



Residential Carpark(Top)  
 Results - Horizontal Illuminance (lux)  
 Eav= 10.62  
 Emin= 1.76  
 Emax= 20.46  
 Emin/Emax= 0.09  
 Emin/Eav= 0.17  
 Emax/Eav= 1.93

Walkway/Pathway  
 Results - Horizontal Illuminance (lux)  
 Eav= 9.53  
 Emin= 1.57  
 Emax= 19.69  
 Emin/Emax= 0.08  
 Emin/Eav= 0.16  
 Emax/Eav= 2.07

Residential Carpark(Bottom)  
 Results - Horizontal Illuminance (lux)  
 Eav= 11.07  
 Emin= 2.22  
 Emax= 19.76  
 Emin/Emax= 0.11  
 Emin/Eav= 0.20  
 Emax/Eav= 1.78

Public Open Area  
 Results - Horizontal Illuminance (lux)  
 Eav= 5.29  
 Emin= 1.33  
 Emax= 12.66  
 Emin/Emax= 0.11  
 Emin/Eav= 0.25  
 Emax/Eav= 2.40

Public Open Area 2  
 Results - Horizontal Illuminance (lux)  
 Eav= 5.32  
 Emin= 1.70  
 Emax= 9.86  
 Emin/Emax= 0.17  
 Emin/Eav= 0.32  
 Emax/Eav= 1.85

Luminaire Data  
 Luminaire A AXIA 21 5167 Integrated lenses 16 DSLDN SQUARE GIANT@760mA  
 Lamp 16 DSLDN SQUARE GIANT@760mA NW 740 230V 00-36-648 MF 0.84  
 Luminaire B AXIA 21 5165 Integrated lenses 8 DSLDN SQUARE GIANT@350mA N  
 Lamp 8 DSLDN SQUARE GIANT@350mA NW 740 230V 00-36-648 MF 0.84  
 Luminaire C AXIA 21 5167 Integrated lenses 16 DSLDN SQUARE GIANT@400mA  
 Lamp 16 DSLDN SQUARE GIANT@400mA NW 740 230V 00-36-648 MF 0.84

- Key
- Luminaire A Column
  - Luminaire B Column
  - Luminaire C Column
  - Beam Aiming Target
  - Photometric Centre

All Dimensions in metres

P01 PART 8 SUBMISSION	DMcD SF	21.06.2024
REV DESCRIPTION	DRN CKD	DATE
ISSUE	PLANNING STAGE	



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PROJECT TITLE  
 NDFA SOCIAL HOUSING BUNDLE 4  
 WELLMOUNT ROAD, FINGLAS

DRAWING TITLE  
 DEVELOPMENT AT WELLMOUNT ROAD SITE  
 ILLUMINANCE PLOT

DRAWING REFERENCE	DRN	SCALE
SHB4-WRF-DR-SMK-ME-P3-6000	DMcD	A1 1:250