



# ELECTRICAL DESIGN GROUP

ELECTRICAL BUILDING SERVICES CONSULTANTS

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C3747a - MELBOURNE HOTEL, BUNDABERG

C3747a-0006(A).xls

DISTRIBUTION BOARD DB-L

REVISION A - 07 MAY 2026

FAULT CURRENT: 6KA							MAIN SWITCH: 160A NON AUTO LOAD BREAK	REV A
CHASSIS SIZE: 48 POLE							SOURCE: MSB	A
CHASSIS RATING: 250A							SUPPLY CABLE: 4C+E 35	A
PHASES: 3								A
REFER TO THE EQUIPMENT SCHEDULE AND NOTES FOR ADDITIONAL REQUIREMENTS. PROVIDE THE DB WITH A FULL WIDTH EMPTY DIN RAIL TO ACCOMMODATE FUTURE CONTACTORS AND CONTROLS IN ADDITION TO THE CONTROLS INCLUDING THE DYNALITE EQUIPMENT PROVIDED AS PART OF THE INITIAL WORKS. PROVIDE THE DB WITH AN AS2293 EMERGENCY LIGHTING CONTROL SYSTEM TO CONTROL THE ASSOCIATED EMERGENCY LIGHTS. PROVIDE THE DB WITH SURGE PROTECTION. ENSURE THE SCHEDULE INCLUDES THE CIRCUIT USE AND LOCATION.								A
CIRC	PH	CIRCUIT BREAKER (amps)	CONTROL EQUIPMENT	CABLE SIZE ( mm <sup>2</sup> )	LOCATION	CIRCUIT USE		
L1	1	20	RCBO	2.5	INTERNAL	LIGHTS	A	
L2	1	20	RCBO	2.5	INTERNAL	LIGHTS	A	
L3	1	20	RCBO	2.5	ROOF	SIGN	A	
L4	1	20	RCBO	2.5	EXTERNAL	SIGN	A	
L5	1	20	RCBO	2.5	EXTERNAL	SIGN	A	
L6	1	20	RCBO	2.5	INTERNAL	LIGHTS	A	
L7	1	20	RCBO	2.5	INTERNAL	LIGHTS	A	
L8	1	20	RCBO	2.5	INTERNAL	LIGHTS	A	
L9	1	20	RCBO	2.5	INTERNAL	LIGHTS	A	
L10	1	20	RCBO	2.5	INTERNAL	LIGHTS	A	
L11	1	20	RCBO	2.5	INTERNAL	LIGHTS	A	
L12	1	20	RCBO	2.5	INTERNAL	LIGHTS	A	
L13	1	20	RCBO	2.5	INTERNAL	LIGHTS	A	
L14	1	20	RCBO	2.5	INTERNAL	LIGHTS	A	
L15	1	20	RCBO	2.5	KITCHEN	LIGHTS	A	
L16	1	20	RCBO	2.5	SPORTS BAR	FANS	A	
L17	1	20	RCBO	2.5	GAMING DOSA	FANS	A	