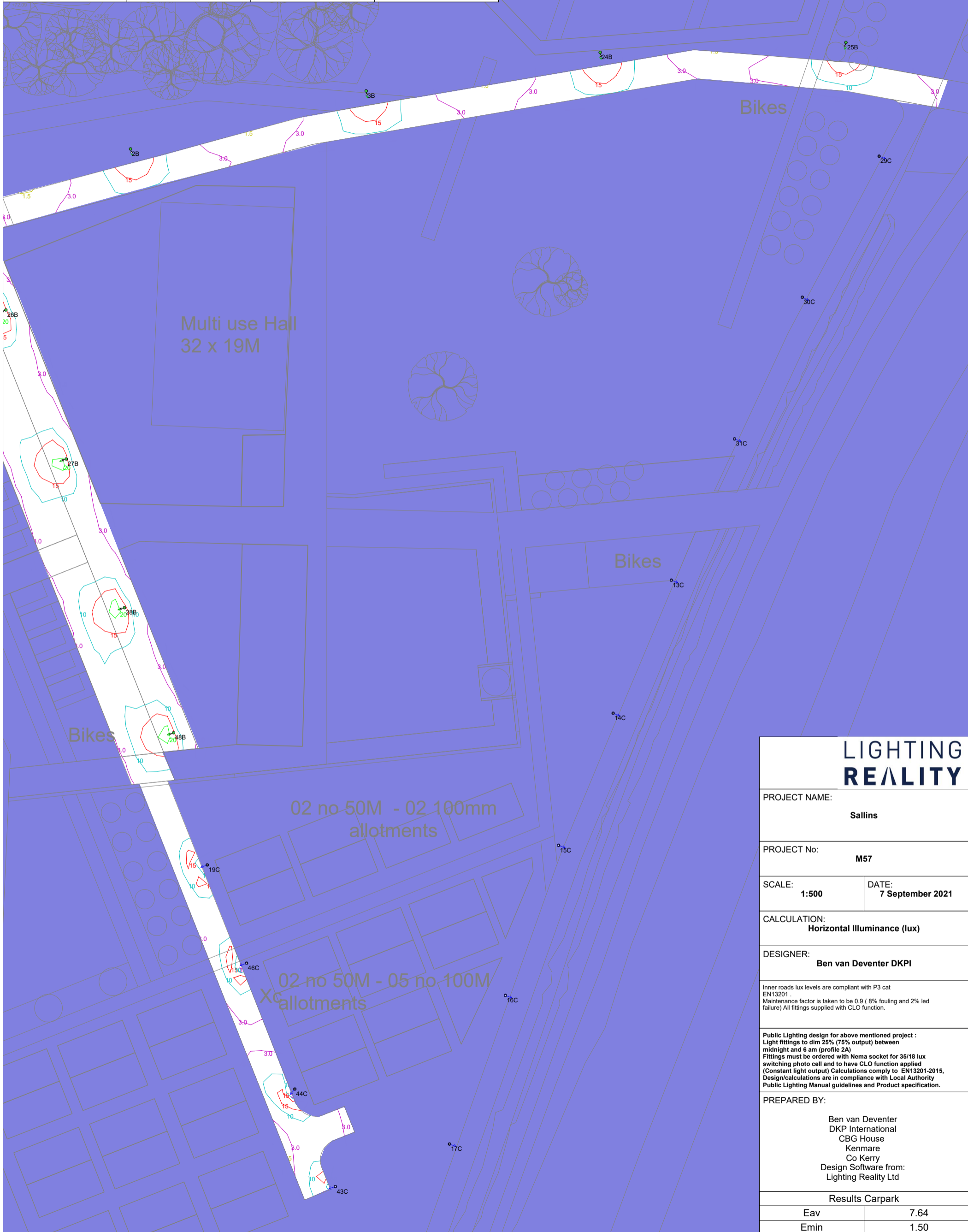


	● Luminaire A	● Luminaire B	● Luminaire C
Supplier			
Type	Faro 720 LED 500mA	York 1xLevo3L O3 20W	BDS490 T25 DM GRB DF-S LED 20/- NO
Lamp(s)	3x CXA3050 3000K 500mA 52W 5371A	1x16LED Levo3L 20W 350mA 3000K	LED20-4S/740
Lamp Flux (klm)	3.73	2.48	2.00
Maintenance Factor	0.90	0.90	0.90
No. in Project	1	9	13



# LIGHTING REALITY

PROJECT NAME:  
**Sallins**

PROJECT No:  
**M57**

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

CALCULATION:  
**Horizontal Illuminance (lux)**

DESIGNER:  
**Ben van Deventer DKPI**

Inner roads 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.

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.

PREPARED BY:  
  
Ben van Deventer  
DKP International  
CBG House  
Kenmare  
Co Kerry  
Design Software from:  
Lighting Reality Ltd

Results Carpark	
Eav	7.64
Emin	1.50
Emax	22.18
Emin/Emax	0.07
Emin/Eav	0.20