

Cinch Shoreham

Installation : Proposed Lighting

Project number :

Customer :

Processed by : DW

Date : 24.08.2026

Object : Cinch Shoreham
Installation : Proposed Lighting
Project number :
Date : 24.08.2026



1 Exterior 1

1.1 Description, Exterior 1

1.1.1 Luminaire data/Room elements

Product data:

Type No.\Make

1	5 x	CLS	
		Order No.	:
		Luminaire name	: QFLOOD2-150CW/AS
		Equipment	: 1 x LED 150 W / 22500 lm

4	6 x		
		Order No.	:
		Luminaire name	:
		Equipment	: 1 x 16.1 W / 1690.6 lm

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1.1 Description, Exterior 1

1.1.1 Luminaire data/Room elements

Floor with luminaire and sensor positions:



No.	Centre point			Rotation angle			Target coordinates		
	X [m]	Y [m]	Z [m]	Z [°]	C0 [°]	C90 [°]	Xa [m]	Ya [m]	Za [m]
CLS QFLOOD2-150CW/AS									
1	53.29	78.53	5.98	271.02	0.00	0.00	53.13	87.22	0.00
2	53.29	32.51	5.98	271.02	0.00	0.00	53.13	41.21	0.00
3	53.29	49.28	5.98	271.02	0.00	0.00	53.13	57.97	0.00
4	53.29	62.89	5.98	271.02	0.00	0.00	53.13	71.58	0.00
5	45.76	83.80	5.98	2.41	0.00	0.00	37.08	83.44	0.00
12	24.32	27.43	2.92	179.36	0.00	0.00	24.32	27.43	0.00
13	29.68	27.43	2.92	179.36	0.00	0.00	29.68	27.43	0.00
14	35.52	27.43	2.92	179.36	0.00	0.00	35.52	27.43	0.00
15	41.23	27.43	2.92	179.36	0.00	0.00	41.23	27.43	0.00
16	46.90	27.43	2.92	179.36	0.00	0.00	46.90	27.43	0.00
17	51.63	27.43	2.92	179.36	0.00	0.00	51.63	27.43	0.00

Structural elements

Measuring surface

No.							Rotation angle	
	xm[m]	ym[m]	zm[m]	Length	Width	Height	z axis	L axis
M 1	23.13	27.15	0.00	30.21	1.45	0.00	0.00	0.00
M 2	53.37	25.89	0.00	16.38	57.72	0.00	0.00	0.00

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1.1 Description, Exterior 1

1.1.1 Luminaire data/Room elements

M 3	40.27	83.41	0.00	12.47	11.31	0.00	0.00	0.00
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Others

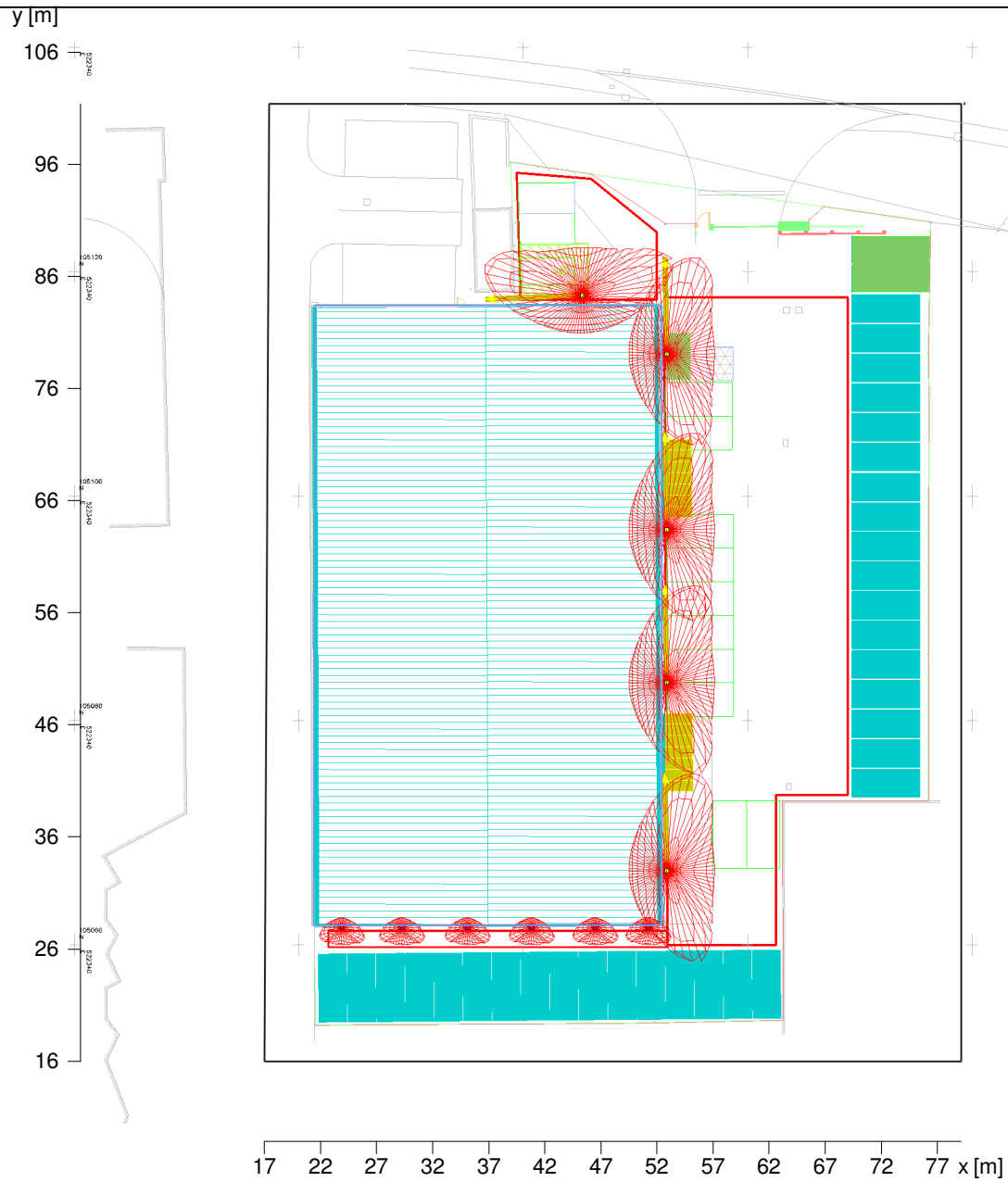
No.	xm[m]	ym[m]	zm[m]	Length	Width	Height	Rotation angle		
							z axis	L axis	Q axis
A 1	21.83	27.65	0.00	31.00	55.27	12.00	0.00	0.00	0.00

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1.1 Description, Exterior 1

1.1.2 Floor plan



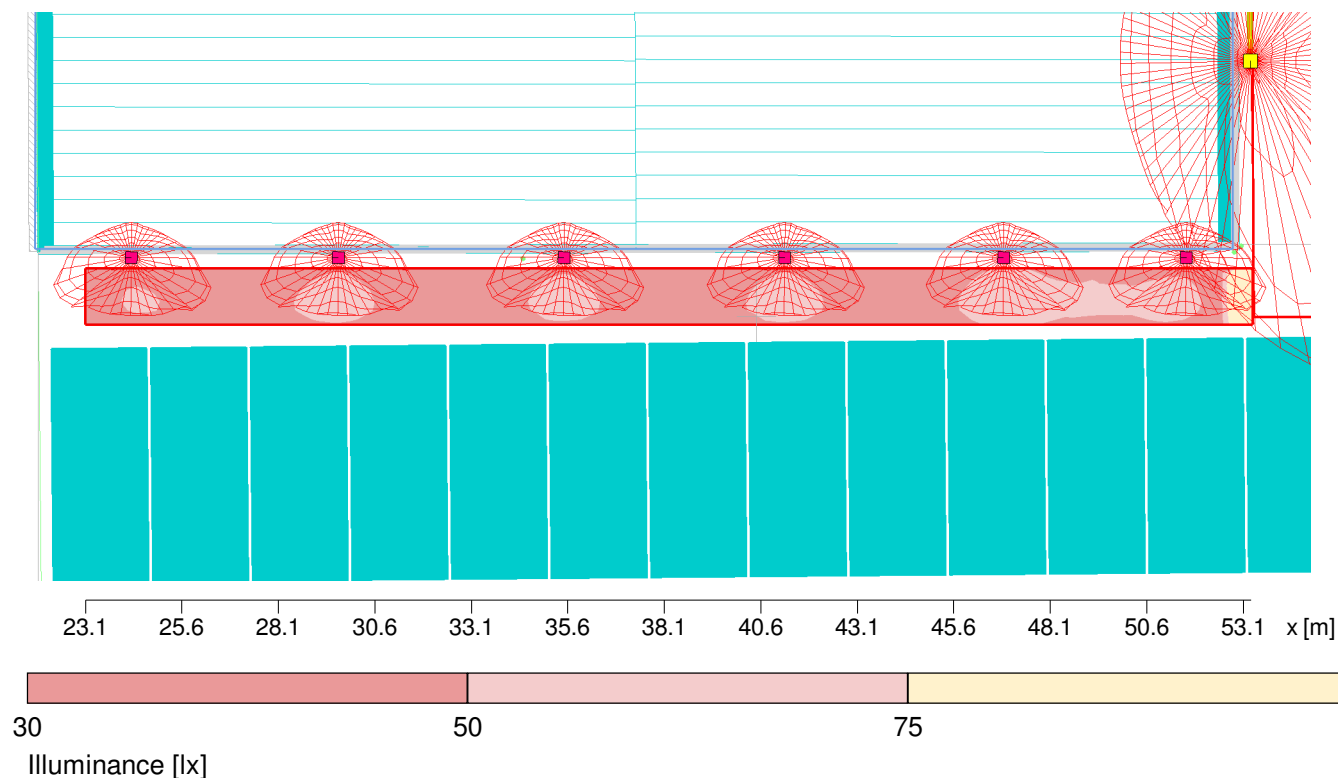
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1 Exterior 1

1.2 Summary, Exterior 1

1.2.1 Result overview, Measuring area 1



General

Calculation algorithm used	Average indirect fraction
Height of evaluation surface	0.00 m
Maintenance factor	0.80
Total luminous flux	122643.602 lm
Total power	846.6 W
Total power per area (5282.20 m²)	0.16 W/m²
Upward light ratio (RUL)	1 %

Illuminance

Average illuminance	$\bar{E}_m$	48 lx
Minimum illuminance	E_{min}	36 lx
Maximum illuminance	E_{max}	98 lx
Uniformity U_o	$E_{min}/\bar{E}_m$	1:1.33 (0.75)
Diversity U_d	E_{min}/E_{max}	1:2.7 (0.37)

Type No. Make

1	5 x	CLS
		Order No. :
		Luminaire name : QFLOOD2-150CW/AS
		Equipment : 1 x LED 150 W / 22500 lm

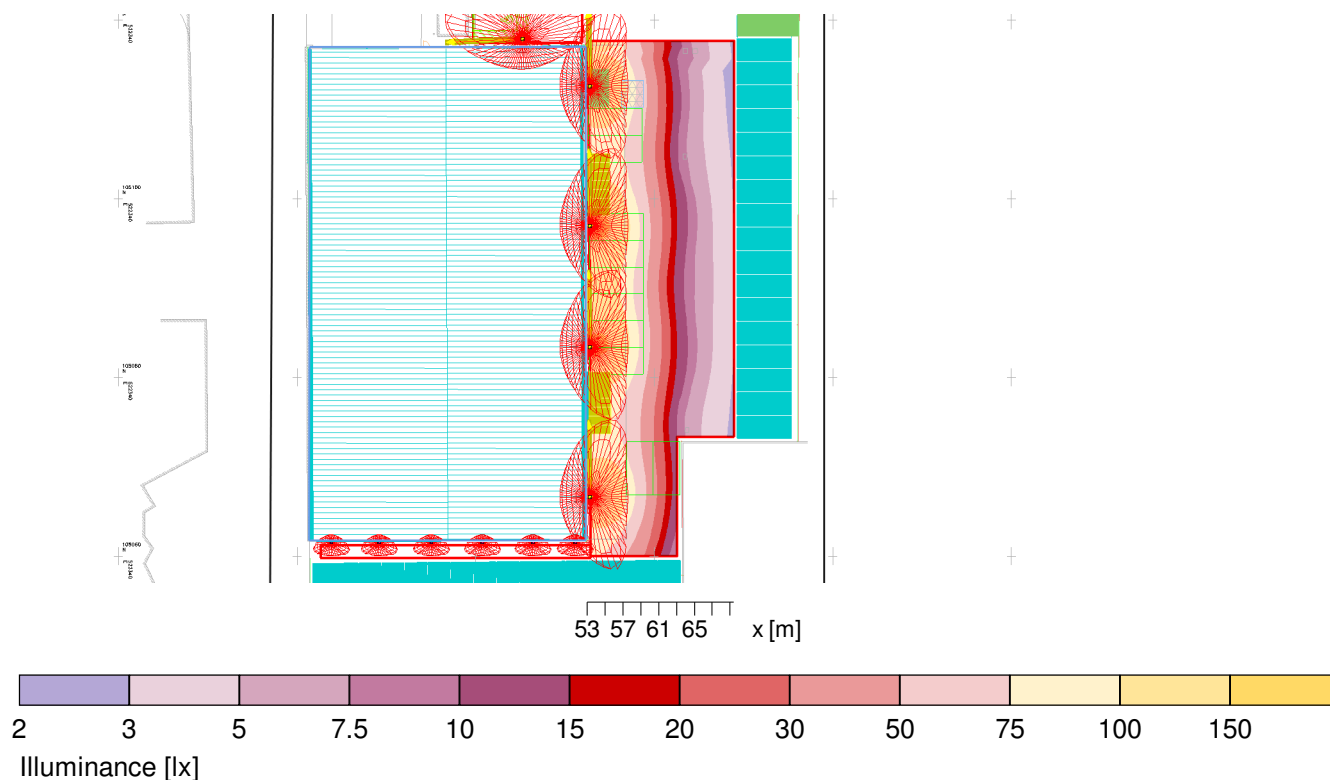
4	6 x	Order No. :
		Luminaire name :
		Equipment : 1 x 16.1 W / 1690.6 lm

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1.2 Summary, Exterior 1

1.2.2 Result overview, Measuring area 2



General

Calculation algorithm used	Average indirect fraction
Height of evaluation surface	0.00 m
Maintenance factor	0.80
Total luminous flux	122643.602 lm
Total power	846.6 W
Total power per area (5282.20 m²)	0.16 W/m²
Upward light ratio (RUL)	1 %

Illuminance

Average illuminance	$\bar{E}_m$	50 lx
Minimum illuminance	E_{min}	2.63 lx
Maximum illuminance	E_{max}	160 lx
Uniformity U_o	$E_{min}/\bar{E}_m$	1:19.2 (0.05)
Diversity U_d	E_{min}/E_{max}	1:60.7 (0.02)

Type No. Make

1	5 x	CLS
		Order No. :
		Luminaire name : QFLOOD2-150CW/AS
		Equipment : 1 x LED 150 W / 22500 lm

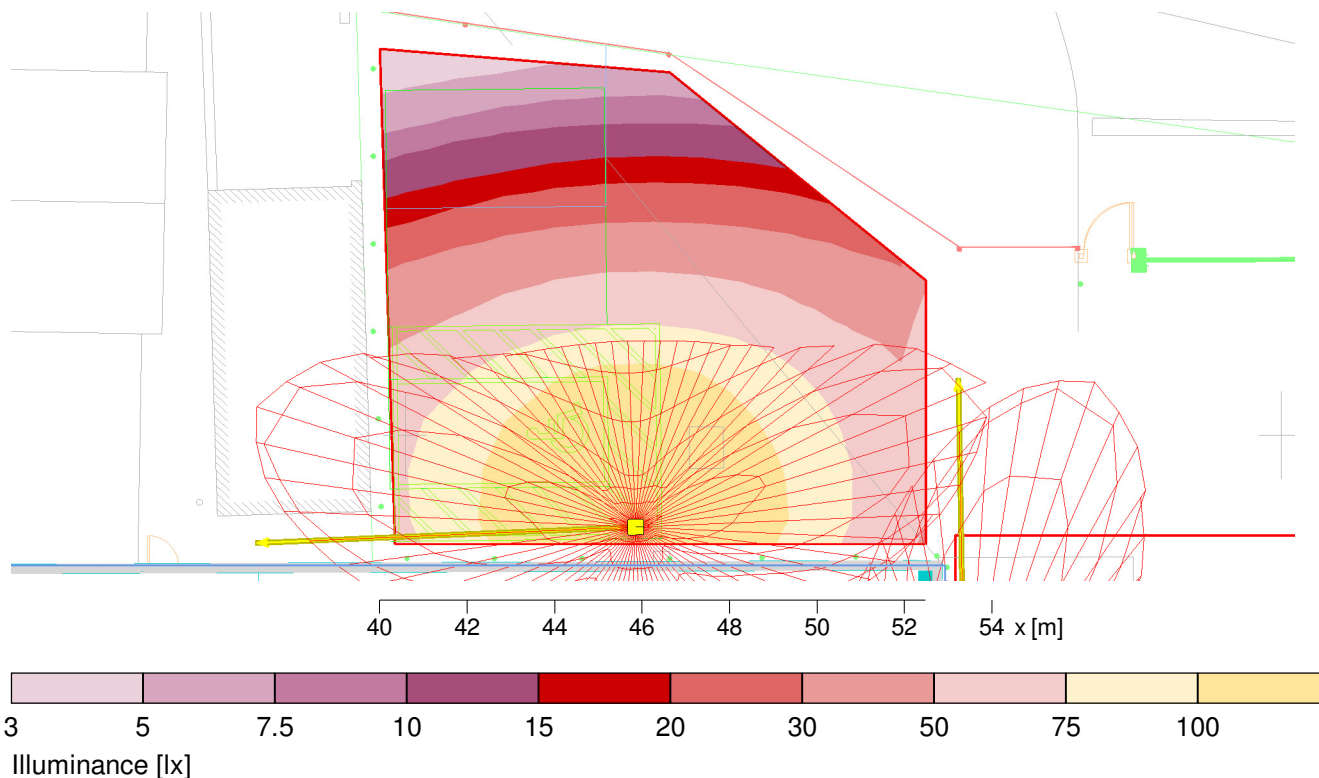
4	6 x	Order No. :
		Luminaire name :
		Equipment : 1 x 16.1 W / 1690.6 lm

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1.2 Summary, Exterior 1

1.2.3 Result overview, Measuring area 3



General

Calculation algorithm used	Average indirect fraction
Height of evaluation surface	0.00 m
Maintenance factor	0.80
Total luminous flux	122643.602 lm
Total power	846.6 W
Total power per area (5282.20 m²)	0.16 W/m²
Upward light ratio (RUL)	1 %

Illuminance

Average illuminance	$\bar{E}_m$	60 lx
Minimum illuminance	E_{min}	4.18 lx
Maximum illuminance	E_{max}	144 lx
Uniformity U_o	$E_{min}/\bar{E}_m$	1:14.4 (0.07)
Diversity U_d	E_{min}/E_{max}	1:34.4 (0.03)

Type No. Make

1	5 x	CLS
		Order No. :
		Luminaire name : QFLOOD2-150CW/AS
		Equipment : 1 x LED 150 W / 22500 lm

4	6 x	Order No. :
		Luminaire name :
		Equipment : 1 x 16.1 W / 1690.6 lm