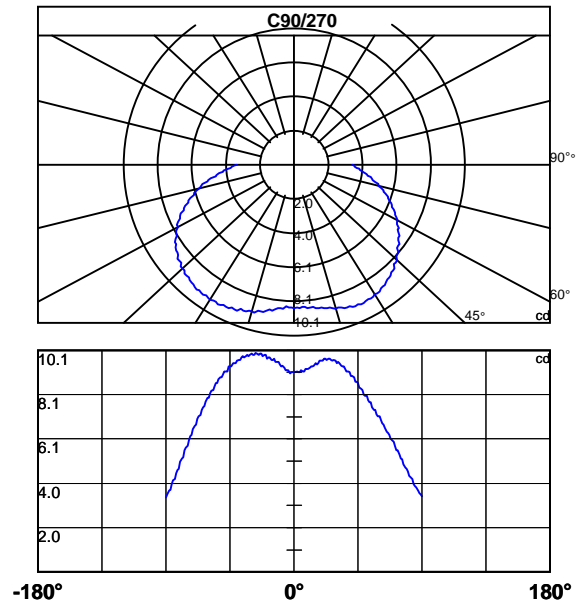
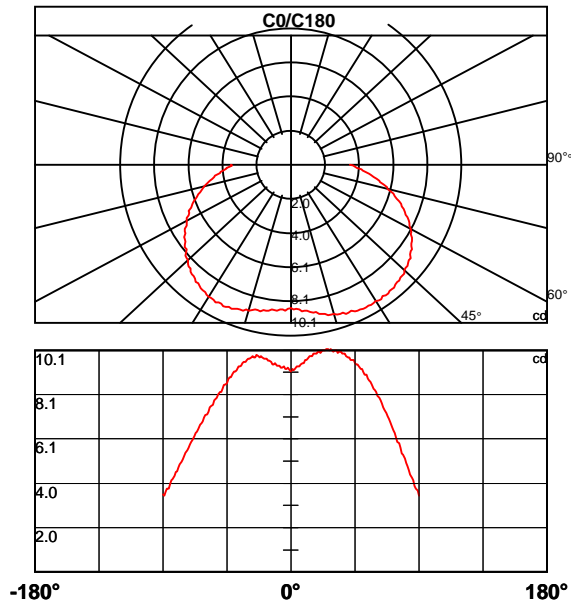


Luminaire Property

Report NO.:	Voltage: 0.0 V
Test NO.:	Current: 0.0 A
Lamp: [LAMP] EST-G4-COB-2W/BT	Power: W
Sum Lumens: 45.74 lm	Power Factor: 0.0
Number of Lamps: 1	Ballast Type:
Diameter: 200mm	Width: 0mm
Length: 0mm	Height: 0mm
Photometric Type: Type C	Remark:

Photometric Results

Lumens: 45.74 lm	Angle of maximum intensity: C:0.0 G:25.0
Efficiency: 100%	Half Peak Side Angle(50%): Left: -101.5 Right:55.5
Central Intensity: 9.126cd	Up Flux Rate: 0.0%
Maximum Intensity: 10.148cd	Down Flux Rate: 100.0%
Beam Angle(10%): Left: -76.1 Right:51.1	



Photometric Data Table [cd]

Cly	0.0	1.0	2.0	3.0	4.0	5.0	6.0	7.0	8.0	9.0
0.0	9.1	9.2	9.2	9.2	9.4	9.4	9.4	9.5	9.5	9.5
45.0	9.1	9.1	9.1	9.1	9.1	9.2	9.1	9.1	9.2	9.2
90.0	9.1	9.1	9.1	9.1	9.1	9.2	9.1	9.1	9.2	9.2
135.0	9.1	9.2	9.3	9.2	9.2	9.4	9.3	9.3	9.4	9.4
180.0	9.1	9.2	9.3	9.2	9.2	9.4	9.3	9.3	9.4	9.4
225.0	9.1	9.1	9.1	9.0	9.2	9.2	9.2	9.3	9.4	9.4
270.0	9.1	9.1	9.1	9.0	9.2	9.2	9.2	9.3	9.4	9.4
315.0	9.1	9.2	9.2	9.2	9.4	9.4	9.4	9.5	9.5	9.5
360.0	9.1	9.2	9.2	9.2	9.4	9.4	9.4	9.5	9.5	9.5

Cly	10.0	11.0	12.0	13.0	14.0	15.0	16.0	17.0	18.0	19.0
0.0	9.7	9.7	9.7	9.8	9.8	9.8	9.9	9.9	9.9	10.0
45.0	9.2	9.3	9.4	9.4	9.4	9.5	9.5	9.5	9.6	9.6
90.0	9.2	9.3	9.4	9.4	9.4	9.5	9.5	9.5	9.6	9.6
135.0	9.4	9.5	9.5	9.5	9.6	9.6	9.6	9.7	9.7	9.7
180.0	9.4	9.5	9.5	9.5	9.6	9.6	9.6	9.7	9.7	9.7
225.0	9.5	9.6	9.6	9.6	9.7	9.7	9.7	9.8	9.8	9.7
270.0	9.5	9.6	9.6	9.6	9.7	9.7	9.7	9.8	9.8	9.7
315.0	9.7	9.7	9.7	9.8	9.8	9.8	9.9	9.9	9.9	10.0
360.0	9.7	9.7	9.7	9.8	9.8	9.8	9.9	9.9	9.9	10.0

Cly	20.0	21.0	22.0	23.0	24.0	25.0	26.0	27.0	28.0	29.0
0.0	10.0	10.0	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1
45.0	9.6	9.7	9.7	9.7	9.7	9.7	9.7	9.6	9.7	9.6
90.0	9.6	9.7	9.7	9.7	9.7	9.7	9.7	9.6	9.7	9.6
135.0	9.8	9.8	9.8	9.8	9.9	9.8	9.8	9.8	9.8	9.7
180.0	9.8	9.8	9.8	9.8	9.9	9.8	9.8	9.8	9.8	9.7
225.0	9.9	9.9	9.8	9.9	9.9	9.9	9.9	10.0	9.9	9.9
270.0	9.9	9.9	9.8	9.9	9.9	9.9	9.9	10.0	9.9	9.9
315.0	10.0	10.0	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1
360.0	10.0	10.0	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1

Cly	30.0	31.0	32.0	33.0	34.0	35.0	36.0	37.0	38.0	39.0
0.0	10.0	10.1	10.1	10.0	10.0	10.0	9.9	9.9	9.9	9.8
45.0	9.5	9.6	9.5	9.4	9.4	9.4	9.2	9.1	9.1	9.1
90.0	9.5	9.6	9.5	9.4	9.4	9.4	9.2	9.1	9.1	9.1
135.0	9.7	9.7	9.6	9.6	9.5	9.4	9.4	9.4	9.2	9.1
180.0	9.7	9.7	9.6	9.6	9.5	9.4	9.4	9.4	9.2	9.1
225.0	9.9	9.9	9.8	9.9	9.8	9.8	9.8	9.8	9.7	9.7
270.0	9.9	9.9	9.8	9.9	9.8	9.8	9.8	9.8	9.7	9.7
315.0	10.0	10.1	10.1	10.0	10.0	10.0	9.9	9.9	9.9	9.8
360.0	10.0	10.1	10.1	10.0	10.0	10.0	9.9	9.9	9.9	9.8

Photometric Data Table [cd]

Cly	40.0	41.0	42.0	43.0	44.0	45.0	46.0	47.0	48.0	49.0
0.0	9.8	9.8	9.7	9.7	9.7	9.5	9.5	9.5	9.4	9.2
45.0	8.9	8.9	8.9	8.7	8.7	8.6	8.4	8.4	8.3	8.1
90.0	8.9	8.9	8.9	8.7	8.7	8.6	8.4	8.4	8.3	8.1
135.0	9.1	9.0	8.9	8.9	8.8	8.6	8.6	8.5	8.4	8.2
180.0	9.1	9.0	8.9	8.9	8.8	8.6	8.6	8.5	8.4	8.2
225.0	9.6	9.5	9.5	9.5	9.4	9.4	9.4	9.1	9.1	9.1
270.0	9.6	9.5	9.5	9.5	9.4	9.4	9.4	9.1	9.1	9.1
315.0	9.8	9.8	9.7	9.7	9.7	9.5	9.5	9.5	9.4	9.2
360.0	9.8	9.8	9.7	9.7	9.7	9.5	9.5	9.5	9.4	9.2

Cly	50.0	51.0	52.0	53.0	54.0	55.0	56.0	57.0	58.0	59.0
0.0	9.2	9.1	9.0	9.0	8.8	8.7	8.7	8.6	8.4	8.3
45.0	8.0	8.0	7.8	7.7	7.7	7.5	7.4	7.4	7.2	7.1
90.0	8.0	8.0	7.8	7.7	7.7	7.5	7.4	7.4	7.2	7.1
135.0	8.2	8.1	7.9	7.9	7.8	7.6	7.6	7.5	7.3	7.2
180.0	8.2	8.1	7.9	7.9	7.8	7.6	7.6	7.5	7.3	7.2
225.0	9.0	8.9	8.9	8.8	8.6	8.6	8.5	8.3	8.2	8.1
270.0	9.0	8.9	8.9	8.8	8.6	8.6	8.5	8.3	8.2	8.1
315.0	9.2	9.1	9.0	9.0	8.8	8.7	8.7	8.6	8.4	8.3
360.0	9.2	9.1	9.0	9.0	8.8	8.7	8.7	8.6	8.4	8.3

Cly	60.0	61.0	62.0	63.0	64.0	65.0	66.0	67.0	68.0	69.0
0.0	8.2	8.0	7.9	7.8	7.7	7.5	7.4	7.2	7.1	7.0
45.0	7.1	6.9	6.8	6.7	6.6	6.4	6.3	6.2	6.1	6.0
90.0	7.1	6.9	6.8	6.7	6.6	6.4	6.3	6.2	6.1	6.0
135.0	7.1	7.0	6.9	6.8	6.7	6.5	6.4	6.3	6.2	6.0
180.0	7.1	7.0	6.9	6.8	6.7	6.5	6.4	6.3	6.2	6.0
225.0	7.9	7.9	7.8	7.6	7.5	7.4	7.1	7.1	7.0	6.7
270.0	7.9	7.9	7.8	7.6	7.5	7.4	7.1	7.1	7.0	6.7
315.0	8.2	8.0	7.9	7.8	7.7	7.5	7.4	7.2	7.1	7.0
360.0	8.2	8.0	7.9	7.8	7.7	7.5	7.4	7.2	7.1	7.0

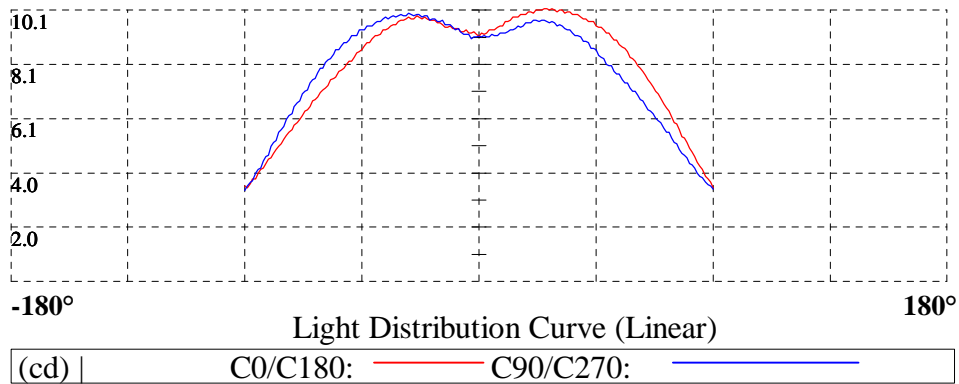
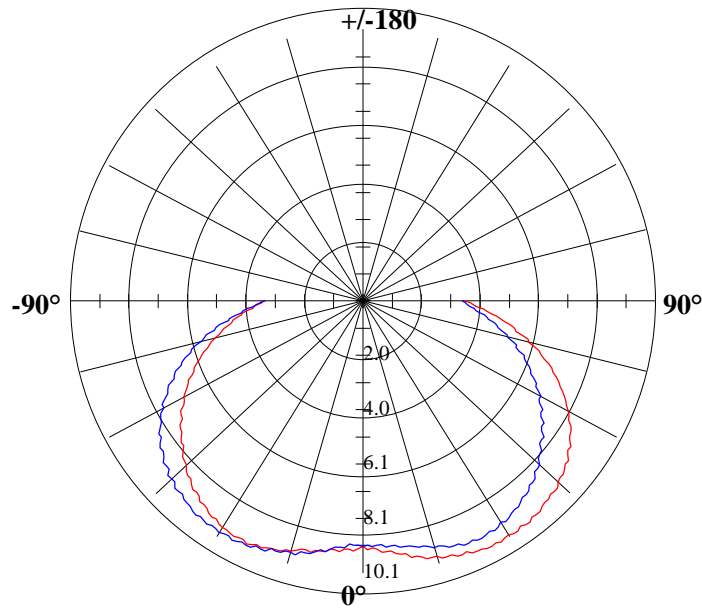
Cly	70.0	71.0	72.0	73.0	74.0	75.0	76.0	77.0	78.0	79.0
0.0	6.8	6.6	6.4	6.3	6.1	5.9	5.9	5.7	5.4	5.3
45.0	5.9	5.7	5.6	5.6	5.3	5.2	5.1	4.9	4.8	4.7
90.0	5.9	5.7	5.6	5.6	5.3	5.2	5.1	4.9	4.8	4.7
135.0	5.9	5.8	5.7	5.6	5.4	5.3	5.1	5.0	4.9	4.8
180.0	5.9	5.8	5.7	5.6	5.4	5.3	5.1	5.0	4.9	4.8
225.0	6.7	6.5	6.2	6.2	6.0	5.8	5.7	5.6	5.2	5.2
270.0	6.7	6.5	6.2	6.2	6.0	5.8	5.7	5.6	5.2	5.2
315.0	6.8	6.6	6.4	6.3	6.1	5.9	5.9	5.7	5.4	5.3
360.0	6.8	6.6	6.4	6.3	6.1	5.9	5.9	5.7	5.4	5.3

Photometric Data Table [cd]

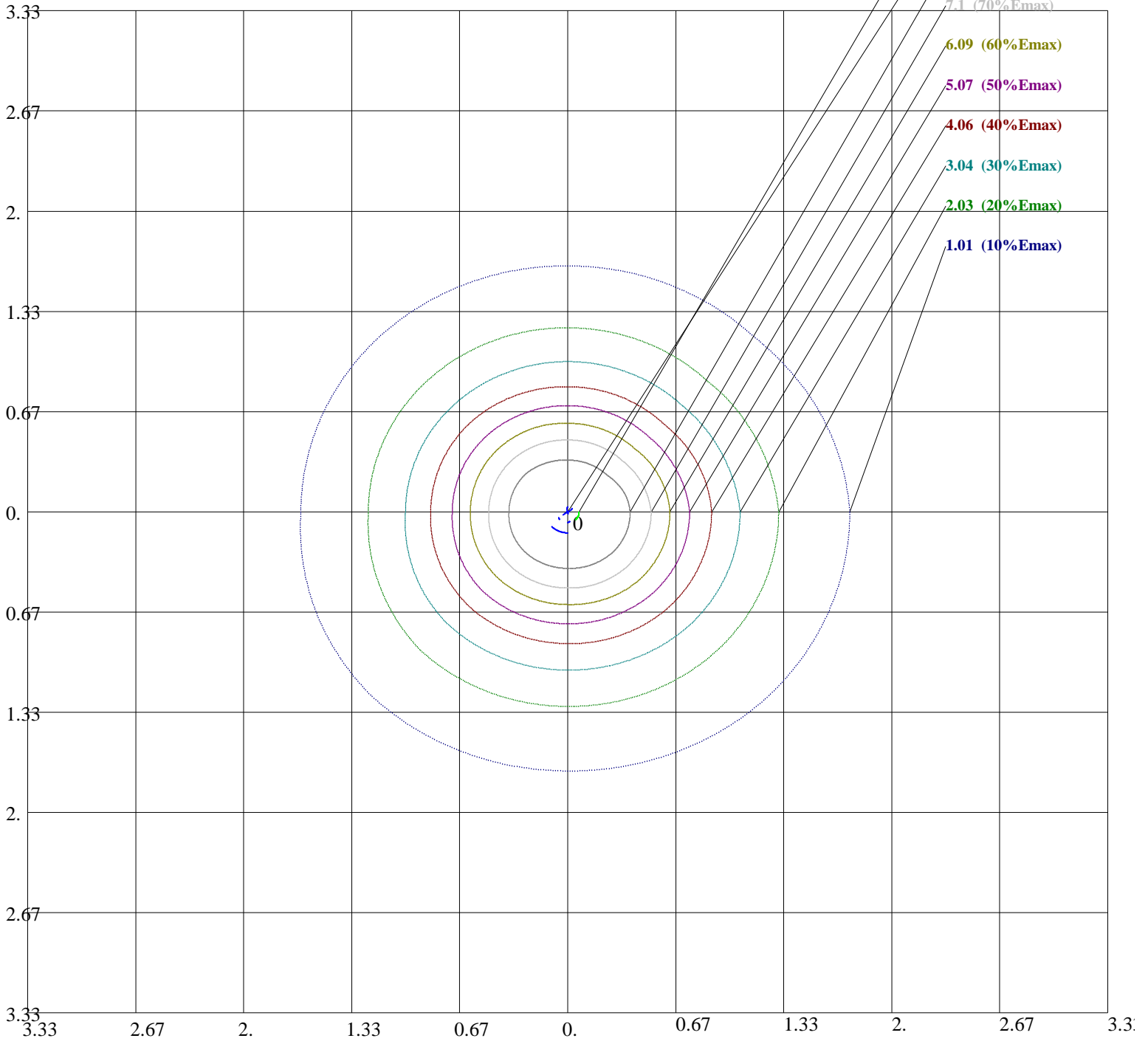
C\γ	80.0	81.0	82.0	83.0	84.0	85.0	86.0	87.0	88.0	89.0
0.0	5.2	5.0	4.8	4.7	4.4	4.3	4.2	3.9	3.8	3.7
45.0	4.6	4.4	4.3	4.2	4.0	3.9	3.9	3.7	3.6	3.5
90.0	4.6	4.4	4.3	4.2	4.0	3.9	3.9	3.7	3.6	3.5
135.0	4.6	4.5	4.4	4.2	4.2	4.0	3.8	3.8	3.6	3.5
180.0	4.6	4.5	4.4	4.2	4.2	4.0	3.8	3.8	3.6	3.5
225.0	5.0	4.7	4.7	4.5	4.2	4.2	4.0	3.8	3.7	3.5
270.0	5.0	4.7	4.7	4.5	4.2	4.2	4.0	3.8	3.7	3.5
315.0	5.2	5.0	4.8	4.7	4.4	4.3	4.2	3.9	3.8	3.7
360.0	5.2	5.0	4.8	4.7	4.4	4.3	4.2	3.9	3.8	3.7

C\γ	90.0
0.0	3.5
45.0	3.4
90.0	3.4
135.0	3.5
180.0	3.5
225.0	3.4
270.0	3.4
315.0	3.5
360.0	3.5

Light Distribution Curve [Unit: cd]



Iso-Lux[lx]



Height: 1 m
Max Illuminance : 10.15lx

Luminance Limiting Curve

Diameter: 200mm

Length: 0mm

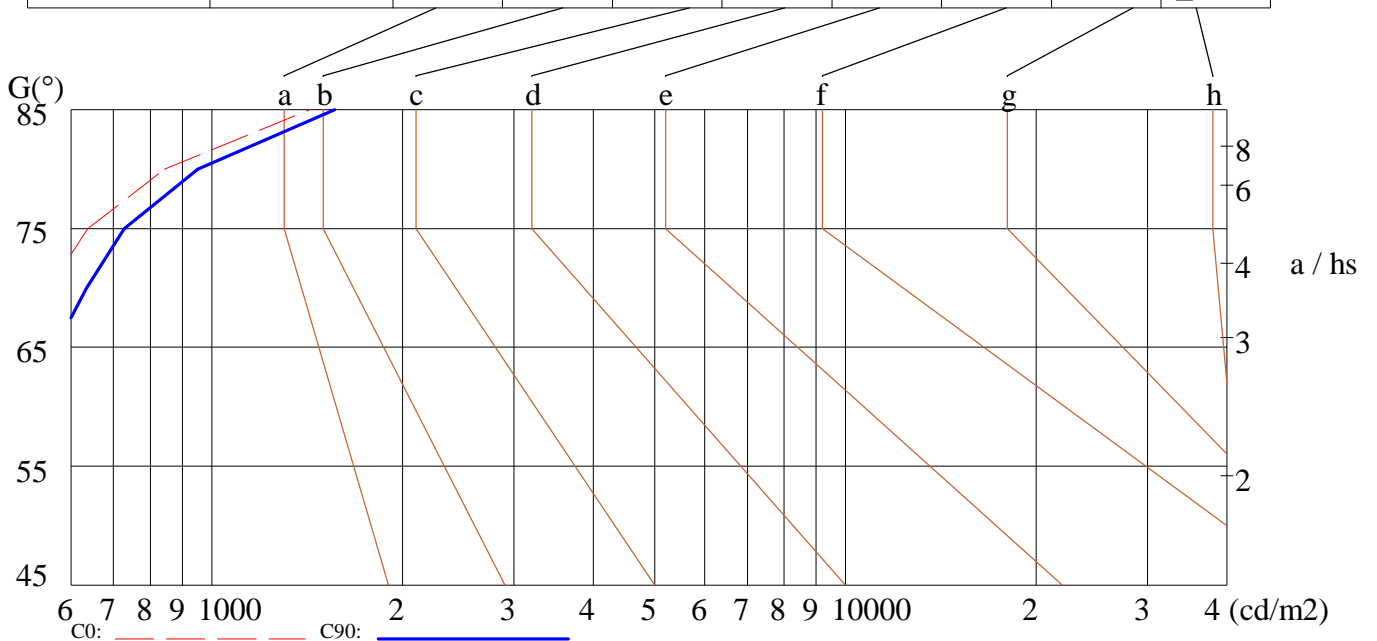
Width: 0mm

Height: 0mm

(cd/m²)

γ	45°	50°	55°	60°	65°	70°	75°	80°	85°
C0	388	398	417	451	482	551	637	843	1429
C90	428	458	484	522	566	635	728	950	1564

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. Limiting Curve (C0/C90)

Lux-Distance Curve

