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Project address:
St Martin's Precinct
Church Street
Caversham
Reading
RG4 8BA

Date:
15/08/2017



St Martins Precinct, Caversham

New Precinct Lighting Scheme - Lamp Post Lighting Calculations

Table of contents

St Martins Precinct, Caversham

Project description.....3

Luminaire parts list.....4

St Martins Precinct, Caversham

 WE-EF;Eulumdat2 - AFP534 IP55:HIE-CE 70W/E27;AFP534, Post Top Luminaires (1xHIE-CE 70W/m/830 E27)..... 5

St Martins Precinct, Caversham

Results summary of surfaces..... 6

Walkway and Seating Area / Horizontal illuminance.....7

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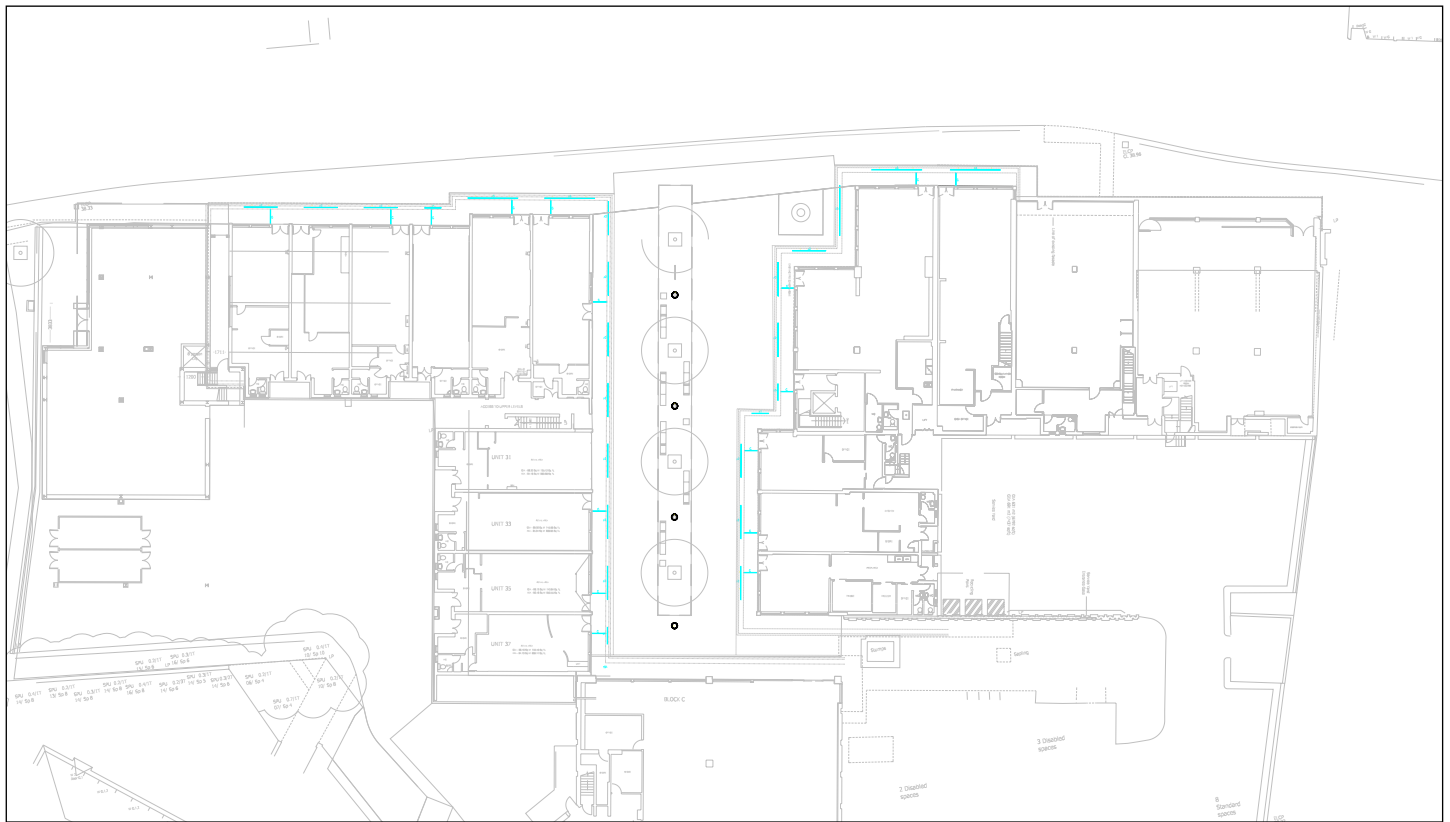
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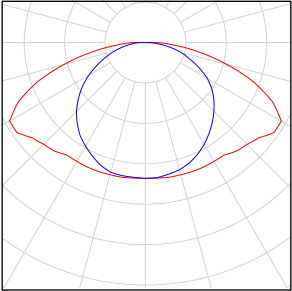
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St Martins Precinct



Scale: 1 : 680

St Martins Precinct, Caversham

Quantity	Luminaire (Luminous emittance)		
4	WE-EF;Eulumdat2 - 127-0812 AFP534 IP55:HIE-CE 70W/E27;AFP534, Post Top Luminaires Luminous emittance 1 Fitting: 1xHIE-CE 70W/m/830 E27 Light output ratio: 68.41% Lamp luminous flux: 6700 lm Luminaire luminous flux: 4583 lm Power: 80.0 W Luminous efficacy: 57.3 lm/W Colourimetric data 1x: CCT 3000 K, CRI -	See our luminaire catalog for an image of the luminaire.	

Total lamp luminous flux: 26800 lm, Total luminaire luminous flux: 18332 lm, Total Load: 320.0 W, Luminous efficacy: 57.3 lm/W

St Martins Precinct, Caversham / WE-EF;Eulumdat2 127-0812 AFP534 IP55:HIE-CE 70W/E27;AFP534, Post Top Luminaires 1xHIE-CE 70W/m/830 E27 / WE-EF;Eulumdat2 - AFP534 IP55:HIE-CE 70W/E27;AFP534, Post Top Luminaires (1xHIE-CE 70W/m/830 E27)

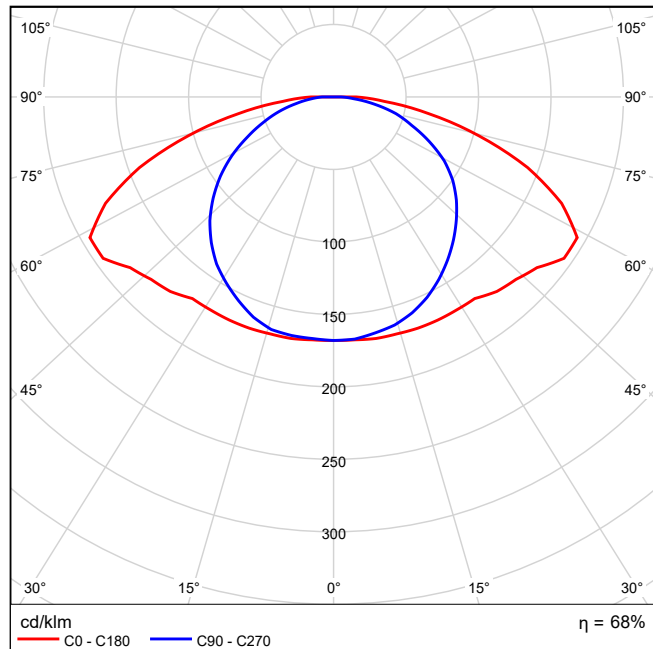
WE-EF;Eulumdat2 127-0812 AFP534 IP55:HIE-CE 70W/E27;AFP534, Post Top Luminaires 1xHIE-CE 70W/m/830 E27

See our luminaire catalog for an image of the luminaire.

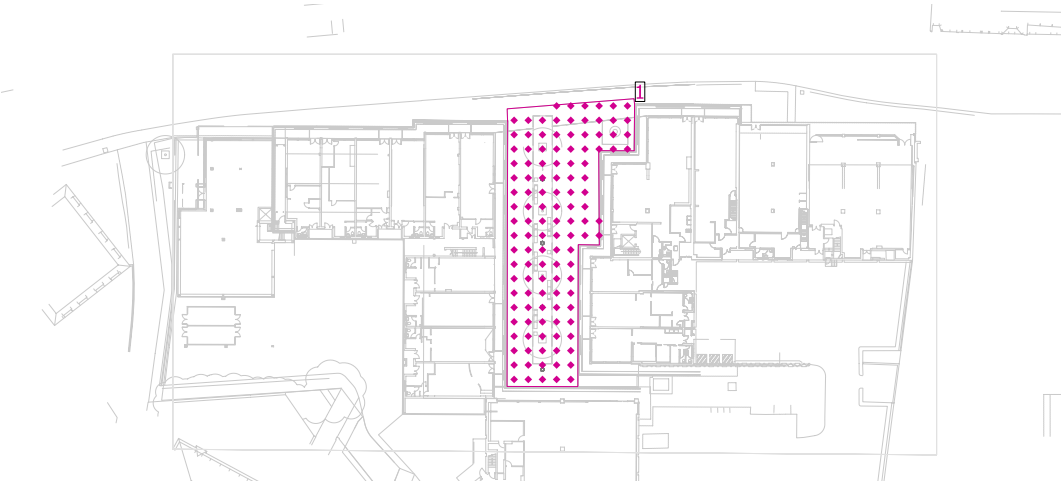
Light output ratio: 68.41%
Lamp luminous flux: 6700 lm
Luminaire luminous flux: 4583 lm
Power: 80.0 W
Luminous efficacy: 57.3 lm/W

Colourimetric data
1x: CCT 3000 K, CRI -

Luminous emittance 1 / Polar LDC



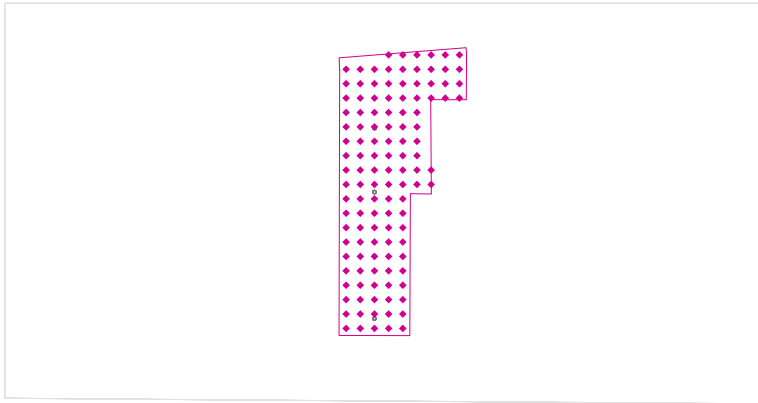
St Martins Precinct, Caversham



General

Surface	Result	Average (Target)	Min	Max	Min/average	Min/max
1 Walkway and Seating Area	Horizontal illuminance [lx] Height: 0.000 m	17.9	0.21	70.8	0.01	0.00

Walkway and Seating Area / Horizontal illuminance



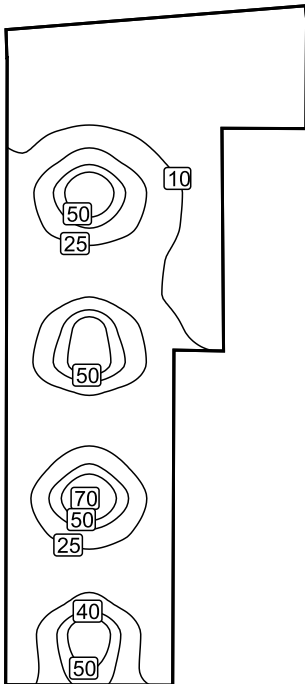
Walkway and Seating Area: Horizontal illuminance (Grid)

Light scenes: Light scenes 1

Average: 17.9 lx, Min: 0.21 lx, Max: 70.8 lx, Min/average: 0.01, Min/max: 0.00

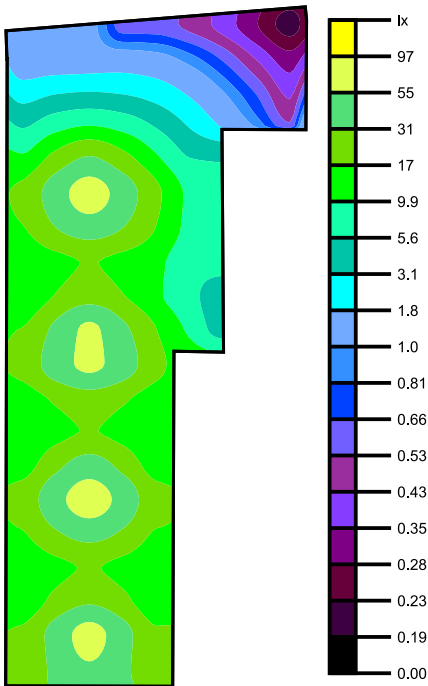
Height: 0.000 m

Isolines [lx]



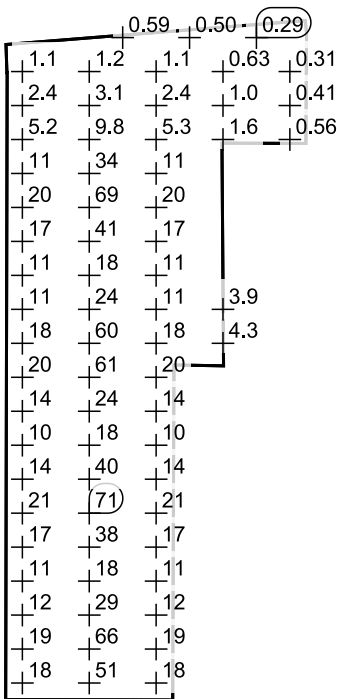
Scale: 1 : 500

False colours [lx]



Scale: 1 : 500

Value grid [lx]



Scale: 1 : 500