

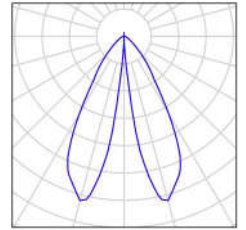
Project 1

Baltijas Elektro Sabiedrība SIA
Krustpils 38A, LV-1057 Rīga

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Project 1 / Luminaire parts list

1 Pieces BEGA 77844 LED 36,2W
Article No.: 77844
Luminous flux (Luminaire): 2162 lm
Luminous flux (Lamps): 2162 lm
Luminaire Wattage: 42.0 W
Luminaire classification according to CIE: 100
CIE flux code: 83 96 99 100 100
Fitting: 1 x LED 36,2W (Correction Factor 1.000).



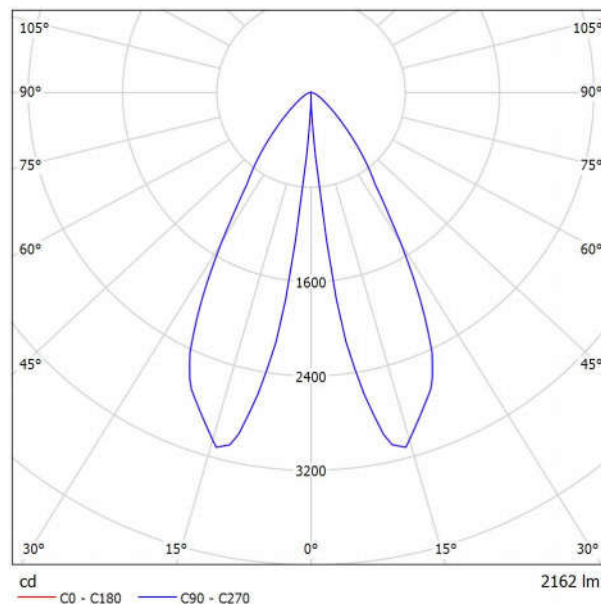
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BEGA 77844 LED 36,2W / Luminaire Data Sheet

Luminous emittance 1:



Luminaire classification according to CIE: 100
CIE flux code: 83 96 99 100 100

LED-Lichtbauelement mit quadratischem Grundriss und symmetrischer
Lichtstärkeverteilung, vierseitig breitstreuend, dimmbar 1-10 V, mit Tür und
Anschlusskasten

Luminous emittance 1:

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	14.9	15.8	15.2	16.0	16.2	14.9	15.8	15.2	16.0	16.2
	3H	16.1	16.9	16.4	17.1	17.4	16.1	16.9	16.4	17.1	17.4
	4H	16.6	17.3	16.9	17.6	17.9	16.6	17.3	16.9	17.6	17.9
	6H	17.0	17.7	17.4	18.0	18.3	17.0	17.7	17.4	18.0	18.3
	8H	17.2	17.8	17.6	18.1	18.5	17.2	17.8	17.6	18.1	18.5
4H	12H	17.4	18.0	17.7	18.3	18.6	17.4	18.0	17.7	18.3	18.6
	2H	14.8	15.5	15.1	15.8	16.1	14.8	15.5	15.1	15.8	16.1
	3H	16.1	16.7	16.5	17.0	17.4	16.1	16.7	16.5	17.0	17.4
	4H	16.7	17.3	17.1	17.6	18.0	16.7	17.3	17.1	17.6	18.0
	6H	17.3	17.8	17.7	18.1	18.5	17.3	17.8	17.7	18.1	18.5
8H	12H	17.6	18.0	18.0	18.4	18.8	17.6	18.0	18.0	18.4	18.8
	12H	17.8	18.2	18.3	18.6	19.0	17.8	18.2	18.3	18.6	19.0
	4H	16.7	17.1	17.2	17.5	17.9	16.7	17.1	17.2	17.5	17.9
	6H	17.4	17.7	17.8	18.1	18.6	17.4	17.7	17.8	18.1	18.6
	8H	17.7	18.0	18.2	18.4	18.9	17.7	18.0	18.2	18.4	18.9
12H	12H	18.1	18.3	18.6	18.8	19.3	18.1	18.3	18.6	18.8	19.3
	4H	16.7	17.1	17.2	17.5	17.9	16.7	17.1	17.2	17.5	17.9
	6H	17.4	17.7	17.9	18.1	18.6	17.4	17.7	17.9	18.1	18.6
12H	8H	17.7	18.0	18.2	18.4	18.9	17.7	18.0	18.2	18.4	18.9
	12H	18.1	18.3	18.6	18.8	19.3	18.1	18.3	18.6	18.8	19.3
Variation of the observer position for the luminaire distances S											
S = 1.0H		+2.6 / -1.5					+2.6 / -1.5				
S = 1.5H		+4.8 / -2.3					+4.8 / -2.3				
S = 2.0H		+6.6 / +3.1					+6.6 / -3.1				
Standard table		BK02					BK02				
Correction Summand		-1.0					-1.0				
Corrected Glare Indices referring to 2162lm Total Luminous Flux											

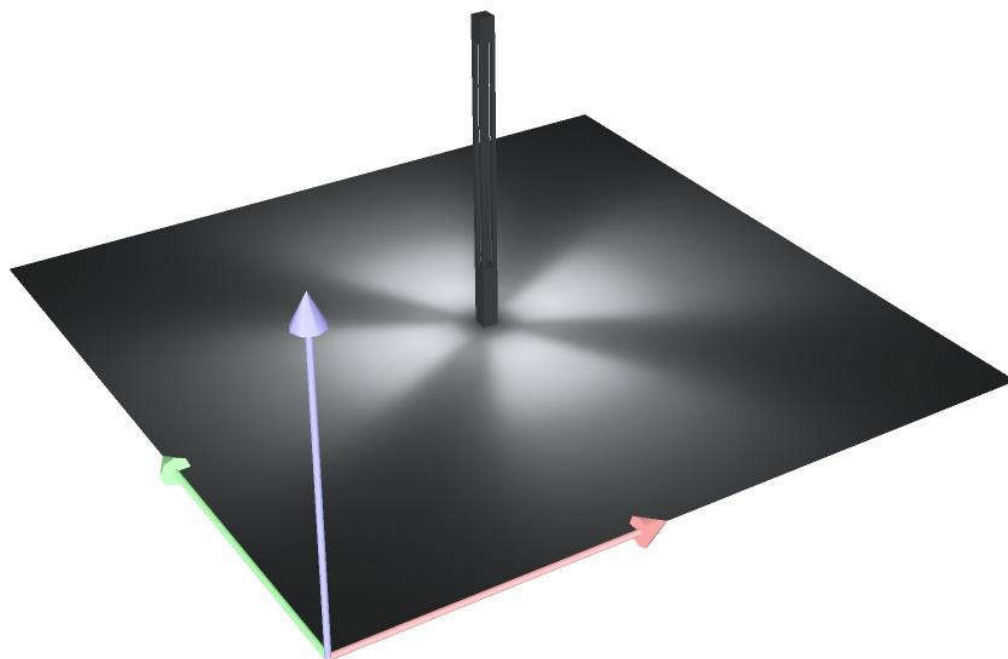
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Exterior Scene 1 / 3D Rendering



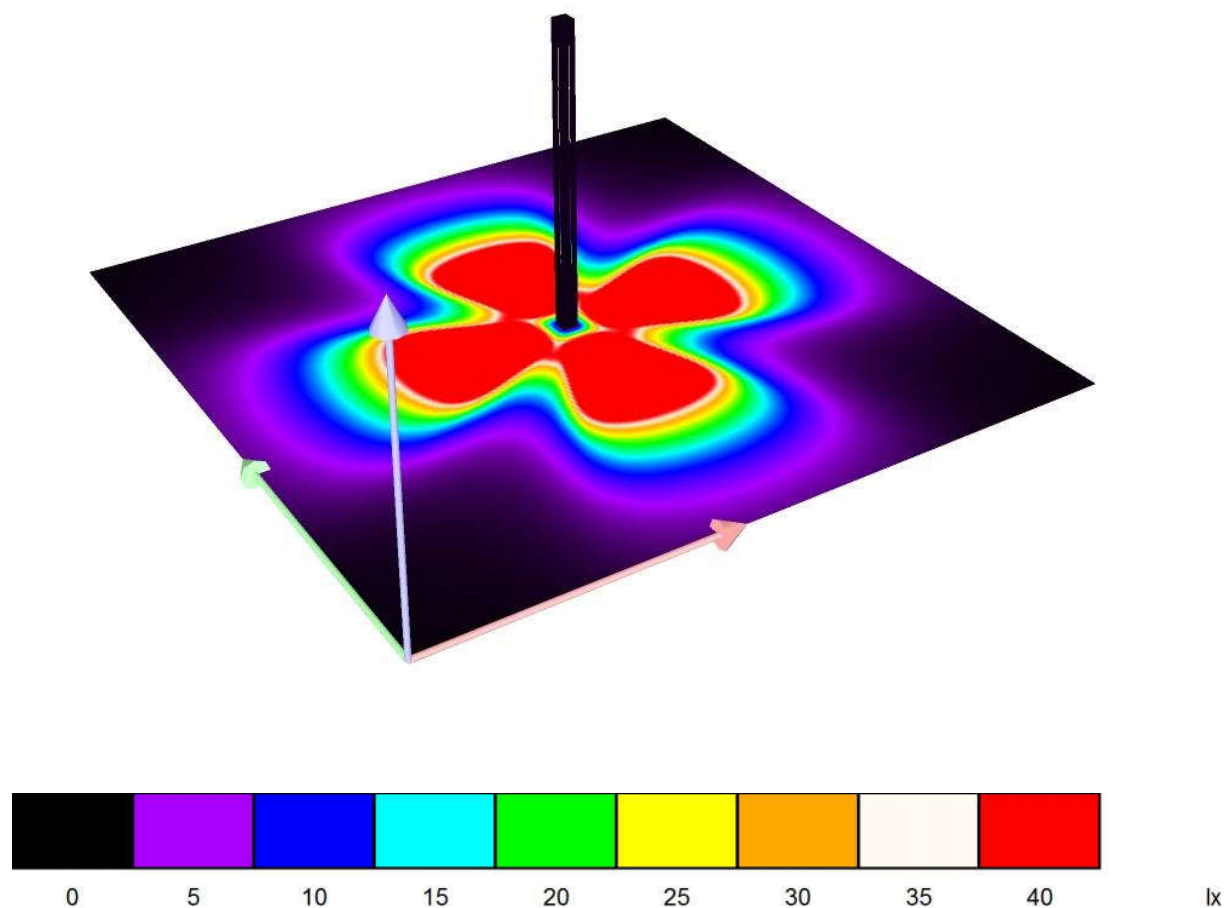
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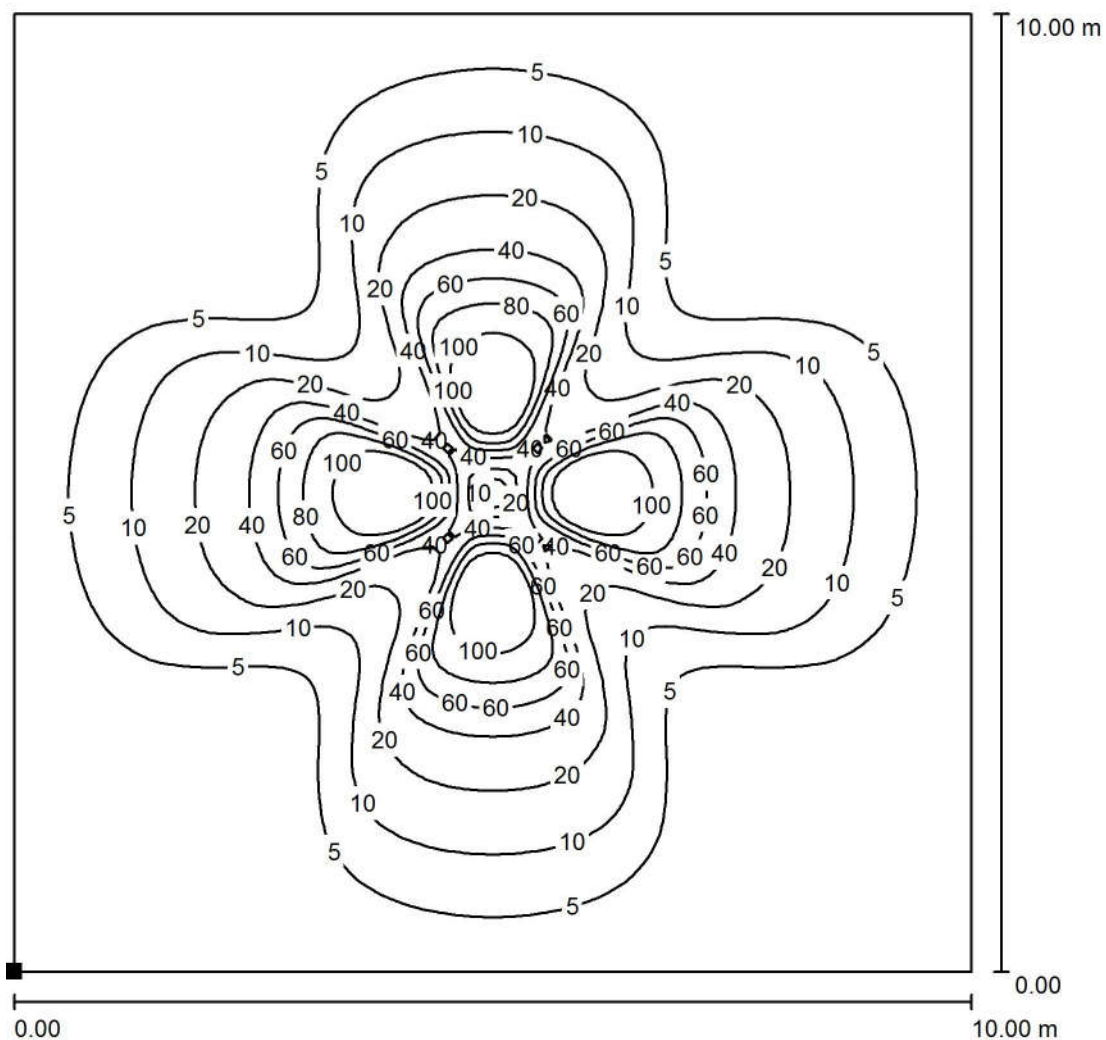
Exterior Scene 1 / False Colour Rendering



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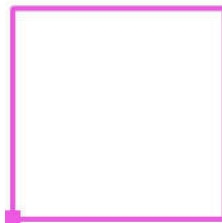
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Exterior Scene 1 / Ground Element 1 / Surface 1 / Isolines (E)



Values in Lux, Scale 1 : 79

Position of surface in external scene:
 Marked point:
 (0.000 m, 0.000 m, 0.000 m)



Grid: 128 x 128 Points

E_{av} [lx]
 16

E_{min} [lx]
 0.23

E_{max} [lx]
 131

u_0
 0.014

E_{min} / E_{max}
 0.002