

NYMNPA

16/07/2020

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**From:** Kieran Robinson  
**Sent:** 16 July 2020 13:58  
**To:** Ailsa Teasdale  
**Subject:** ladycross - NYM/2019/0730/FL

Good afternoon Ailsa

Hope you are well in these somewhat different times

Just regards the application for the house extension and new carpark area my apologies for the delay but I have attached the lighting design with Lux details for the new lights on the driveway. If you need any further information please could you let me know.

kind regards

Kieran



Label	CalcType	Units	Avg	Max	Min	Min/Avg	Min/Max
Access Road & Car Park	Illuminance	Lux	7.48	24	2	0.27	0.08

Symbol	Qty	Label	Arrangement	LLF	Description
A	4	A	SINGLE	0.900	15w LED Viva City Pro with T4A Optic column mounted at 5m
B	3	B	SINGLE	0.900	15w LED Viva City Pro with T3A Optic column mounted at 5m
C	6	C	SINGLE	0.900	4w LED 4000k Inground Short 110 recessed uplighter with 103° beam

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## BREEAM New Construction 2018 (UK)

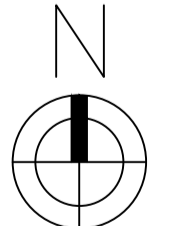
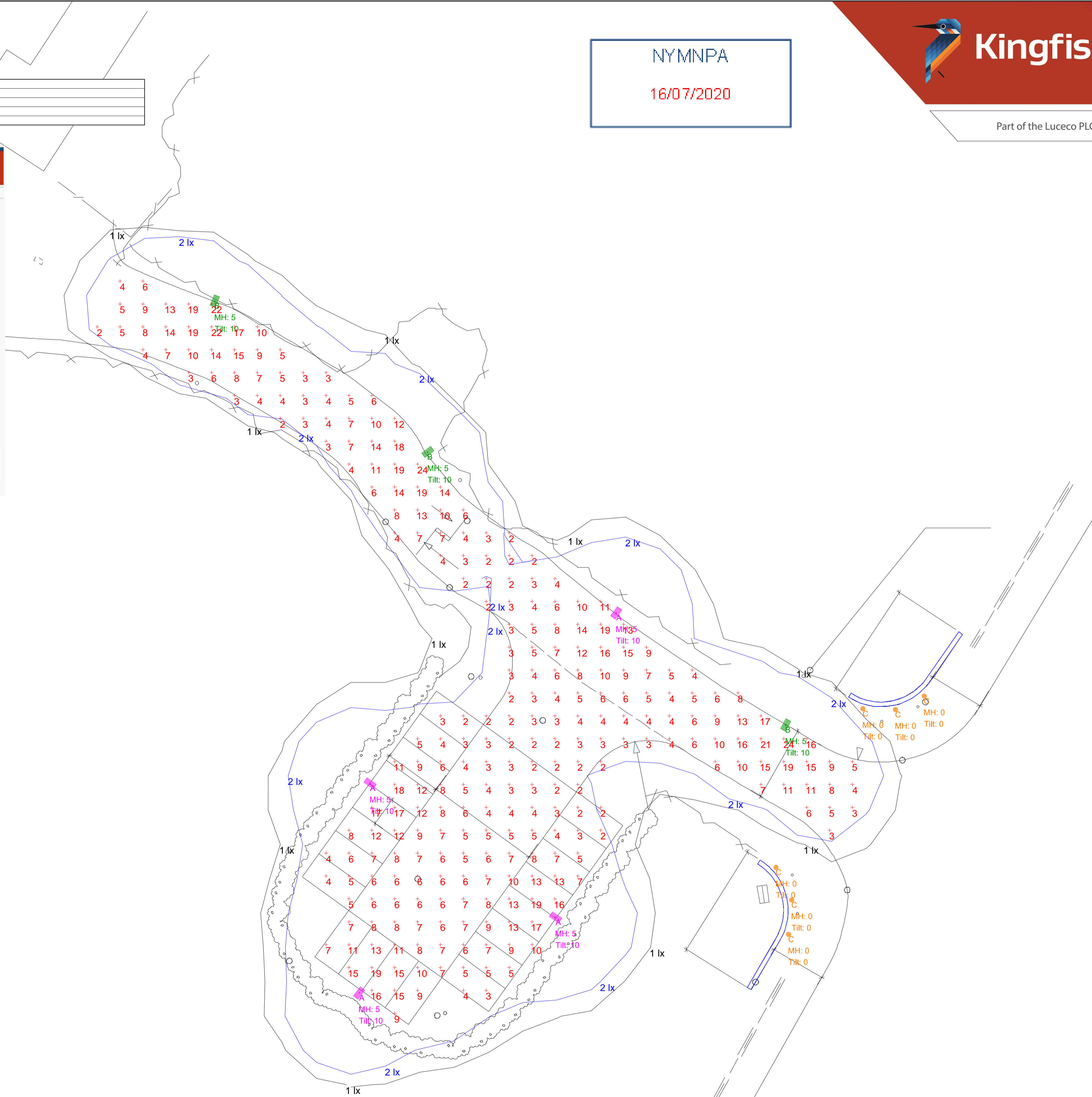
### D38873B - Ladycross Plantation Caravan Park

Qty	Range	Light Source	Lamp Lumens	Circuit Watts	Lux@5m	LOR	Luminaire Uplift	Uplift Loss	RA	AET (New Day)	CO2 Calculation for year
4	Viva City Pro	15w LED T4A	2385	13	133.00	200.00	100%	0%	70	11	0.18
3	Viva City Pro	15w LED T3A	2385	13	133.00	200.00	100%	0%	70	11	0.18
6	Inground Short 110	4w LED	350	4	40.00	100.00	100%	0%	80	13	0.08

Total Installation Lumens: 1586.00 Total LUX: 0.820

Table 1: Compliance	Table 2: Environmental score	Table 3: Daylight	Table 4: Glare	Table 5: Light trespass	Table 6: Building luminance	Table 7: Compliance Status
Target: 0.5	Actual: 0.521	Target: 1.00%	Actual: 0.90%	Target: 0.5	Actual: 0.5	Pass
Target: 0.5	Actual: 0.521	Target: 1.00%	Actual: 0.90%	Target: 0.5	Actual: 0.5	Pass
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Target: 0.5	Actual: 0.521	Target: 1.00%	Actual: 0.90%	Target: 0.5	Actual: 0.5	Pass
Target: 0.5	Actual: 0.521	Target: 1.00%	Actual: 0.90%	Target: 0.5	Actual: 0.5	Pass

Kingfisher Lighting Ltd  
 Rasthorpe Way, Crown Farm Business Park  
 Mansfield, Nottinghamshire  
 NG19 9PS  
 Part of the Luceco plc group of companies **LUCECO**  
 VAT No. 509145848 Company No. 2236337



Ladycross Plantation Caravan Park		Scale 1:200 at A1	Project Number D38873B
		Date 12 February 2020	Drawing No. D38873/LC/B
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.		Lighting Designer : L. Clarke	
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.			

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