



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 DESIGNED TO COMPLY WITH THE RELEVANT SECTIONS OF AS1680, AS1680.2.1:2008 CIRCULATION SPACES.

THE ILLUMINATION VALUES SHOWN ARE HORIZONTAL MAINTAINED AT FLOOR LEVEL.

THE LIGHT LOSS FACTOR USED WAS CALCULATED TO COMPLY WITH AS1680.4:2001
 - 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

TOTAL ILLUMINATION POWER DENSITY DOES NOT EXCEED THE MAXIMUM VALUES NOMINATED IN SECTION J6 OF THE BUILDING CODE OF AUSTRALIA.



COMPLIANCE WITH SPILL LIGHT AUSTRALIAN STANDARD AS4282 HAS NOT BEEN EVALUATED,

COMPLIANCE WITH THE EMERGENCY AND EXIT SIGN AUSTRALIAN STANDARD AS2293 HAS NOT BEEN EVALUATED.

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

PLEASE ENSURE LIGHTING LEVELS ARE AS EXPECTED.

Luminaire Schedule

Symbol	Qty	Label	Arrangement	Total Lamp Lumens	LLF	Description
	69	F1	SINGLE	3954	0.700	HJR Lighting HJR1230-38W-4000K 38w LED Panel 4000K
	19	L1	SINGLE	846.1517	0.700	HJR Lighting HJRBL-770-840-280 G1) Linear Extrusion

Calculation Summary

Label	CalcType	Units	Avg	Max	Min	Min/Avg	Min/Max
Breakout_Workplane	Illuminance	Lux	485.48	667.1	273.6	0.56	0.41
Intervention_Workplane	Illuminance	Lux	521.60	622.0	404.6	0.78	0.65
Learning 1	Illuminance	Lux	345.10	502.2	46.1	0.13	0.09
Learning 2	Illuminance	Lux	327.09	493.8	83.4	0.25	0.17
Learning 3	Illuminance	Lux	487.62	610.3	272.9	0.56	0.45
Learning 4	Illuminance	Lux	495.97	666.0	361.5	0.73	0.54
Learning 5	Illuminance	Lux	387.65	577.6	247.0	0.64	0.43
Learning 6	Illuminance	Lux	395.47	490.0	236.3	0.60	0.48

LPD Area Summary

Label	Area	Total Watts	LPD
Total Undercover	380.12	2770.619	7.289



Project: ST JOSEPH'S CATHOLIC PRIMARY SCHOOL
 BLOCK B UPGRADE WORKS
 KINGSWOOD NSW 2747

Client: HJR LIGHTING
 PICTON NSW

Project No.	Quote No	Date
		1ST DEC 2017

Drawing No. 4563-E-3 4563-E-4	Designed By: Robert Anderson
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Revision No.	File:
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