



# ELECTRICAL DESIGN GROUP

ELECTRICAL BUILDING SERVICES CONSULTANTS

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**C3599a - TI-TREE COLLECTIVE**

**C3599a-0004(C).xls**

**DISTRIBUTION BOARD DB-L**

**REVISION C - 28 APRIL 2026**

							REV
FAULT CURRENT:	6KA	MAIN SWITCH:				100A NON AUTO LOAD BREAK	A
CHASSIS SIZE:	30 POLE	SUPPLIED FROM:				MSB	A
CHASSIS RATING:	250A	SUPPLY CABLE:				4C+E 16	C
PHASES:	3						A

PROVIDE THE DB WITH A FULL WIDTH EMPTY DIN RAIL TO ACCOMMODATE FUTURE CONTACTORS AND CONTROLS. PROVIDE THE DB WITH AN AS2293 EMERGENCY LIGHTING CONTROL SYSTEM TO CONTROL THE ASSOCIATED EMERGENCY LIGHTS. PROVIDE THE DB WITH SURGE PROTECTION. REFER TO THE NOTES FOR ADDITIONAL REQUIREMENTS

CIRC	PH	CIRCUIT BREAKER (amps)	CONTROL EQUIPMENT	CABLE SIZE ( mm <sup>2</sup> )	LOCATION	CIRCUIT USE	
L1	1	20	RCBO	2.5	PLANT / STAIRS	LIGHTING	B
L2	1	20	RCBO MS	2.5	CARPARK	LIGHTING	B
L3	1	20	RCBO MS	2.5	CARPARK	LIGHTING	B
L4	1	20	RCBO PE CELL ON DUSK OFF DAWN	2.5	EXTERNAL	SECURITY LIGHTING	B
L5	1	20	RCBO PE CELL ON DUSK TC OFF 10.00PM	2.5	EXTERNAL	LANDSCAPE LIGHTING	C
L6	1	20	RCBO PE CELL ON DUSK TC OFF 10.00PM	2.5	EXTERNAL	POOL DECK LIGHTING	C
L7	1	20	RCBO PE CELL ON DUSK OFF DAWN	2.5	EXTERNAL	ENTRY LIGHTING	B
L8	1	20	RCBO	2.5	LOBBIES	LIGHTING	B
L9	1	20	RCBO PE CELL ON DUSK TC OFF 10.00PM	2.5	GROUND	LANDSCAPE LIGHTING	B
L10	1	20	RCBO PE CELL ON DUSK TC OFF 10.00PM	2.5	LEVEL 1	LANDSCAPE LIGHTING	B
L11	1	20	RCBO PE CELL ON DUSK OFF DAWN	2.5	GROUND	WALKWAY LIGHTING	C
							B
							B
							B
							B
							B
							B
							B
							A
							A