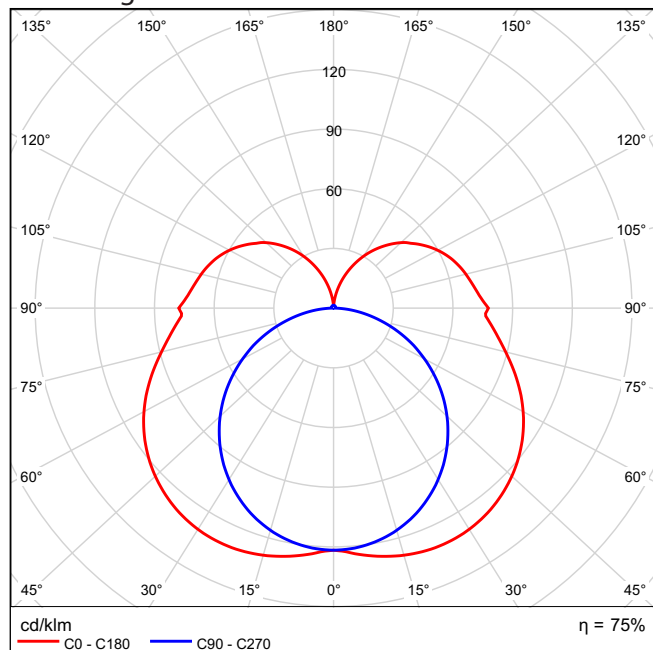


Polar diagram



UGR diagram

Glare evaluation according to UGR

p Ceiling		70	70	50	50	30	70	70	50	50	30
p Walls		50	30	50	30	30	50	30	50	30	30
p 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	21.7	22.8	22.4	23.5	24.3	19.9	21.1	20.6	21.7	22.5
	3H	24.0	25.0	24.7	25.7	26.5	21.5	22.5	22.2	23.2	24.0
	4H	25.2	26.1	25.9	26.8	27.7	22.1	23.1	22.8	23.8	24.6
	6H	26.3	27.2	27.0	27.9	28.8	22.6	23.5	23.3	24.2	25.1
	8H	26.9	27.7	27.6	28.5	29.3	22.8	23.6	23.5	24.4	25.2
	12H	27.4	28.3	28.2	29.0	29.9	22.9	23.7	23.6	24.4	25.3
4H	2H	22.3	23.2	23.0	24.0	24.8	21.0	22.0	21.7	22.7	23.5
	3H	24.8	25.6	25.5	26.4	27.3	22.8	23.6	23.5	24.4	25.3
	4H	26.1	26.9	26.9	27.6	28.6	23.6	24.4	24.4	25.1	26.0
	6H	27.5	28.1	28.3	28.9	29.9	24.3	24.9	25.0	25.7	26.7
	8H	28.1	28.8	28.9	29.6	30.5	24.5	25.1	25.3	25.9	26.9
	12H	28.8	29.4	29.6	30.2	31.2	24.7	25.2	25.5	26.0	27.0
8H	4H	26.4	27.1	27.2	27.9	28.8	24.4	25.0	25.2	25.8	26.7
	6H	28.0	28.5	28.9	29.4	30.4	25.3	25.8	26.1	26.7	27.7
	8H	28.9	29.3	29.7	30.2	31.2	25.7	26.2	26.6	27.0	28.0
	12H	29.7	30.1	30.6	31.0	32.0	26.0	26.4	26.9	27.3	28.3
12H	4H	26.5	27.0	27.3	27.8	28.8	24.6	25.1	25.4	25.9	26.9
	6H	28.1	28.6	29.0	29.4	30.4	25.6	26.1	26.5	26.9	27.9
	8H	29.0	29.4	29.9	30.3	31.3	26.2	26.6	27.0	27.4	28.4

Variation of the observer position for the luminaire distances S

S = 1.0H	+0.1 / -0.1	+0.1 / -0.1
S = 1.5H	+0.2 / -0.2	+0.2 / -0.3
S = 2.0H	+0.3 / -0.4	+0.4 / -0.6
Standard table	BK10	BK14
Correction summand	12.7	8.6
Corrected glare indices referring to 1068lm Total luminous flux		

The UGR values are calculated in acc. with CIE Publ. 117. Spacing-to-Height-Ratio = 0.25