

DATE: 25 September 2025
DESIGNER: Jacob Dawes
PROJECT No: 000000
PROJECT NAME: Costa

**LIGHTING
REALITY**

Outdoor Lighting Report

Layout Report

General Data

Dimensions in Metres Angles in Degrees
Grid Origin 303930.1m x 206352.9m
Area 72.4m x 64.6m
Sample Spacing 1.08m x 1.10m

Luminaires

Luminaire A Data

Supplier	
Type	P863-128-F2B-730-BB-W3-375-49W
Lamp(s)	730SS
Lamp Flux (klm)	6.05
File Name	P863-128-F2B-730-BB-W3-375-49W.ies
Maintenance Factor	0.97
Imax70,80,90(cd/klm)	512.2, 68.5, 0.8
No. in Project	3

Luminaire D Data

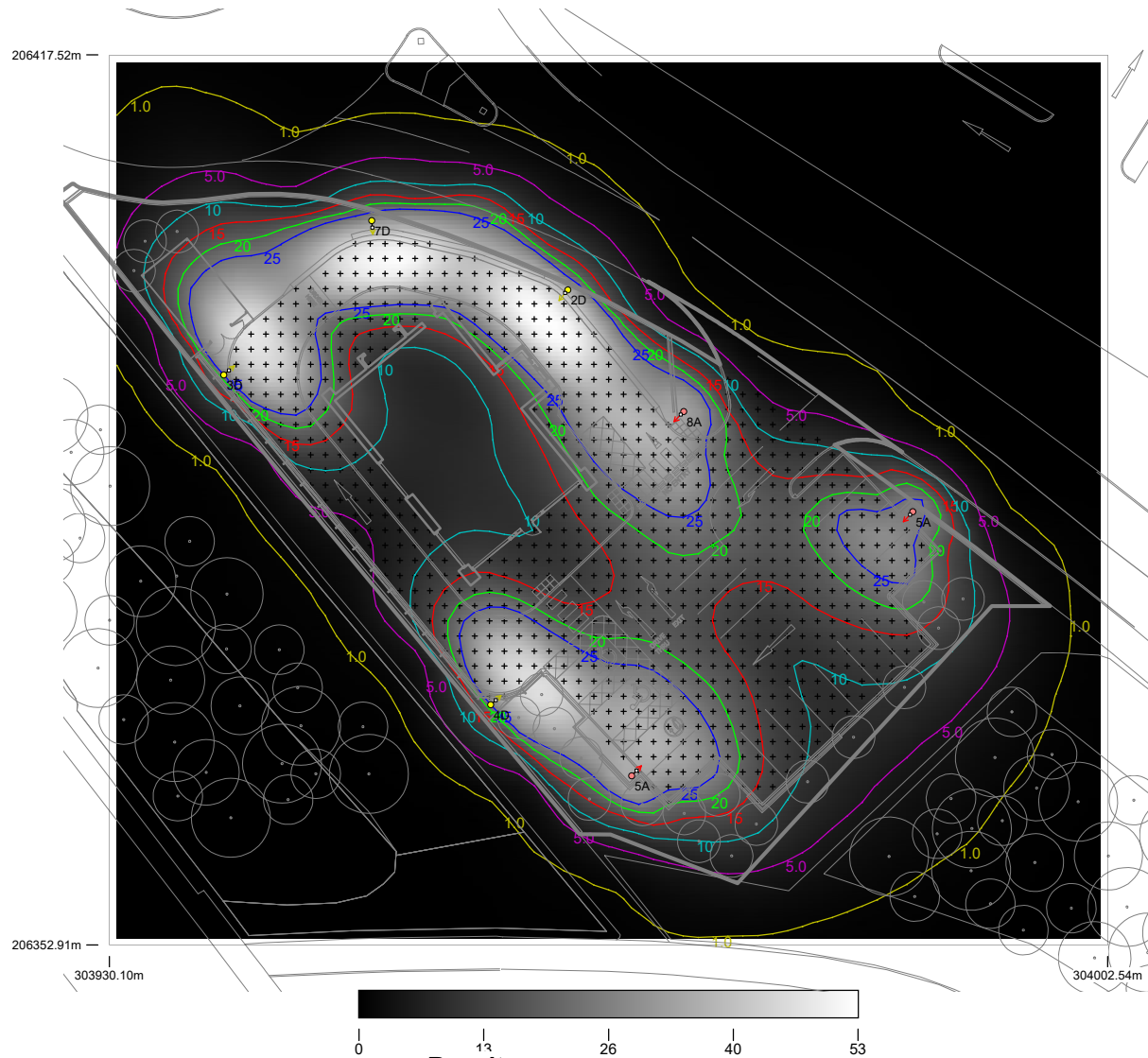
Supplier	
Type	P863-128-R2-730-BB-W3-325-43W
Lamp(s)	730SS
Lamp Flux (klm)	5.59
File Name	P863-128-R2-730-BB-W3-325-43W.ies
Maintenance Factor	0.97
Imax70,80,90(cd/klm)	363.9, 26.2, 0.0
No. in Project	4

Layout

ID	Type	X	Y	Height	Angle	Tilt	Cant	Out-reach	Target X	Target Y	Target Z
2	D	303963.35	206400.47	6.00	230.00	1.00	0.00	0.30			
3	D	303938.39	206394.30	6.00	40.00	5.00	0.00	0.50			
4	D	303957.76	206370.36	6.00	42.00	5.00	0.00	0.50			
5	A	303988.39	206384.37	6.00	226.00	5.00	0.00	0.30			
5	A	303967.98	206365.22	6.00	45.00	5.00	0.00	0.50			
8	A	303971.75	206391.64	6.00	227.00	5.00	0.00	0.30			
7	D	303949.13	206405.49	6.00	275.00	0.00	0.00	0.50			

Horizontal Illuminance (lux)

Grid 1



Results

Eav	22.69
Emin	4.02
Emax	52.78
Emin/Emax	0.08
Emin/Eav	0.18