

Ashton

Lighting

Designer: Daniel Hedberg
Order No.: 0297
Company : Green Frog Connect
Project : Ashton

Date: 31.10.2023
Operator:

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Ashton

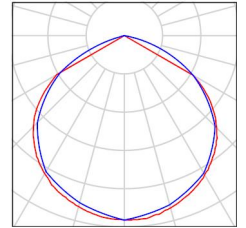
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Ashton / Luminaire parts list

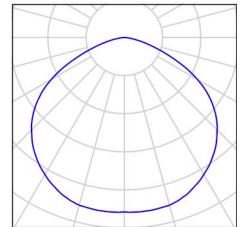
2 Pieces Saxby Lighting 30W LED flood light Surge 30W
LED flood light
Article No.: 30W LED flood light
Luminous flux (Luminaire): 2511 lm
Luminous flux (Lamps): 2511 lm
Luminaire Wattage: 30.1 W
Luminaire classification according to CIE: 100
CIE flux code: 52 87 99 100 100
Fitting: 1 x 30W LED flood light (Correction
Factor 1.000).

See our luminaire
catalog for an image of
the luminaire.



7 Pieces Saxby Lighting 50W LED flood light Surge 50W
LED flood light
Article No.: 50W LED flood light
Luminous flux (Luminaire): 4544 lm
Luminous flux (Lamps): 4204 lm
Luminaire Wattage: 49.7 W
Luminaire classification according to CIE: 100
CIE flux code: 49 83 98 100 108
Fitting: 1 x 50W LED flood light (Correction
Factor 1.000).

See our luminaire
catalog for an image of
the luminaire.

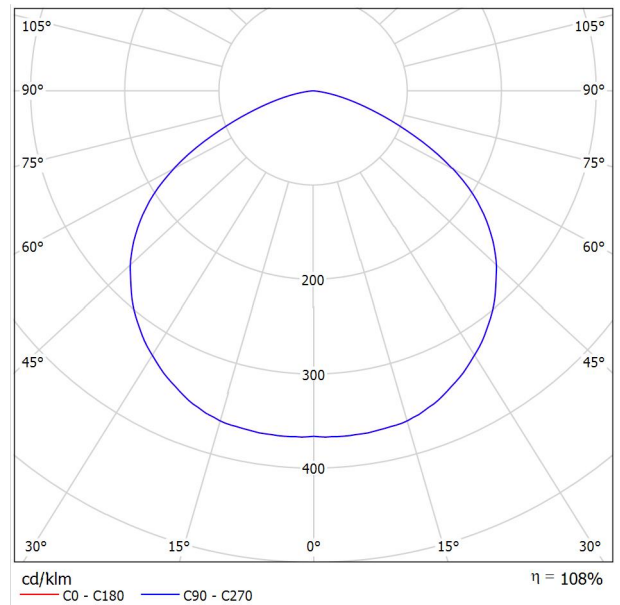


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Saxby Lighting 50W LED flood light Surge 50W LED flood light / Luminaire Data Sheet

Luminous emittance 1:

See our luminaire catalog for an image of the luminaire.



Luminaire classification according to CIE: 100
CIE flux code: 49 83 98 100 108

Luminous emittance 1:

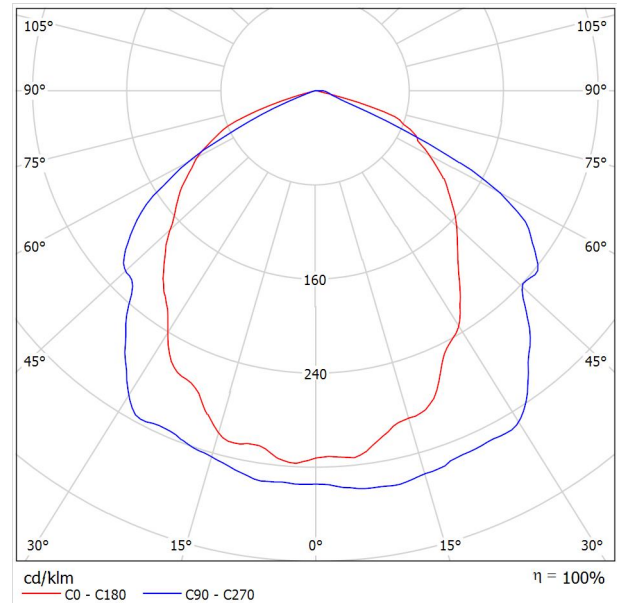
Glare Evaluation According to UGR												
p Ceiling		70	70	50	50	30	70	70	50	50	30	
p Walls		50	30	50	30	30	50	30	50	30	30	
p Floor		20	20	20	20	20	20	20	20	20	20	
Room Size X Y		Viewing direction at right angles to lamp axis					Viewing direction parallel to lamp axis					
2H	2H	31.3	32.6	31.6	32.8	33.0	31.3	32.6	31.6	32.8	33.0	
	3H	32.4	33.5	32.7	33.8	34.1	32.4	33.5	32.7	33.8	34.1	
	4H	32.6	33.7	33.0	34.0	34.3	32.6	33.7	33.0	34.0	34.3	
	6H	32.7	33.7	33.1	34.0	34.3	32.7	33.7	33.1	34.0	34.3	
	8H	32.7	33.7	33.1	34.0	34.3	32.7	33.7	33.1	34.0	34.3	
	12H	32.7	33.6	33.1	33.9	34.3	32.7	33.6	33.1	33.9	34.3	
4H	2H	31.7	32.8	32.0	33.1	33.4	31.7	32.8	32.0	33.1	33.4	
	3H	32.9	33.8	33.3	34.2	34.5	32.9	33.8	33.3	34.2	34.5	
	4H	33.3	34.1	33.7	34.4	34.8	33.3	34.1	33.7	34.4	34.8	
	6H	33.4	34.1	33.8	34.5	34.9	33.4	34.1	33.8	34.5	34.9	
	8H	33.4	34.1	33.9	34.5	34.9	33.4	34.1	33.9	34.5	34.9	
	12H	33.4	34.0	33.9	34.4	34.8	33.4	34.0	33.9	34.4	34.8	
8H	4H	33.4	34.0	33.8	34.4	34.8	33.4	34.0	33.8	34.4	34.8	
	6H	33.6	34.1	34.0	34.5	35.0	33.6	34.1	34.0	34.5	35.0	
	8H	33.6	34.0	34.1	34.5	35.0	33.6	34.0	34.1	34.5	35.0	
	12H	33.6	34.0	34.1	34.4	34.9	33.6	34.0	34.1	34.4	34.9	
	4H	33.3	33.9	33.8	34.3	34.8	33.3	33.9	33.8	34.3	34.8	
	6H	33.6	34.0	34.0	34.5	34.9	33.6	34.0	34.0	34.5	34.9	
12H	8H	33.6	34.0	34.1	34.4	34.9	33.6	34.0	34.1	34.4	34.9	
	12H	33.6	34.0	34.1	34.4	34.9	33.6	34.0	34.1	34.4	34.9	
Variation of the observer position for the luminaire distances S												
S = 1.0H		+0.1 / -0.2					+0.1 / -0.2					
S = 1.5H		+0.4 / -0.6					+0.4 / -0.6					
S = 2.0H		+0.9 / -1.4					+0.9 / -1.4					
Standard table		BK03					BK03					
Correction												
Summand		11.3					11.3					
Corrected Glare Indices referring to 4204lm Total Luminous Flux												

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Saxby Lighting 72643 KE448LEDDNM / Luminaire Data Sheet

Luminous emittance 1:

See our luminaire catalog for an image of the luminaire.



Luminaire classification according to CIE: 100
CIE flux code: 46 78 95 100 100

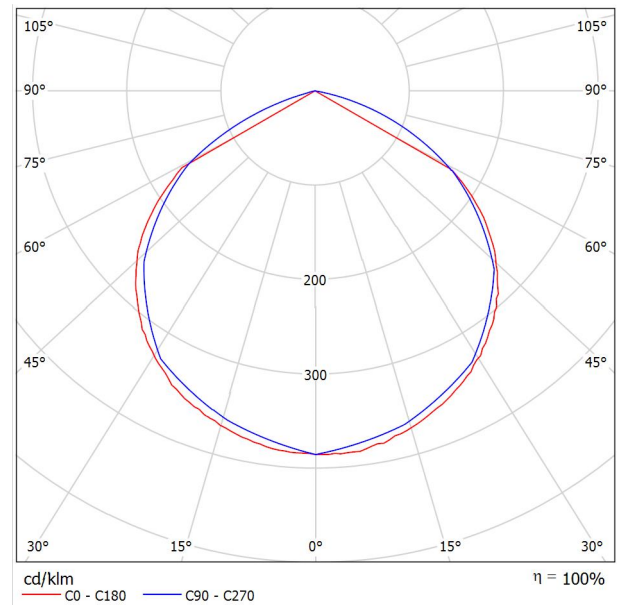
Due to missing symmetry properties, no UGR table can be displayed for this luminaire.

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Saxby Lighting 30W LED flood light Surge 30W LED flood light / Luminaire Data Sheet

Luminous emittance 1:

See our luminaire catalog for an image of the luminaire.

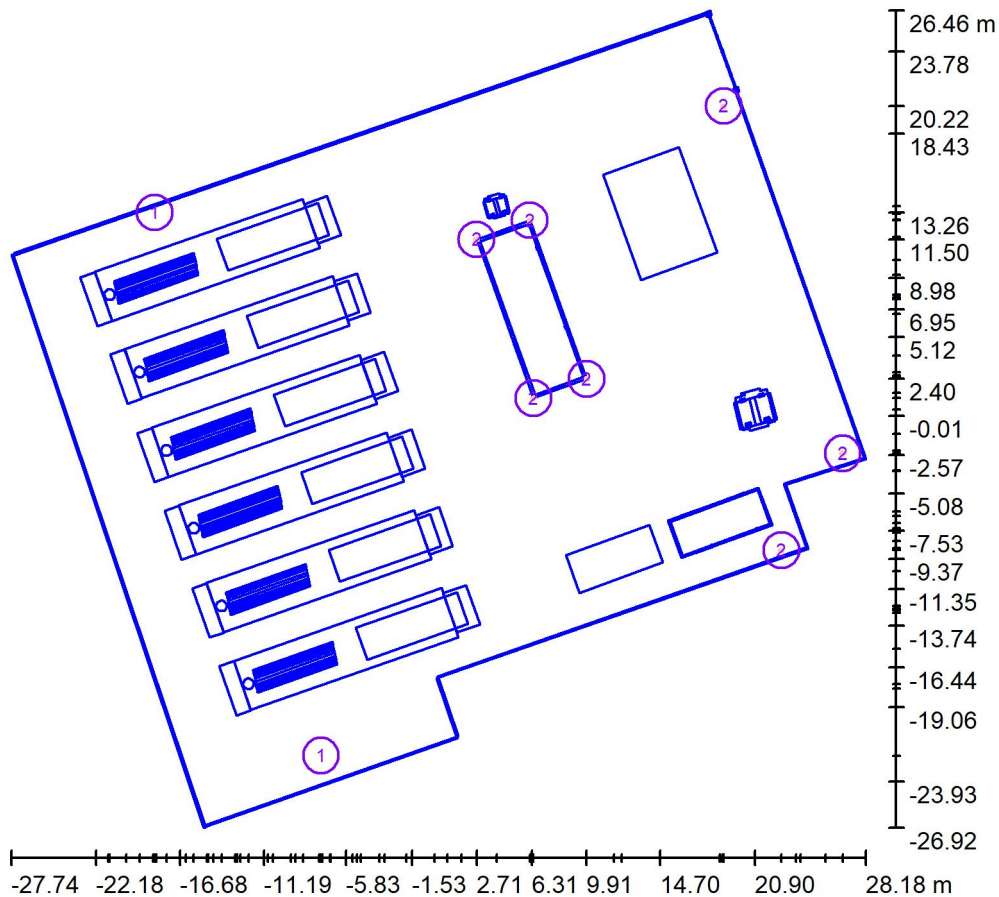


Luminaire classification according to CIE: 100
CIE flux code: 52 87 99 100 100

Due to missing symmetry properties, no UGR table can be displayed for this luminaire.

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Exterior Scene 2 / Planning data



Maintenance factor: 0.80, ULR (Upward Light Ratio): 0.5%

Scale 1:495

Luminaire Parts List

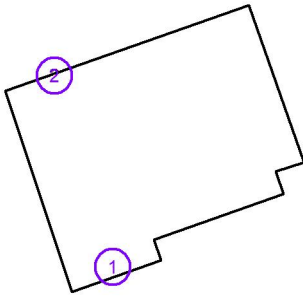
No.	Pieces	Designation (Correction Factor)	Φ (Luminaire) [lm]	Φ (Lamps) [lm]	P [W]
1	2	Saxby Lighting 30W LED flood light Surge 30W LED flood light (1.000)	2511	2511	30.1
2	7	Saxby Lighting 50W LED flood light Surge 50W LED flood light (1.000)	4544	4204	49.7
Total:			36833	34450	408.1

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Exterior Scene 2 / Luminaires (coordinates list)

Saxby Lighting 30W LED flood light Surge 30W LED flood light

2511 lm, 30.1 W, 1 x 1 x 30W LED flood light (Correction Factor 1.000).



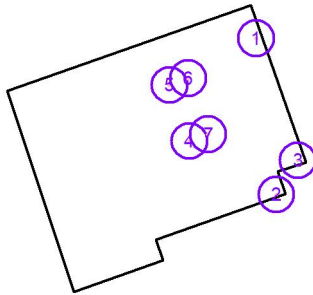
No.	Position [m]			Rotation [°]		
	X	Y	Z	X	Y	Z
1	-7.460	-22.223	2.500	20.0	0.0	-20.0
2	-18.361	13.263	2.500	20.0	0.0	-120.0

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Exterior Scene 2 / Luminaires (coordinates list)

Saxby Lighting 50W LED flood light Surge 50W LED flood light

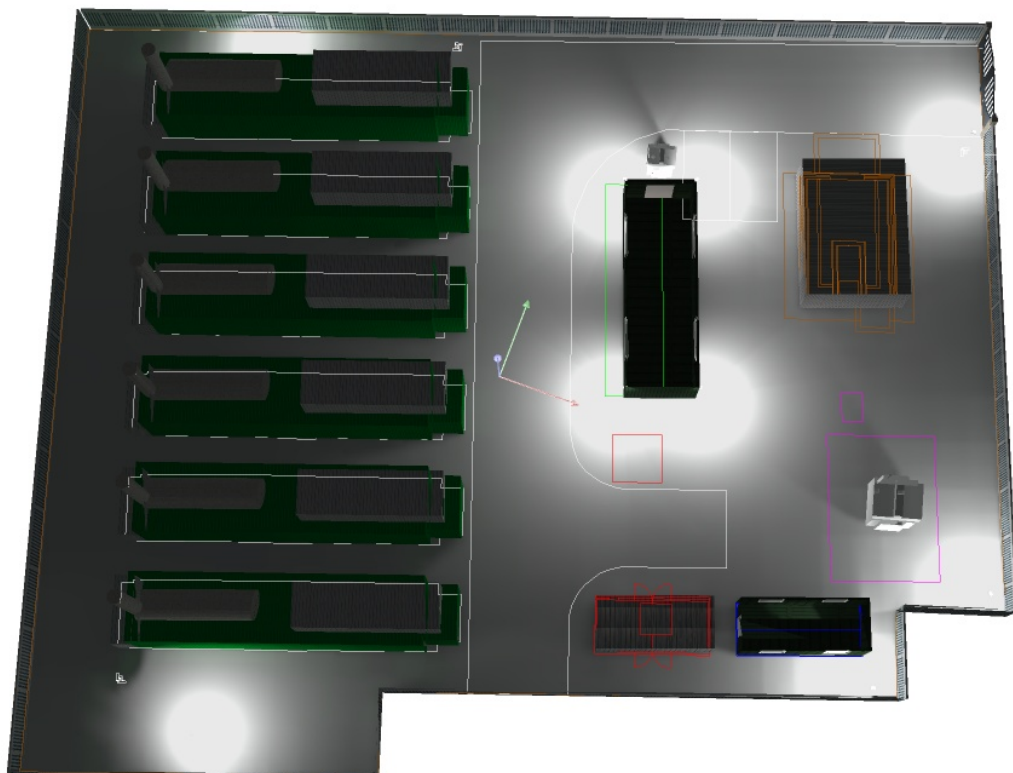
4544 lm, 49.7 W, 1 x 1 x 50W LED flood light (Correction Factor 1.000).



No.	Position [m]			Rotation [°]		
	X	Y	Z	X	Y	Z
1	18.870	20.224	2.500	20.0	0.0	100.0
2	22.648	-8.796	2.500	20.0	0.0	100.0
3	26.653	-2.468	2.500	20.0	0.0	60.0
4	6.420	1.143	2.600	20.0	0.0	141.1
5	2.705	11.504	2.600	20.0	0.0	113.5
6	6.191	12.756	2.600	20.0	0.0	-50.0
7	9.909	2.403	2.600	20.0	0.0	-90.0

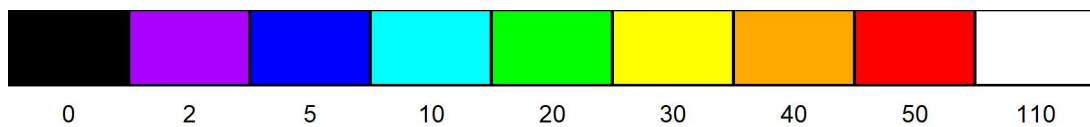
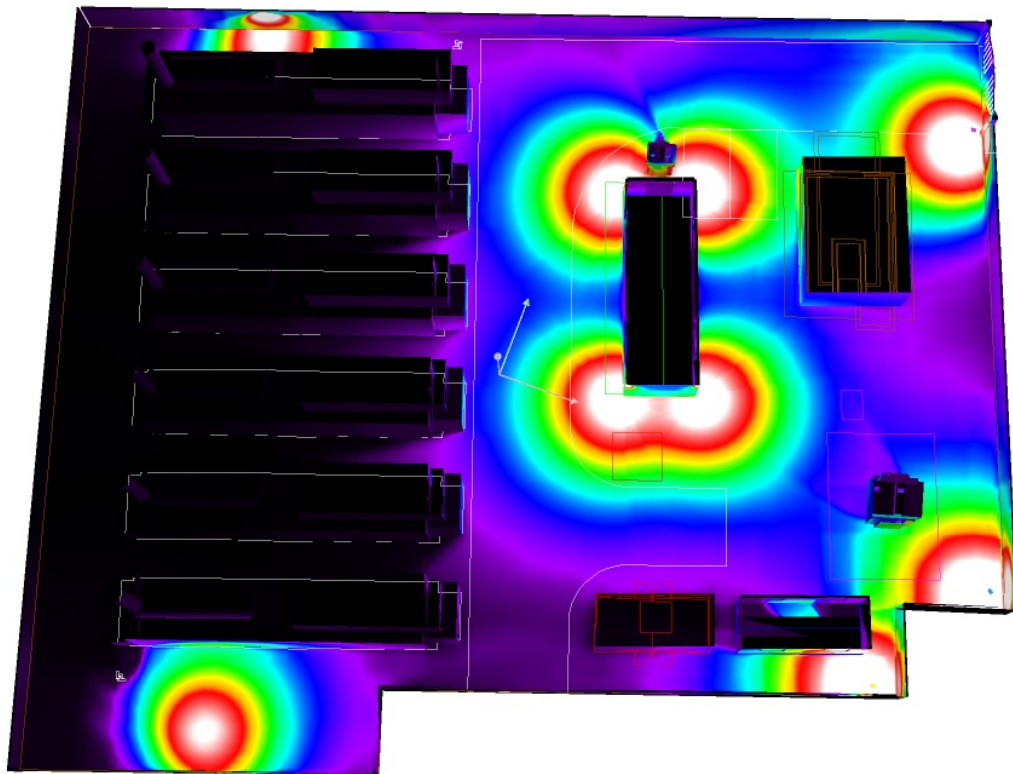
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Exterior Scene 2 / 3D Rendering



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Exterior Scene 2 / False Colour Rendering



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