


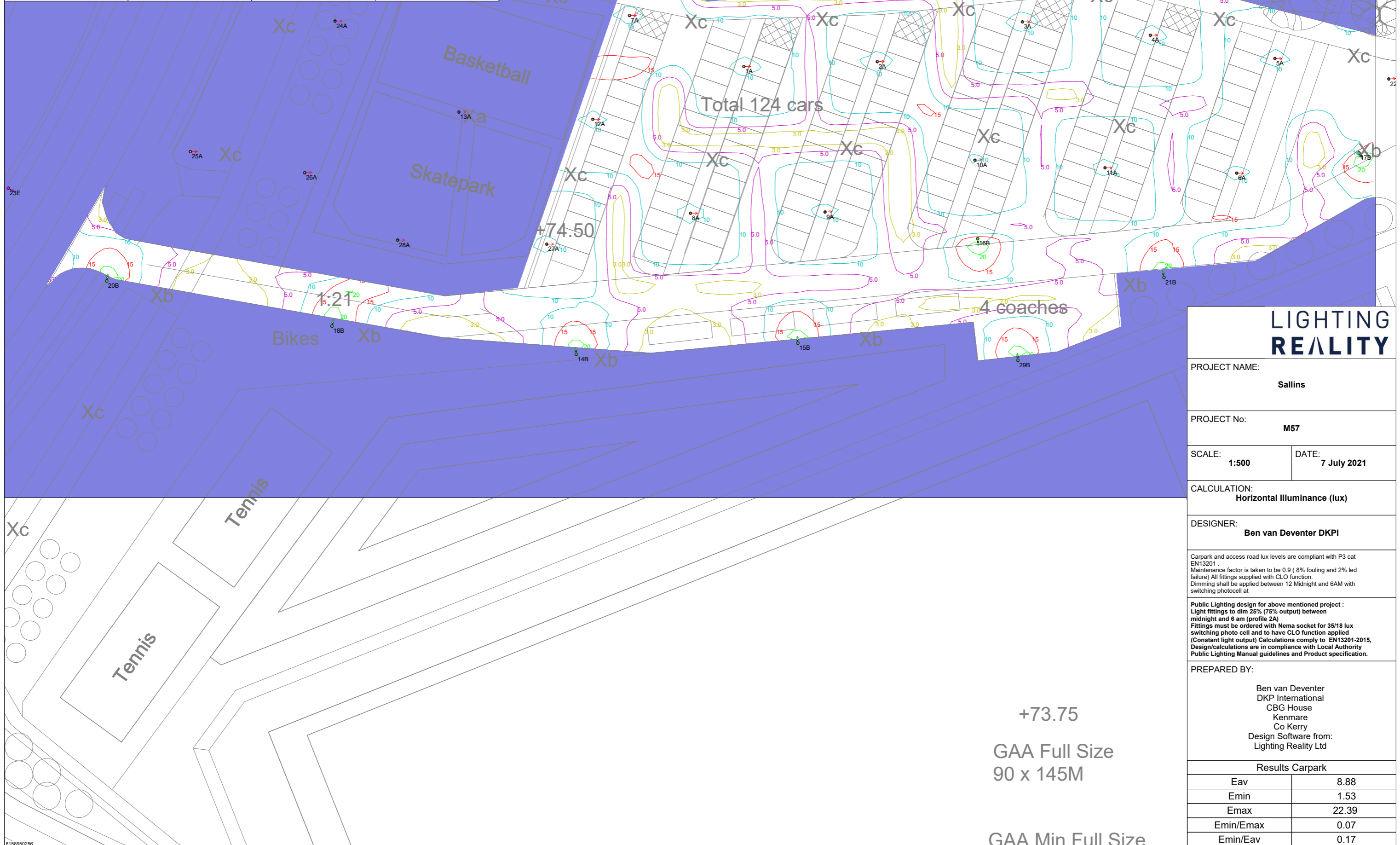
 Luminaire A	 Luminaire B	 Luminaire E 
Supplier	Philips		
Type	Faro 720 LED 500mA	York 1xLevo3L O3 20W	BGP621 DM12 10000 40LED_5 .1S_CLO_L90_NW
Lamp(s)	3x CXA3050 3000K 500mA 52W 5371A	1x16LED Levo3L 20W 350mA 3000K	LED-HB 5.1S NW
Lamp Flux (klm)	3.73	2.48	10.00
Maintenance Factor	0.90	0.90	0.90
No. in Project	20	8	1



LIGHTING REALITY

PROJECT NAME:		Sallins	
PROJECT No:		M57	
SCALE:	1:500	DATE:	7 July 2021
CALCULATION: Horizontal Illuminance (lux)			
DESIGNER: Ben van Deventer DKPI			
<p>Carpark and access road lux levels are compliant with P3 cat EN13201 . Maintenance factor is taken to be 0.9 (8% fouling and 2% led failure) All fittings supplied with CLO function. Dimming shall be applied between 12 Midnight and 6AM with switching photocell at</p> <p>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, Design/calculations are in compliance with Local Authority Public Lighting Manual guidelines and Product specification.</p>			
PREPARED BY:			
Ben van Deventer DKP International CBG House Kenmare Co Kerry Design Software from: Lighting Reality Ltd			
Results Carpark			
Eav	8.88		
Emin	1.53		
Emax	22.39		
Emin/Emax	0.07		
Emin/Eav	0.17		