

STANDARDS

DESIGNED IN ACCORDANCE WITH, FABRICATED AND INSTALLED TO MEET THE FOLLOWING STANDARDS:

- AS1428.4.1 - TACTILE GROUND SURFACE INDICATORS FOR THE ORIENTATION OF PEOPLE WITH VISION IMPAIRMENT.
- AUSTROADS GUIDE TO ROAD DESIGN, PART 6B: ROADSIDE ENVIRONMENT.
- AS1158.3.1 - ROAD LIGHTING, PART 3.1: PEDESTRIAN AREA (CATEGORY P) LIGHTING - PERFORMANCE AND INSTALLATION DESIGN REQUIREMENTS.
- AS1627.4 - METAL FINISHING - PREPARATION AND PRE-TREATMENT OF SURFACES - ABRASIVE BLAST CLEANING OF STEEL.
- AS2312/AMD1 - GUIDE TO PROTECTION OF IRON AND STEEL AGAINST EXTERIOR ATMOSPHERIC CORROSION.
- AS4680 - HOT DIP GALVANISING.
- AS4506 - METAL FINISHING-THERMOSET POWDER COATINGS.
- AS/NZS3000 - ELECTRICAL INSTALLATIONS

NOTES:

- PART SHOULD BE SUPPLIED CLEAN AND FREE FROM MARKS, BURRS, SCUFFS, DISTORTION AND WARPAGE.
- ALL TOLERANCES ± 1.5mm UNLESS OTHERWISE SPECIFIED.
 - DRAWING TO AS1100 DRAWING STANDARDS.
 - WELDING TO BE IN ACCORDANCE WITH AS1554.1 CAT GP WELDING, ALL SHARP EDGES & BURRS REMOVED.
 - POWDER COATING TO BE IN ACCORDANCE TO AS4506 EXTERNAL EXPOSURE STANDARD WITH PRE-TREATMENT SAND BLAST, ZINC PHOSPHATE, ETC.
 - ENSURE ANTI-SEIZE IS ON ALL NUTS AND BOLTS PRIOR TO ASSEMBLY.
 - 316 S.S. AND 316 S.S. FASTENERS TO BE USED THROUGHOUT FOR COASTAL INSTALLATIONS OR ANY ENVIRONMENT WITH HIGH CORROSION.
 - ANY DESIGN AMENDMENTS THAT DIFFER FROM THESE DRAWINGS, INCLUDING LUMINAIRE OR OTHER POLE LOADING REQUIREMENTS WILL REQUIRE CERTIFICATION FROM A SUITABLY QUALIFIED ENGINEER.


MATERIALS

- MATERIAL: MILD STEEL G350
- COLOUR: DULUX METROPOLIS STORM PEARL OR APPROVED EQUIVALENT.
- FINISH: HOT DIP GALVANISED AND POWDER COATED

DESIGN NOTES:

- STRUCTURAL ELEMENTS DESIGNED FOR THE FOLLOWING WIND CONDITIONS:
 - LOCATION AND WIND: CITY OF BRISBANE. REGION B, ULTIMATE VR: 57 m/s, SERVICEABILITY VR: 39m/s
 - COMPONENTS CERTIFIED: MAIN STRUCTURE
- SHOULD CONDITIONS VARY FROM THOSE DESCRIBED, SEEK PROFESSIONAL ENGINEERING ADVICE.
- LED LUMINAIRE, ACCESS HATCH, LOGO BADGE AND MAIN BODY ASSEMBLY AS PER MANUFACTURER'S SPECIFICATIONS.
- ORIGINAL CERTIFICATION SHALL NOT BE CONSTRUED AS RELIEVING ANY OTHER PARTY OR THEIR RESPONSIBILITIES, LIABILITIES OR CONTRACTUAL OBLIGATIONS.

THE FITNESS FOR PURPOSE OF THIS STANDARD DRAWING FOR A SPECIFIC PROJECT SHALL BE ASSESSED AND ACCEPTED BY A SUITABLY QUALIFIED REGISTERED PROFESSIONAL ENGINEER OF QUEENSLAND (RPEQ).

	BRISBANE CITY COUNCIL STANDARD DRAWING		PUBLISH DATE March 2021	
	5 METRE PEDESTRIAN LIGHT POLE MAIN BODY DETAILS SHEET 3 OF 7		SCALE 1:10	
			DRAWING NUMBER BSD-11005	
	ORIGINAL SIZE A3		REVISION A	