

Dimensions are not to be scaled from this drawing



Kingfisher Lighting

Part of the Luceco PLC group of companies **LUCECO**

Obtrusive Light - Compliance Report

CIE 150:2017, E3-Medium District Brightness, Pre-Curfew
Filename: Thomastown Park - Tennis Court - Copy
27/01/2022 11:43:36

Illuminance

Maximum Allowable Value: 10 Lux

Calculations Tested (3):

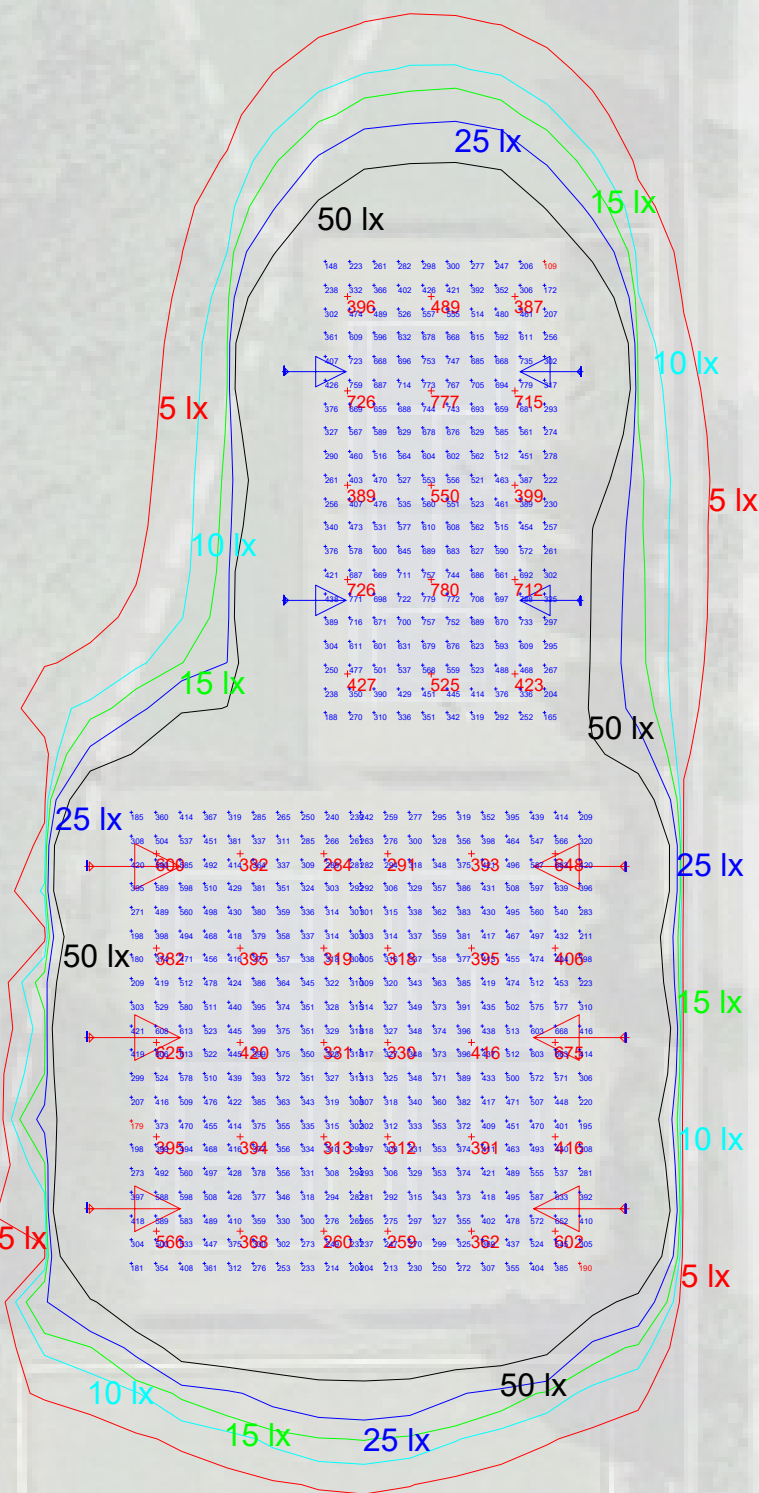
Calculation Label	Test Results	Max. Illum.
House 1_III_Seg1	PASS	0
House Row_III_Seg1	PASS	0
House 2_III_Seg1	PASS	0

Luminous Intensity (Cd) At Vertical Planes

Maximum Allowable Value calculated from CIE 150:2017 (varies by Projected Area sq.m. and Distance Factor)
For E3-Medium District Brightness, Projected Area and Distance Factors:
(0.002, 0.86) (0.01, 1.9) (0.03, 3.8) (0.13, 7.5) (0.5, 15)

Calculations Tested (3):

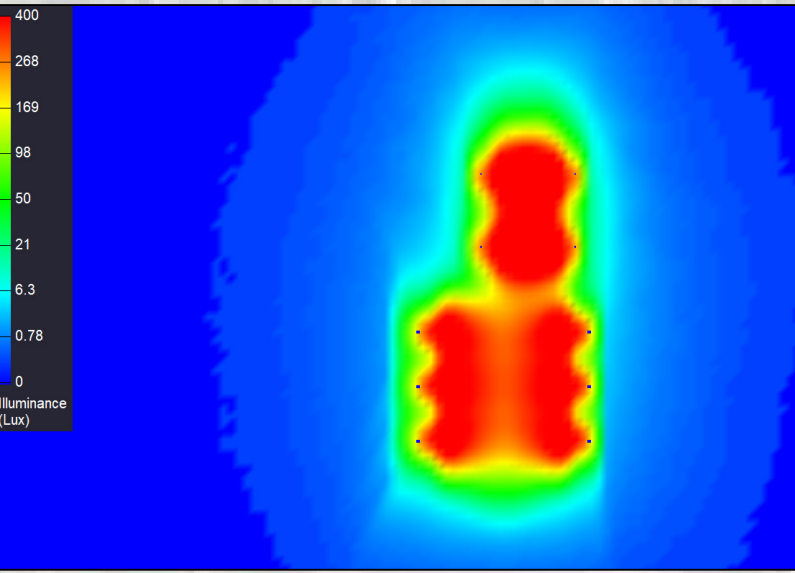
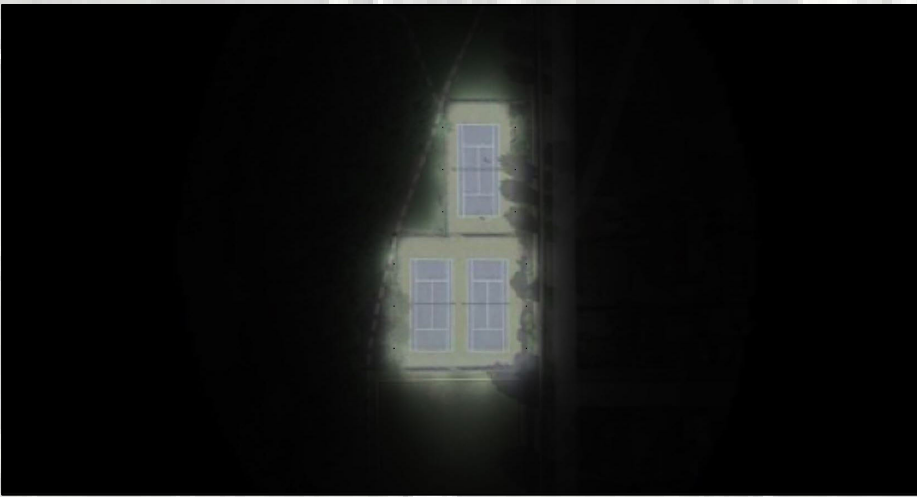
Calculation Label	Test Results
House 1_Cd_Seg1	PASS
House Row_Cd_Seg1	PASS
House 2_Cd_Seg1	PASS



House 1

House 2

House Row



Calculation Summary							
Project: Obtrusive light calculations							
Label	CalcType	Units	Avg	Max	Min	Min/Avg	Min/Max
House 1_Cd_Seg1	Obtrusive - Cd	N.A.	365.57	379	344	0.94	0.91
House 1_III_Seg1	Obtrusive - III	Lux	0.00	0	0	N.A.	N.A.
House 2_Cd_Seg1	Obtrusive - Cd	N.A.	398.50	408	387	0.97	0.95
House 2_III_Seg1	Obtrusive - III	Lux	0.00	0	0	N.A.	N.A.
House Row_Cd_Seg1	Obtrusive - Cd	N.A.	305.00	420	121	0.40	0.29
House Row_III_Seg1	Obtrusive - III	Lux	0.00	0	0	N.A.	N.A.

Calculation Summary							
Project: Lux Levels							
Label	CalcType	Units	Avg	Max	Min	Min/Avg	Min/Max
Court 1 PPA	Illuminance	Lux	561.40	780	387	0.69	0.50
Court 1 TPA	Illuminance	Lux	504.60	788	109	0.22	0.14
Court 2 PPA	Illuminance	Lux	402.27	625	260	0.65	0.42
Court 2 TPA	Illuminance	Lux	380.81	613	179	0.47	0.29
Court 3 PPA	Illuminance	Lux	414.27	675	259	0.63	0.38
Court 3 TPA	Illuminance	Lux	386.02	668	190	0.49	0.28

Luminaire Schedule			
Symbol	Qty	Label	Description
➡	6	A	1 x 665w Amnis Flood with NST Optic Mounted @ 6m
➡	4	B	1 x 665w LED 4000k Amnis Match Flood with WST Optic @ 6m

Project Title: Thomastown Park – Tennis Court

Scale: 1:500 at A2
Project Number: 45189



For our LED lighting designs a 0.9mf has been used. If this differs from the maintenance period for this project then you must advise us accordingly

Date: 26/01/2022
Drawing No.: Rev A

Lighting Designer: MB

A lighting applications design service is provided by us in good faith and without charge, relating to Kingfisher products only. As such, whilst every endeavor is made for accuracy from information provided by yourselves, the final responsibility for the suitability of the design lies with the client. The company cannot, therefore, accept any liability or consequential loss incurred.

A2