



LIGHTING REALITY

PROJECT NAME:
Gloynhaune Development Public Lighting

PROJECT No: 60592432

SCALE: 1:1000 DATE: 1 September 2021

CALCULATION: Horizontal Illuminance (lux)

DESIGNER: Frank Kelly

Maintenance Factor - 0.84

Amended to New Layout 01-09-2021
Amended to Apartment (Grid 9) 07-09-2021
Amended to New Layout (Grid 7) 01-10-2021
Parking to C3 (Grids 8 and 9) 01-10-2021

PREPARED BY:

FILE NAME
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Results Grid 1 - P4	
Eav	5.84
Emin	1.20
Emax	26.18
Emin/Emax	0.05
Emin/Eav	0.21
Results Grid 2 - P4	
Eav	5.56
Emin	1.11
Emax	16.27
Emin/Emax	0.07
Emin/Eav	0.20
Results Grid 3 - P4	
Eav	5.45
Emin	1.33
Emax	16.36
Emin/Emax	0.08
Emin/Eav	0.24
Results Grid 4 - P4	
Eav	5.59
Emin	1.14
Emax	16.62
Emin/Emax	0.07
Emin/Eav	0.20
Results Grid 5 - P4	
Eav	5.54
Emin	1.09
Emax	16.94
Emin/Emax	0.06
Emin/Eav	0.20
Results Grid 6 - P4	
Eav	5.70
Emin	1.16
Emax	15.33
Emin/Emax	0.08
Emin/Eav	0.20
Results Grid 7 - P4	
Eav	5.96
Emin	1.19
Emax	17.48
Emin/Emax	0.07
Emin/Eav	0.20
Results Grid 8 - Parking C3	
Eav	16.08
Emin	5.61
Emax	30.76
Emin/Emax	0.18
Emin/Eav	0.35
Results Grid 9 - Parking C3	
Eav	15.23
Emin	6.07
Emax	36.63
Emin/Emax	0.17
Emin/Eav	0.40

Supplier	Luminaire A	Luminaire B	Luminaire C	Luminaire D	Luminaire E
Urbs Schreder	AXIA 11 12701 Integrated luminaire 8 OS (ON SQUARE GIANT) 1800	AXIA 13 12911 Integrated luminaire 32 OS (ON SQUARE GIANT) 1800	AXIA 11 12981 Integrated luminaire 8 OS (ON SQUARE GIANT) 1800	AXIA 13 12981 Integrated luminaire 24 OS (ON SQUARE GIANT) 1800	AMPFRA MINI PLE 161 1214 24 OS (ON SQUARE GIANT) 1800
Type (Lamp)	8 OS (ON SQUARE GIANT) 1800	32 OS (ON SQUARE GIANT) 1800	8 OS (ON SQUARE GIANT) 1800	24 OS (ON SQUARE GIANT) 1800	24 OS (ON SQUARE GIANT) 1800
Lamp Flux (lm)	1.96	9.61	1.96	8.51	8.00
Maintenance Factor	0.84	0.84	0.84	0.84	0.84
No. in Project	101	2	70	3	2