
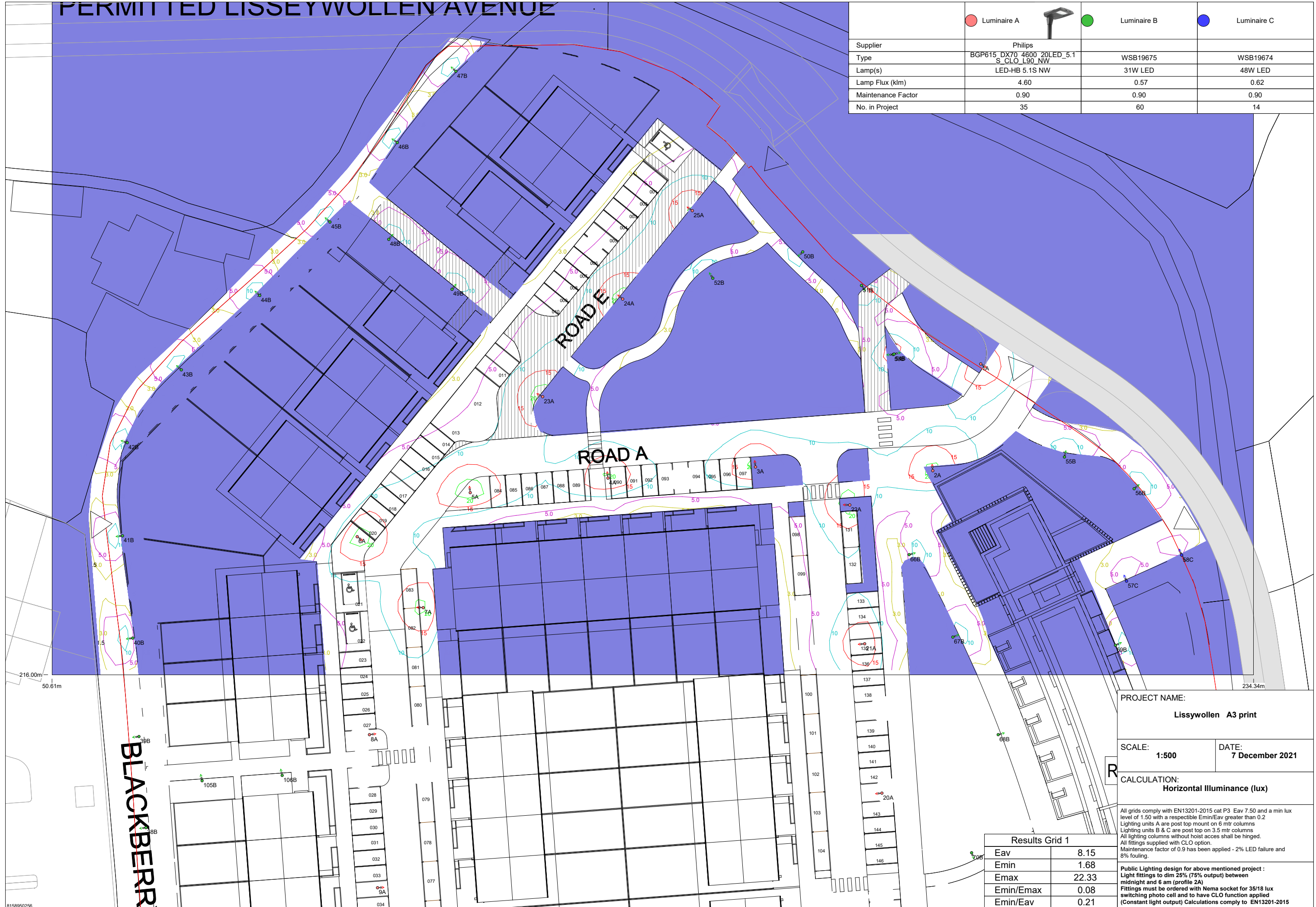


PERMITTED LISSEYWOLLEN AVENUE

	● Luminaire A 	● Luminaire B	● Luminaire C
Supplier	Philips		
Type	BGP615 DX70 4600 20LED 5.1 S_CLO_L90_NW	WSB19675	WSB19674
Lamp(s)	LED-HB 5.1S NW	31W LED	48W LED
Lamp Flux (klm)	4.60	0.57	0.62
Maintenance Factor	0.90	0.90	0.90
No. in Project	35	60	14



216.00m
50.61m

234.34m

BLACKBERR

PROJECT NAME:
Lissywollen A3 print

SCALE: **1:500** DATE: **7 December 2021**

CALCULATION:
Horizontal Illuminance (lux)

All grids comply with EN13201-2015 cat P3 Eav 7.50 and a min lux level of 1.50 with a respectable Emin/Eav greater than 0.2
Lighting units A are post top mount on 6 mtr columns
Lighting units B & C are post top on 3.5 mtr columns
All lighting columns without hoist access shall be hinged.
All fittings supplied with CLO option.
Maintenance factor of 0.9 has been applied - 2% LED failure and 8% fouling.

Results Grid 1	
Eav	8.15
Emin	1.68
Emax	22.33
Emin/Emax	0.08
Emin/Eav	0.21

Public Lighting design for above mentioned project :
Light fittings to dim 25% (75% output) between midnight and 6 am (profile 2A)
Fittings must be ordered with Nema socket for 35/18 lux switching photo cell and to have CLO function applied (Constant light output) Calculations comply to EN13201-2015