


	● 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	9	4	1



Total 52 cars

LIGHTING REALITY

PROJECT NAME:		Sallins
PROJECT No:		M57
SCALE:	DATE:	
1:500	7 October 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	9.10	
Emin	1.56	
Emax	23.88	
Emin/Emax	0.07	
Emin/Eav	0.17	