



PROJECT NAME:
**Social Housing at St Gonats Estate
 Ballyjourney**

PROJECT No: **O64**

SCALE: **1:500** DATE: **19 November 2024**

CALCULATION:
Horizontal Illuminance (lux)

DESIGNER:
DKPI

Inner parking area and pedestrian routes are designed to comply with PL. Existing areas are marked off to highlight new area for PL.
 Columns operated with 14,24,34 and 104 are existing HCN 11 REPLACED LED units and are shown and used for calculation purposes only.
 Columns marked 7B, 8C and 9C shall be hanging columns for maintenance purposes.
 U15 dimming shall be applied.

PRINT SIZE:
A1

Public Lighting design for above mentioned project :
 Public Lighting for estate roads and pedestrian pathways for this development has been designed to comply with EN13201-2015 and according to the Public Lighting standards and Local Authorities guidelines.
 All luminaire shall be mounted using 7 pin NEMA socket and have 20/18 lux switching ratio.

Results Grid 1	
Eav	5.03
Emin	1.04
Emin/Emax	12.64
Emin/Emax	0.08
Emin/Eav	0.21

	Luminaire A	Luminaire B	Luminaire C
Supplier	Philips	Philips	Philips
Type	BCP702 DXX1	BCP702 DX70	BCP702 DRM2
Lamp(s)	LED-HB 5.28 730	LED-HB 5.28 730	LED-HB 5.28 730
Lamp Flux (lm)	4.60	3.20	0.80
Maintenance Factor	0.80	0.80	0.80
No. in Project	5	3	3

