1	10.2	10.5	10.9
	12H	9.8	10.0	10.2	10.4	10.8	9.8	10.0	10.2	10.4	10.8
8H	4H	9.8	10.1	10.2	10.5	10.9	9.8	10.1	10.2	10.5	10.9
	6H	9.7	10.0	10.2	10.4	10.8	9.7	10.0	10.2	10.4	10.8
	8H	9.7	9.9	10.2	10.3	10.8	9.7	9.9	10.2	10.3	10.8
	12H	9.6	9.8	10.1	10.2	10.7	9.6	9.8	10.1	10.2	10.7
12H	4H	9.8	10.0	10.2	10.4	10.8	9.8	10.0	10.2	10.4	10.8
	6H	9.7	9.9	10.2	10.3	10.8	9.7	9.9	10.2	10.3	10.8
	8H	9.6	9.8	10.1	10.2	10.7	9.6	9.8	10.1	10.2	10.7
Variation of the observer position for the luminaire distances S											
S = 1.0H		+6.2 / -6.6					+6.2 / -6.6				
S = 1.5H		+9.0 / -7.0					+9.0 / -7.0				
S = 2.0H		+10.9 / -7.7					+10.9 / -7.7				
Standard table		BK00					BK00				
Correction Summand		-9.3					-9.3				
Corrected Glare Indices referring to 1658lm Total Luminous Flux											

The UGR values have been calculated according to CIE Publ. 117 Spacing-to-Height-Ratio = 0.25.