

Design Inputs:

:Lighting design level is PC3 as per AS/NZS 1158.3.1:2020- 3.7

:PC3 minimum Horizonal Illuminance is 0.7 Lux or greater Average Horizontal Illuminance to be 3.5 Lux or greater.

:PCD The disable carparks must have a minimum Horizontal Illuminance of 14 Lux.

:Uniformity (Max/Av) must be less than 8.

:Selected luminaire is the GL520 7022 OPTIC LED

:Mounting pole height is 6.1m

:Outreach arm is 1m, Tilt is zero.

:Colour 4000K

Isolux Legend:

RED =0.7 LUX, MAGENTA =3.5 LUX, GREEN =14 LUX.

Calculation Summary						
Project: Project_1						
Label	CalcType	Units	Avg	Max	Min	Max/Avg
MAIN CARPARK	Illuminance	Lux	11.00	24.6	3.2	2.24
PCD 1	Illuminance	Lux	19.35	22.1	16.0	1.14
PCD 2	Illuminance	Lux	19.08	20.4	15.1	1.07
PCD 3	Illuminance	Lux	18.48	20.4	15.3	1.10

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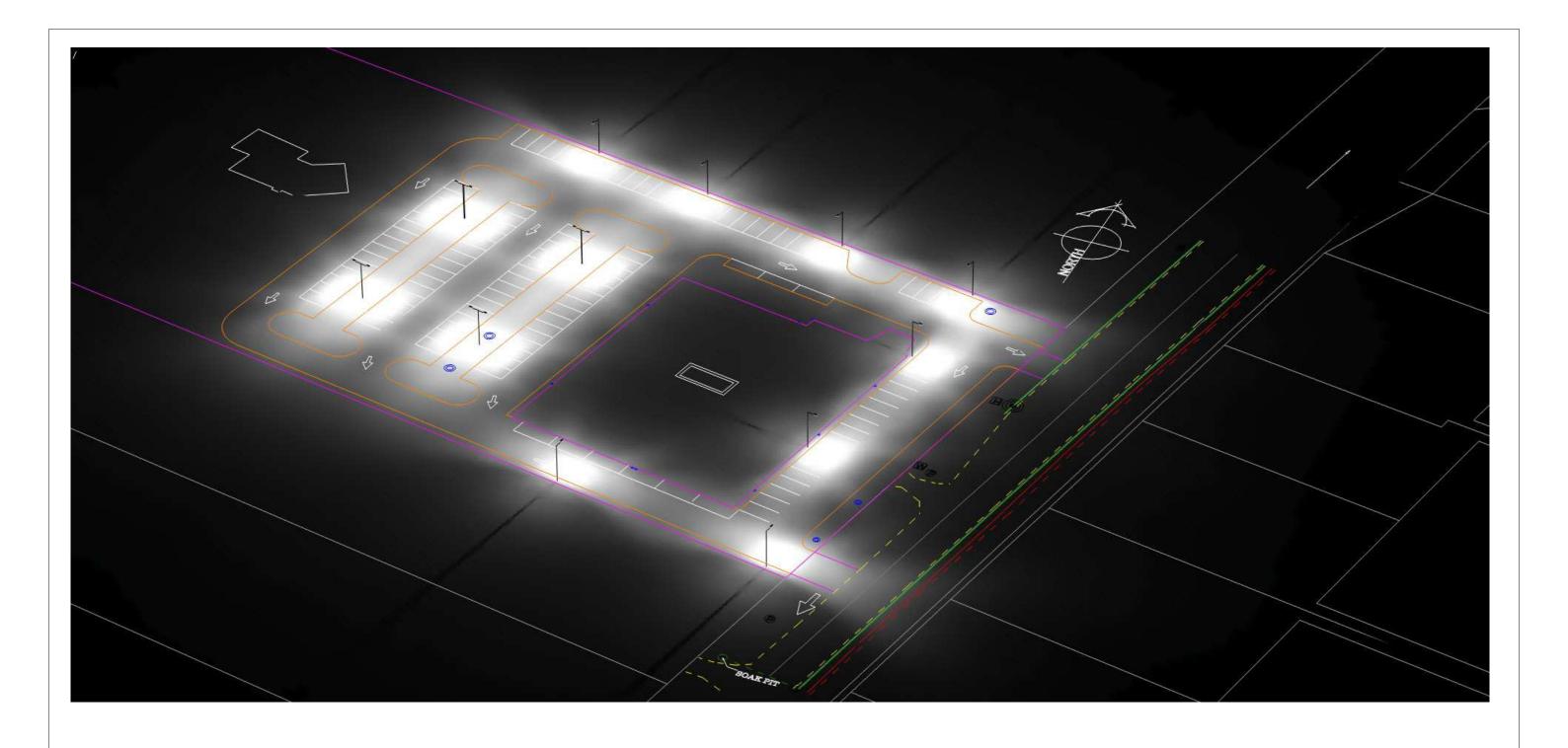
REV	DATE	<u>COMMENTS</u>	<u>DESIGNED</u>	P
R0	03/05/2023	Original design	A.RUITER	
R1	04/05/2023	Mounting height increased to 6.1m.	A.RUITER	
R2				
R3				_
R4				<u>C</u>
R5				

PROJECT
CORNERSTONE CHURCH
CARPARK PC3
CONTACT
Jeff.Richardson@betacom.co.nz

CLIENT	
	CORNERSTONE CHURCH
	Marcus Brandrick
	SPUNLITE

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sheet A3
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SIMULATED RENDERED VIEW

Luminaire Sched	lule					
Symbol	Qty	Label	LLF	Tag	Lum. Watts	Total Watts
	16	BET11784 GL520 LDCA 7022 24	0.800	L25	25	400

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<u>REV</u>	DATE	<u>COMMENTS</u>	DESIGNED	PROJECT
R0	03/05/2023	Original design	A.RUITER	CORN
R1	04/05/2023	Mounting height increased to 6.1m.	A.RUITER	CARPA
R2				
R3				CONTACT
R4				<u>contact</u> Jeff.Rich

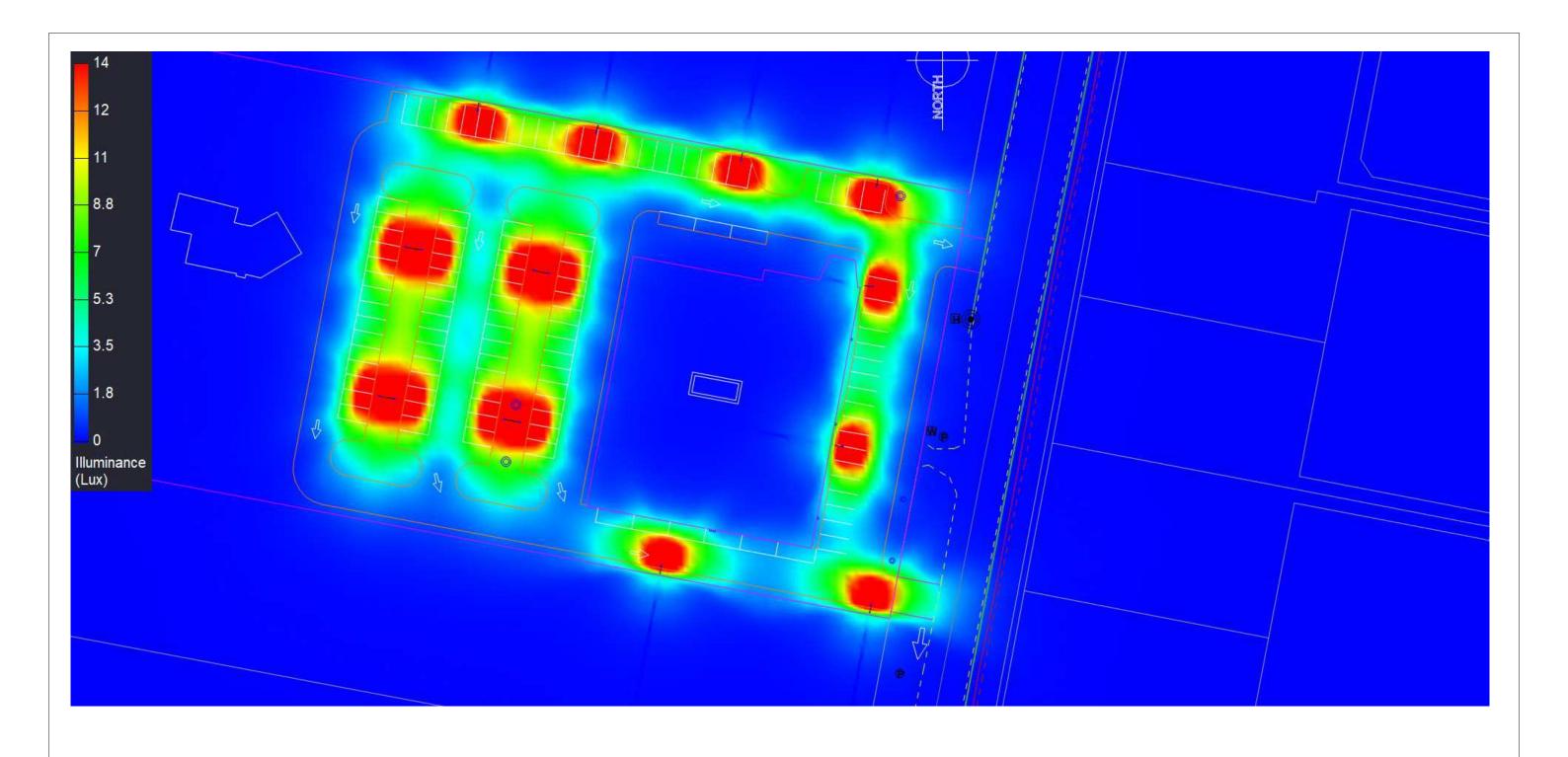
PROJECT
CORNERSTONE CHURCH
CARPARK PC3

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	Marcus Brandrick
	SPUNLITE

CORNERSTONE CHURCH	REVISION R1
Marcus Brandrick	SHEET
SPUNLITE	A3

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Jeff.Richardson@betacom.co.nz	Cornerstoned.AGI

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SIMULATED ISOLUX 14 LUX MAXIMUM VIEW

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<u>REV</u>	DATE	<u>COMMENTS</u>	DESIGNED	PROJECT
R0	03/05/2023	Original design	A.RUITER	CORNERSTONE CHURCH
R1	04/05/2023	Mounting height increased to 6.1m.	A.RUITER	CARPARK PC3
R2				Critirities
R3				CONTACT
R4				Jeff.Richardson@betacom.co.nz
R5				OCIT. NOTICI (GOOTILG) DELCOTTI.CO.TIZ

PROJECT
CORNERSTONE CHURCH
CARPARK PC3

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	Marcus Brandrick
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CORNERSTONE CHURCH	REVISION R1
Marcus Brandrick SPUNLITE	sheet A3
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