

DATE: 08 April 2019
DESIGNER: Peter Williams
PROJECT No: WLC208
PROJECT NAME: Camp Fields, Havant



The carrieway unmasked has been illuminated to lighting class P5 in accordance with BS5489 with SP Ratio Applied.

Levels Achieved - Horizontal Grid:
Eav: 2.87lux
Emin: 0.51lux

Vertical Grid (5m in height and 155m in length) has been provided to demonstrate minimal / zero impact on the vertical plane of the dark corridor.

Outdoor Lighting Report

PREPARED BY:

Williams Lighting Consultants Ltd.
Registered Address:
Exchange Building,
16 St. Cuthberts Street,
Bedford,
MK40 3JG
Registered in England and Wales
Company Reg. No. 10736462

Layout Report

General Data

Dimensions in Metres Angles in Degrees

Calculation Grids

ID	Grid Name	X	Y	X' Length	Y' Length	X' Spacing	Y' Spacing
1	Dark Corridor	473230.60	107750.62	135.21	176.33	1.49	1.49
2	Vertical Dark Corridor	473311.53	107923.83	155.93	5.00	1.50	1.25

Luminaires

Luminaire A Data

Supplier	
Type	AXIA 2.1 5167 Back louvers 8 NVSL219CT 690mA WW 230V [[see d
Lamp(s)	8 NVSL219CT690mA 230V
LampFlux(klm)/Colour	1.37 WW 3000K/CRI 80
File Name	AXIA 2.1 5167 8 NVSL219CT 690mA WW 19W 392562 [[sd] PC B] [Integrated lenses]...
Maintenance Factor	0.76
Imax70,80,90(cd/klm)	1272.4, 231.9, 0.0
Lamp S/P Ratio	0.00
No. in Project	6

Layout

ID	Type	X	Y	Height	Angle	Tilt	Cant	Out-reach	Target X	Target Y	Target Z
1	A	473363.46	107831.57	5.00	273.00	0.00	0.00	0.25			
2	A	473332.49	107817.04	5.00	112.00	0.00	0.00	0.25			
3	A	473303.85	107815.90	5.00	292.00	0.00	0.00	0.25			
4	A	473310.62	107838.41	5.00	22.00	0.00	0.00	0.25			
5	A	473303.54	107863.18	5.00	4.00	0.00	0.00	0.25			
6	A	473311.84	107902.38	5.00	343.00	0.00	0.00	0.25			

Horizontal Illuminance (lux)

Dark Corridor



Results

Eav	2.87
Emin	0.51
Emax	6.02
Emin/Emax	0.08
Emin/Eav	0.18

Illuminance (lux)

Vertical Dark Corridor

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Results

Eav	0.01
Emin	0.00
Emax	0.09
Emin/Emax	0.00
Emin/Eav	0.00