



Our ref: 20-2115
Enquiries: F du Toit
Tel: (012) 653 2959
Fax: 086 605 8568
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Powermite (Pty) Ltd.
47 Galaxy Road,
Linbro Business Park.
Frankenwald
Sandton
2090

MASC Report No: 20-2115

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**INGRESS PROTECTION (IP66)
AZOLITE IP 66 RANGE
TYPE: AZO-AC07015E 58W 230V**

1. SUBJECT

The IP Assessment of the AZOLITE IP 66 Range Type: AZO-AC07015E 58W 230V was conducted in accordance with:

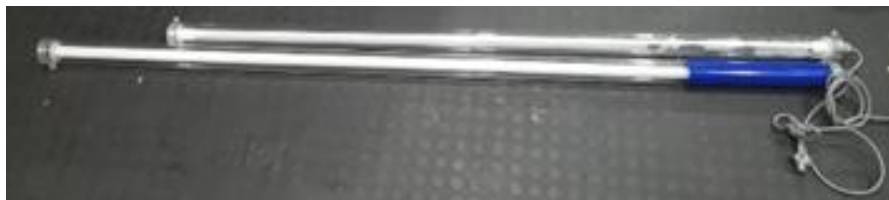
- **SANS / (IEC) 60529 (Ed 1.2) 2013** “Degrees of protection provided by enclosure” (IP Code) clauses **13.6 and 14.2.6**

2. DESCRIPTION

2.1 GENERAL

The lights was manufactured from Polycarbonate tubes with a blank of cap on the one side and another on the other that houses an IP66 gland and connection cable. The ranges come in LED range as well as Fluorescent in approximate sizes of 2 Ft, 4Ft, 5Ft and 6Ft.

The enclosure maintained an IP rating by means of the two endcaps cemented in place.



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2.2 DRAWINGS...

2.2 DRAWINGS AND DOCUMENTATION

There were no drawings submitted.
Photographs of the relevant enclosure are kept in the project file.

3. SELECTION OF SPECIMEN

The test sponsor supplied the enclosure for testing.

4. TEST METHODS AND RESULTS

The unit were tested in MASC Lab. Lab notes are kept in MASC project file.

From the above results the enclosure **COMPLIES** with the requirements for IP66.

6. CONDITIONS

- All gaskets must remain intact to maintain the IP ratings.
- Gland entries must maintain IP66 by installation and use of suitably rated glands.
- Endcaps must be cemented in place.

7. VALIDITY OF THIS REPORT

Any modification to the unit will invalidate the applicability of this report to the equipment.

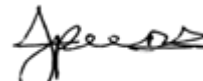
This report only covers the unit as tested.

According to the relevant requirements of the MHS Act and the OHS Act, production units of explosion protected equipment are required to comply with third party quality assurance (an approved mark scheme or batch testing by an accredited test laboratory.)

On behalf of MASC



F du Toit
TECHNICAL SPECIALIST



J Peens
TECHNICAL SPECIALIST

Mining And Surface Certification

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