



NOTE

THIS DRAWING IS INTENDED TO CONVEY THE DESIGN CONCEPT ONLY. IT IS EXPECTED THAT THE DESIGN WILL BE FURTHER DEVELOPED.

THIS DESIGN IS BASED ON THE LIMITED INFORMATION PROVIDED AND MUST BE REVIEWED AND INTEGRATED INTO THE BUILDING DESIGN BY THE ELECTRICAL ENGINEER AND ELECTRICAL CONTRACTOR.

ILLUMINATION AND LIGHTING UNIFORMITY HAS BEEN BASED AROUND THE RELEVANT SECTIONS OF AS/NZS158.3.1 LIGHTING FOR ROADS AND PUBLIC SPACES - PART 3.1 PEDESTRIAN AREA (CATEGORY P) LIGHTING

THE ILLUMINATION LEVELS SHOWN ARE HORIZONTAL MAINTAINED AT GROUND LEVEL.

THE LIGHT LOSS FACTOR USED WAS CALCULATED TO COMPLY WITH AS/NZS1680.4.2001.

- CLEANING OF LUMINAIRES AND ROOM SURFACES IN A NORMAL ENVIRONMENT EVERY 24 MONTHS.
- L70 LED OUTPUT (50,000 HOURS APPROX)
- SPOT REPLACEMENT OF FAILED LAMPS

COMPLIANCE WITH SPILL LIGHT AS/NZS4282 HAS NOT BEEN EVALUATED.

COMPLIANCE WITH THE EMERGENCY AND EXIT SIGN STANDARD AS/NZS2293 HAS NOT BEEN EVALUATED.

PHOTOMETRIC DATA SUPPLIED BY MANUFACTURER. LIGHTING CALCULATION SOFTWARE USED IS AGI32 - 19.0

PLEASE ENSURE LIGHTING LEVELS ARE AS EXPECTED.

Luminaire Schedule						
Symbol	Qty	Label	Arrangement	Total Lamp Lumens	LLF	Description
AL	5	AL	Single	5836.7	0.800	HJR Lighting HJRAL50 50W LED Area Light
FL	9	FL	Single	28718.49	0.800	HJR Lighting HJRF200 200W LED Floodlight

Calculation Summary								
Label	CalcType	Units	Avg	Max	Min	Min/Avg	Min/Max	
Car Parks	Illuminance	Lux	46.38	96.2	0.6	0.01	0.01	
Circulation Road	Illuminance	Lux	49.63	145.2	0.3	0.01	0.00	

Preliminary Lighting Design for HJR Lighting 		NOTES THIS LIGHTING PLAN WAS DEVELOPED FROM LIMITED INFORMATION SUPPLIED AND DERIVED FROM A MODIFIED PDF DRAWING. INACCURACIES MAY BE PREVELANT DUE TO THE CONVERSION OF THIS PDF TO DWG. A MORE ACCURATE LIGHTING DESIGN CAN BE ACHIEVED WITH RECEIPT OF THE ORIGINAL CAD DRAWING. LUMINAIRES LOCATED AS PER DRAWING SUPPLIED.	PROJECT: 9 GRAND AVENUE CAMELLIA NSW 2142	TITLE: CAR PARK LIGHTING PLAN	Date	10/11/2022	Drawn	RA
					Scale		Checked	
					Job No.		Design	HJR/NA92
					Ref No.	HJR/NA92	Drawing No.	DA900
HJR LIGHTING PTY LTD Unit 2 / 67 Menangle Street Picton NSW 2571		RAND LIGHTING SERVICES PTY LTD (ABN 48244398214) 181 - 183 Peppertree Drive Jimboomba QLD 4280 Mobile - 0400 593787						