

K-LITE	INTRUSION PROTECTION IP TEST REPORT	Doc. No. KL/LAB/IPT1289
		Rev. No. 00

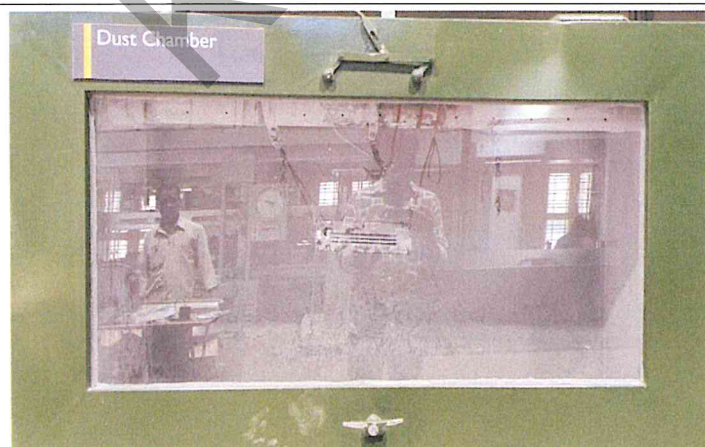
Product / EUT Details

Product Name	SUDO - GRID
Product ID	2742
Test Location	K-LITE Testing Laboratory
Report Date	07/05/21
Reference Sl. No.	SUDO - GRID/289/IPT1289

IP-6X (DUST TEST) – Conforming to IEC 60529

Test Equipment	Dust proof Apparatus (Refer figure below)
Test Protection	Solid Foreign Object
Category	2
Dust Used	Talcum Powder
Temperature	Ambient
Test Date	07/05/21
Test Duration	8 Hours – (9:35 am to 5:35 pm)
EUT Condition	Power OFF

Requirement	Results	Remarks
No deposit of dust inside the EUT.	No ingress of dust observed on EUT.	P
P→ Passed (Meets requirement); F→ Failed (Does not meet requirement); NA→ Limits of Performance Not Applicable.		



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TL – OPTIC LAB

Premkumar.P
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Head - QC

Muthukumar.C.R
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Manager - Design

K-LITE	MOISTURE PROTECTION IP TEST REPORT	Doc. No. KL/LAB/IPT1289
		Rev. No. 00

Product / EUT Details

Product Name	SUDO - GRID
Product ID	2742
Test Location	K-LITE Testing Laboratory
Report Date	07/05/21
Reference Sl. No.	SUDO - GRID/289/IPT1289





IP-X5 (JET PROOF TEST) – Conforming to IEC 60529

Test Equipment	Sharadatronic Jet proof/Rainfall test setup (Refer figure below)
Spray	6.3mm nozzle jet
Total water flow rate	12.5 Ltr/min.
Distance from Nozzle to EUT	Within 3mtr.
Test Date	07/05/21
Test Duration	3 Minutes
EUT Condition	Power OFF

Requirement	Results	Remarks
Water projected by a nozzle against the EUT from any direction shall have no harmful effects.	No ingress of water observed on EUT.	P
P→ Passed (Meets requirement); F→ Failed (Does not meet requirement); NA→ Limits of Performance Not Applicable.		



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 Tested by Balamurugan.S Jr. Engineer Illumination – OPTIC LAB	 Reviewed by Akram Basha.H TL – OPTIC LAB	 Witnessed by Premkumar. P Head - QC	 Approved by Muthukumaran.C.R Manager - Design
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K-LITE	INTRUSION PROTECTION IP TEST REPORT	Doc. No. KL/LAB/IPT1313
		Rev. No. 00

Product / EUT Details

Product Name	SUDO MINI - GRID
Product ID	2746
Test Location	K-LITE Testing Laboratory
Report Date	27/05/21
Reference Sl. No.	SUDO MINI - GRID/313/IPT1313





IP-6X (DUST TEST) – Conforming to IEC 60529

Test Equipment	Dust proof Apparatus (Refer figure below)
Test Protection	Solid Foreign Object
Category	2
Dust Used	Talcum Powder
Temperature	Ambient
Test Date	27/05/21
Test Duration	8 Hours – (9:20 am to 5:20 pm)
EUT Condition	Power OFF

Requirement	Results	Remarks
No deposit of dust inside the EUT.	No ingress of dust observed on EUT.	P
P→ Passed (Meets requirement); F→ Failed (Does not meet requirement); NA→ Limits of Performance Not Applicable.		



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K-LITE	MOISTURE PROTECTION IP TEST REPORT	Doc. No. KL/LAB/IPT1313
		Rev. No. 00

Product / EUT Details

Product Name	SUDO MINI - GRID
Product ID	2746
Test Location	K-LITE Testing Laboratory
Report Date	27/05/21
Reference Sl. No.	SUDO MINI - GRID/313/IPT1313





IP-X5 (JET PROOF TEST) – Conforming to IEC 60529

Test Equipment	Sharadatronic Jet proof/Rainfall test setup (Refer figure below)
Spray	6.3mm nozzle jet
Total water flow rate	12.5 Ltr/min.
Distance from Nozzle to EUT	Within 3mtr.
Test Date	27/05/21
Test Duration	3 Minutes
EUT Condition	Power OFF

Requirement	Results	Remarks
Water projected by a nozzle against the EUT from any direction shall have no harmful effects.	No ingress of water observed on EUT.	P
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K-LITE	INTRUSION PROTECTION IP TEST REPORT	Doc. No. KL/LAB/IPT1312
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Product / EUT Details

Product Name	SUDO - GRID
Product ID	2755
Test Location	K-LITE Testing Laboratory
Report Date	26/05/21
Reference Sl. No.	SUDO - GRID/312/IPT1312

IP-6X (DUST TEST) – Conforming to IEC 60529

Test Equipment	Dust proof Apparatus (Refer figure below)
Test Protection	Solid Foreign Object
Category	2
Dust Used	Talcum Powder
Temperature	Ambient
Test Date	26/05/21
Test Duration	8 Hours – (9:20 am to 5:20 pm)
EUT Condition	Power OFF

Requirement	Results	Remarks
No deposit of dust inside the EUT.	No ingress of dust observed on EUT.	P
P→ Passed (Meets requirement); F→ Failed (Does not meet requirement); NA→ Limits of Performance Not Applicable.		



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K-LITE	MOISTURE PROTECTION IP TEST REPORT	Doc. No. KL/LAB/IPT1312
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Product / EUT Details

Product Name	SUDO - GRID
Product ID	2755
Test Location	K-LITE Testing Laboratory
Report Date	26/05/21
Reference Sl. No.	SUDO - GRID/312/IPT1312

IP-X5 (JET PROOF TEST) – Conforming to IEC 60529

Test Equipment	Sharadatronic Jet proof/Rainfall test setup (Refer figure below)
Spray	6.3mm nozzle jet
Total water flow rate	12.5 Ltr/min.
Distance from Nozzle to EUT	Within 3mtr.
Test Date	26/05/21
Test Duration	3 Minutes
EUT Condition	Power OFF

Requirement	Results	Remarks
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