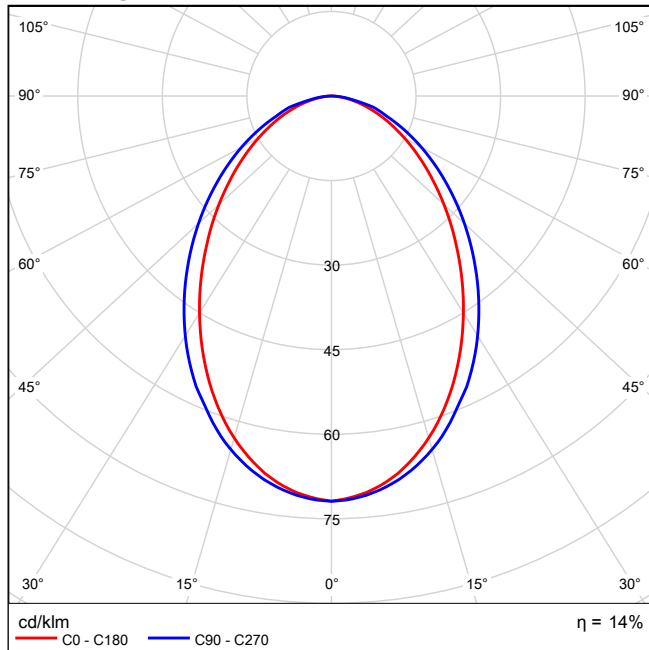
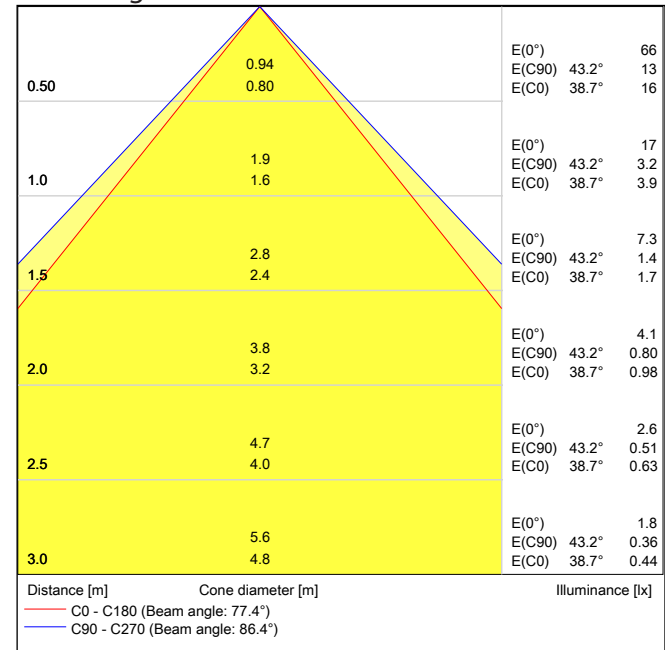


Polar diagram



Cone diagram



UGR diagram

Glare evaluation according to UGR												
ρ Ceiling	70	70	50	50	30	70	70	50	50	30	70	70
ρ Walls	50	30	50	30	30	50	30	50	30	30	50	30
ρ Floor	20	20	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	10.9	12.1	11.2	12.3	12.6	12.7	13.9	13.0	14.1	14.4	
	3H	11.7	12.8	12.0	13.0	13.3	13.9	15.0	14.2	15.2	15.5	
	4H	12.0	13.0	12.3	13.2	13.5	14.4	15.4	14.7	15.6	15.9	
	6H	12.1	13.0	12.4	13.3	13.6	14.6	15.6	15.0	15.9	16.2	
	8H	12.1	13.0	12.5	13.3	13.6	14.7	15.6	15.1	15.9	16.2	
4H	12H	12.1	12.9	12.5	13.3	13.6	14.7	15.6	15.1	15.9	16.3	
	2H	11.5	12.5	11.8	12.8	13.1	13.0	14.0	13.3	14.3	14.6	
	3H	12.4	13.3	12.8	13.6	13.9	14.3	15.2	14.7	15.5	15.8	
	4H	12.8	13.5	13.2	13.9	14.2	14.9	15.6	15.3	16.0	16.3	
	6H	13.0	13.6	13.4	14.0	14.4	15.2	15.9	15.6	16.3	16.6	
8H	8H	13.0	13.6	13.4	14.0	14.4	15.3	15.9	15.8	16.3	16.7	
	12H	13.0	13.5	13.4	13.9	14.4	15.4	15.9	15.8	16.3	16.8	
	4H	13.0	13.6	13.4	13.9	14.4	14.9	15.5	15.3	15.9	16.3	
	6H	13.2	13.7	13.7	14.1	14.6	15.3	15.8	15.8	16.3	16.7	
	8H	13.3	13.7	13.8	14.2	14.6	15.5	15.9	16.0	16.3	16.8	
12H	12H	13.3	13.7	13.8	14.1	14.6	15.6	15.9	16.0	16.4	16.9	
	4H	13.0	13.5	13.4	13.9	14.3	14.9	15.4	15.3	15.8	16.3	
	6H	13.2	13.7	13.7	14.1	14.6	15.3	15.8	15.8	16.2	16.7	
	8H	13.3	13.7	13.8	14.1	14.6	15.5	15.8	16.0	16.3	16.8	
	12H	13.3	13.7	13.8	14.1	14.6	15.5	15.8	16.0	16.3	16.8	
Variation of the observer position for the luminaire distances S												
S = 1.0H S = 1.5H S = 2.0H	+0.3 / -0.4 +0.5 / -1.0 +1.0 / -1.7					+0.1 / -0.2 +0.4 / -0.6 +1.1 / -1.3						
Standard table	BK03					BK04						
Correction summand	-11.4					-8.7						
Corrected glare indices referring to 230lm Total luminous flux												

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