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優力國際安全認證有限公司

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Report Number: 4791956562-1a

Composite High Temperature Test – Test Report

Applicant	PARAGON SEMICONDUCTOR LIGHTING TECHNOLOGY CO LTD
Address of Applicant	3F No 369 Sec 2 Wenhua 2Nd Rd Linkou Dist New Taipei City, 244 TW
Testing Laboratory	Underwriters Laboratories Taiwan Co., Ltd.
Testing Address	No. 35, Sec. 2, Zhongyang S. Rd., Beitou Dist., Taipei City 112, Taiwan
Test Type/Program	Composite temperature and humidity cyclic Test
Test Model	TTL-225-50-480V-11Z, TTL-350-50-480V-11Z TTL-500-50-480V-11Z, TTL-035-50-480V-001-10
Test Quantities	4 LED Luminaires
Rel. Lot No.	Refer to Testing Information
Test standard, edition	According to clien's request, refer to the requirement of MIL-STD-810H.
Date of Test	2025-09-19 ~ 2025-09-26
Date of Issue	2025-10-13

General Information:

Test results are valid only for the tested items.

This report shall not be reproduced except in full without the written approval of the testing laboratory. For statement of conformity, simple acceptance (Section 8.2.1 of ISO/IEC Guide 98-4) was applied as decision rule for measurement in this test report.

- Pass - the measured value is below the acceptance limit, AL = TL
- Fail - the measured value is above the acceptance limit, AL = TL
- AL: Acceptance Limit
- TL: Tolerance Limit (Specification Limit)
- Level of risk: PFA (Probability of False Accept) less than 50 %

Tested by : John J. Ye / John J. Ye
Laboratory Technician

Approved by : Silvia Wu / Silvia Wu
Engineer Project Associate

Testing Information

Test Type/ Program	High Temperature Test
Device	LED Luminaires
Condition	115°C for 168 hours
Test Result	Before and after test of 168 hours, all 4 LED Luminaires are operated normally and lighted up.
Rel. Lot No.	N/A
Electrical Rating	480Vac, 225W for TTL-225-50-480V-11Z 480Vac, 350W for TTL-350-50-480V-11Z 480Vac, 500W for TTL-500-50-480V-11Z 480Vac, 35W for TTL-035-50-480V-001-10
Quantity	4
Sample Tag No.	8927289-S1 8930287-S1 8930289-S1 8930293-S1
Disclaimer	N/A

Equipment List

UL test equipment information is recorded on Meter Use of Aurora Database.

Pictures of LED Luminaire High Temperature Test

Specimen Setup of High Temperature Test



TTL-225-50-480V-11Z



TTL-500-50-480V-11Z




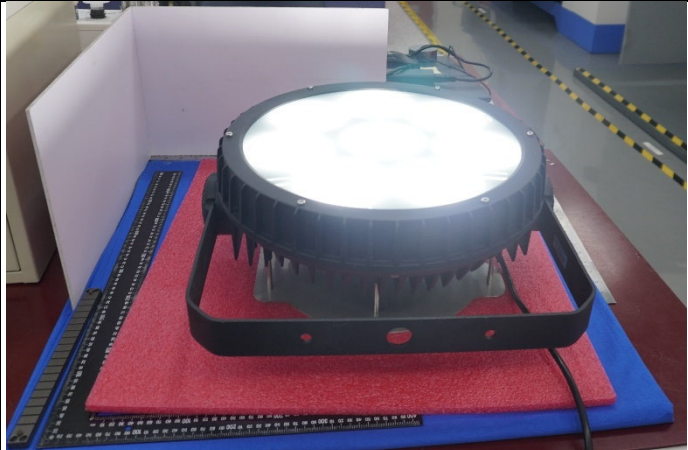


TTL-350-50-480V-11Z

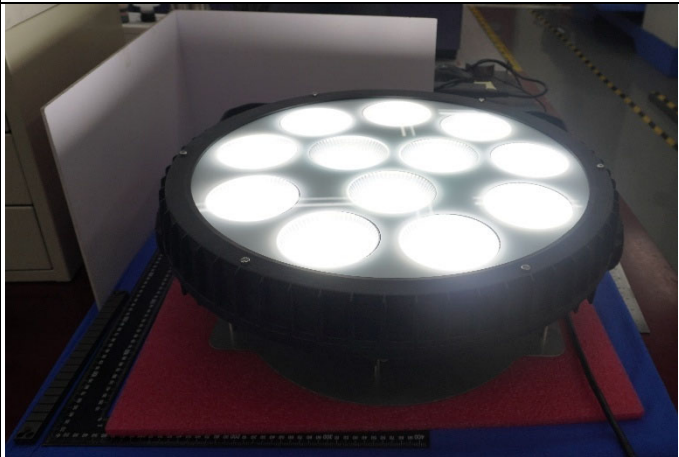
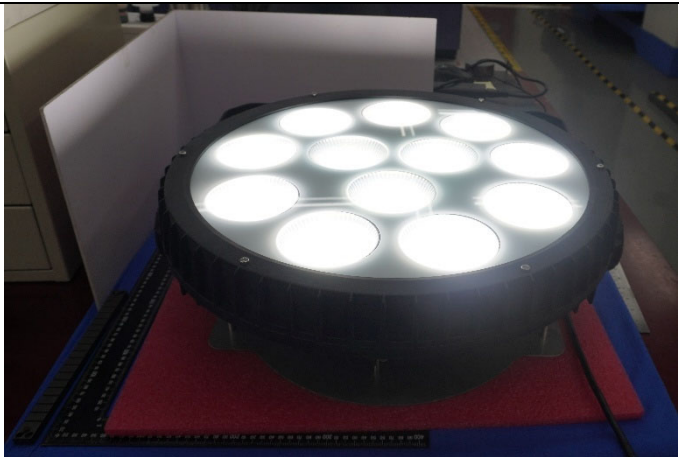
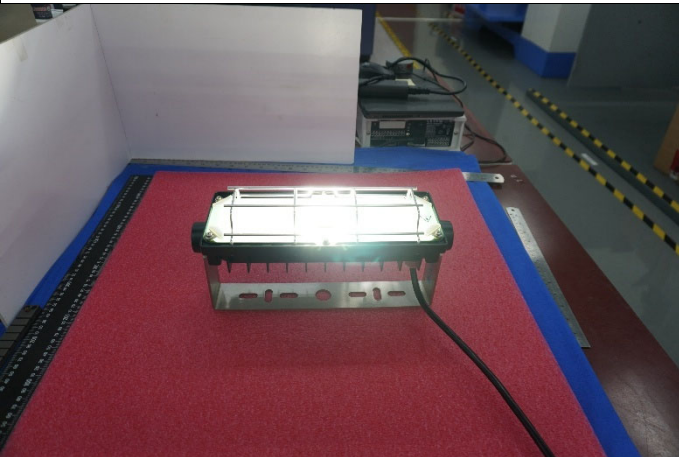
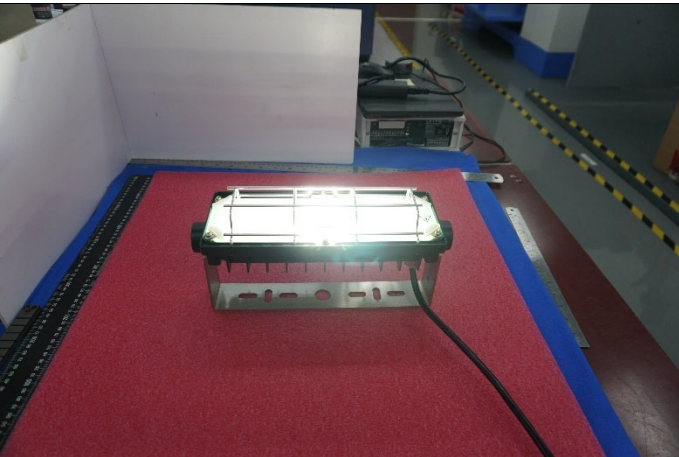


TTL-035-50-480V-001-10

Pictures of Test Sample

Specimen photos of High Temperature Test	
Before test	After test of 168 hours
 <p>TTL-225-50-480V-11Z</p>	 <p>TTL-225-50-480V-11Z</p>
 <p>TTL-350-50-480V-11Z</p>	 <p>TTL-350-50-480V-11Z</p>

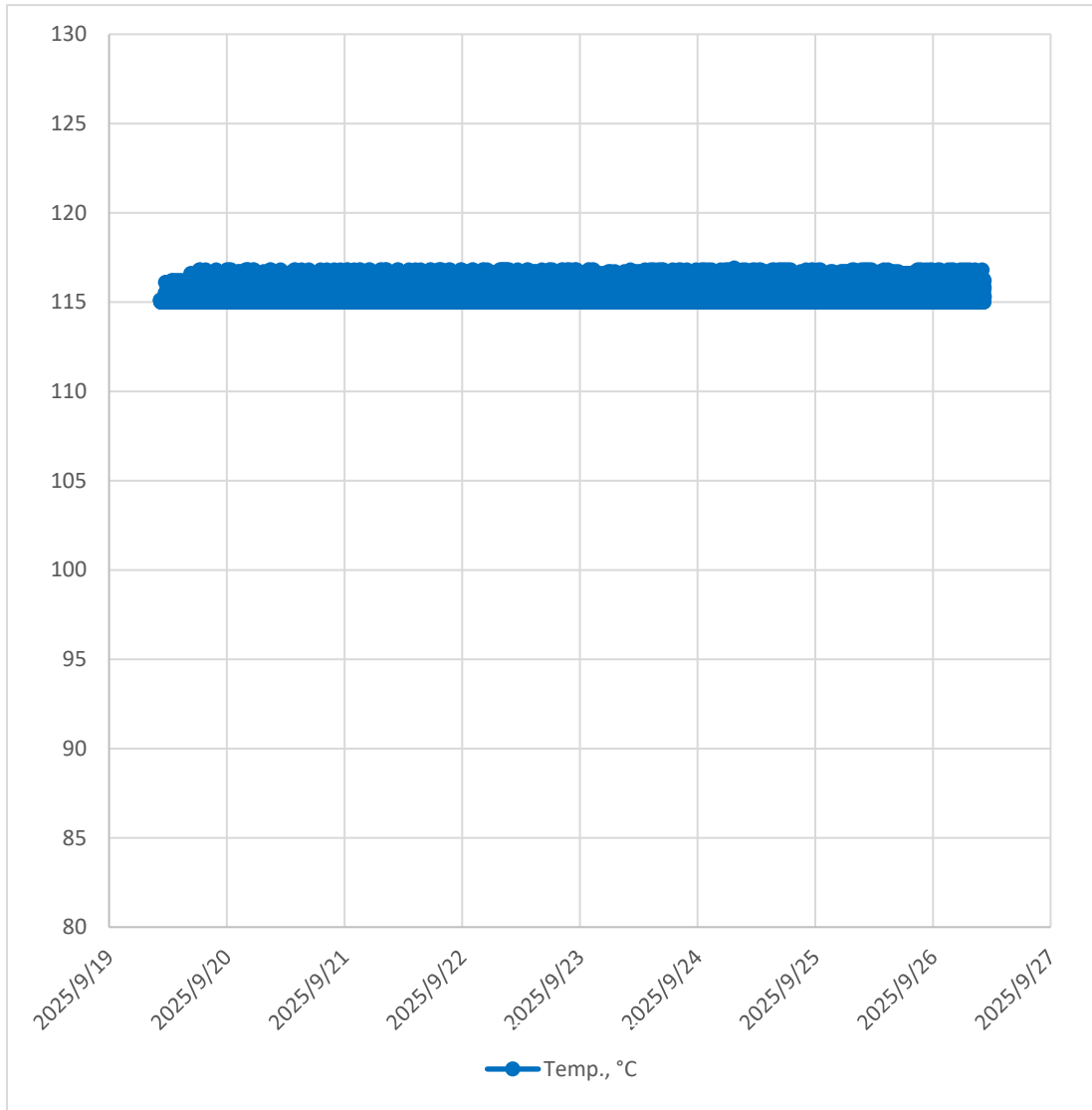
Pictures of Test Sample (Cont'd)

Specimen photos of High Temperature Test	
Before test	After test of 168 Hours
 <p>TTL-500-50-480V-11Z</p>	 <p>TTL-500-50-480V-11Z</p>
 <p>TTL-035-50-480V-001-10</p>	 <p>TTL-035-50-480V-001-10</p>

Profile of Test Result and Condition

168 Hours of High Temperature Test

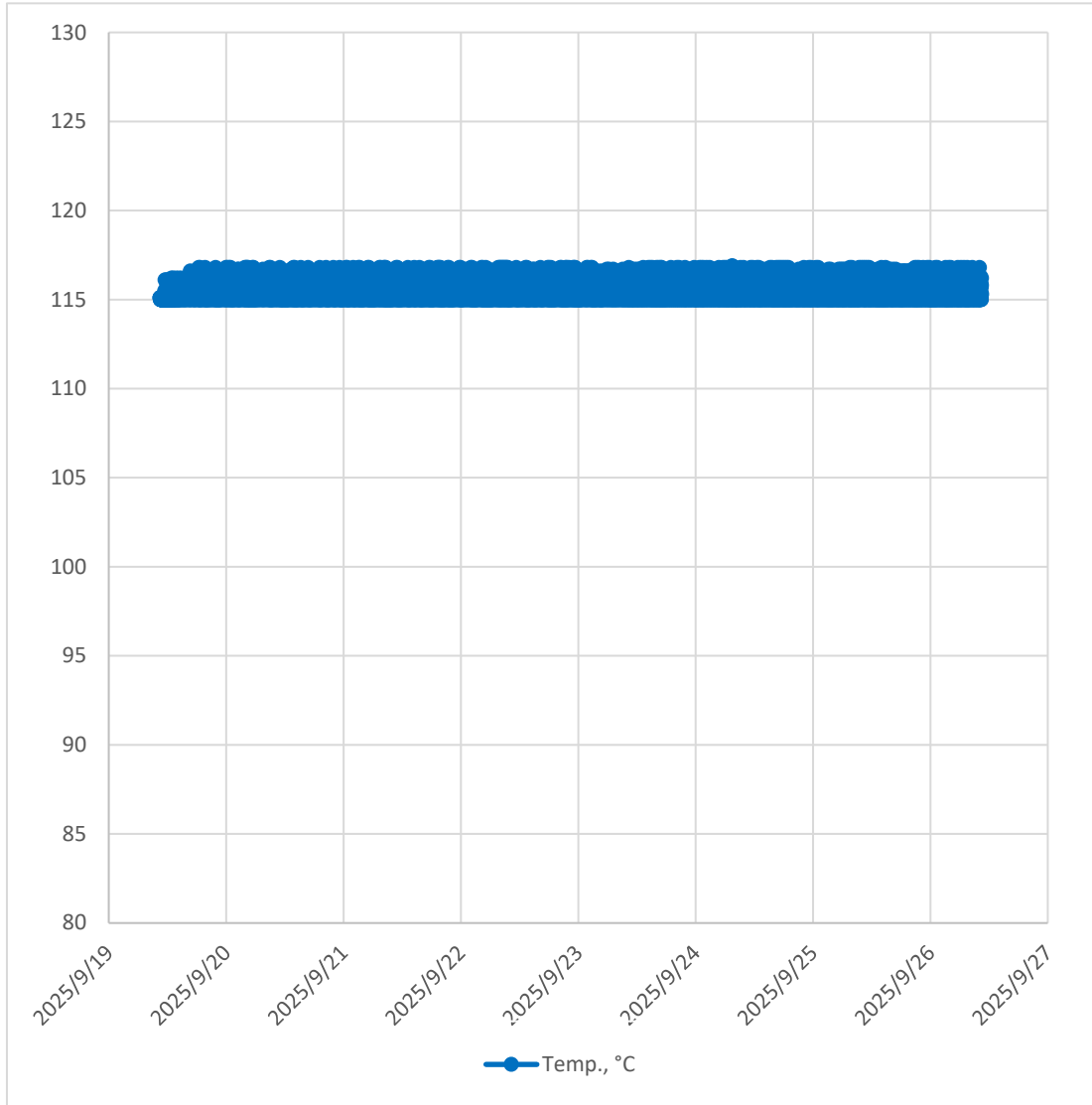
TTL-225-50-480V-11Z



Profile of Test Result and Condition (Cont'd)

168 Hours of High Temperature Test

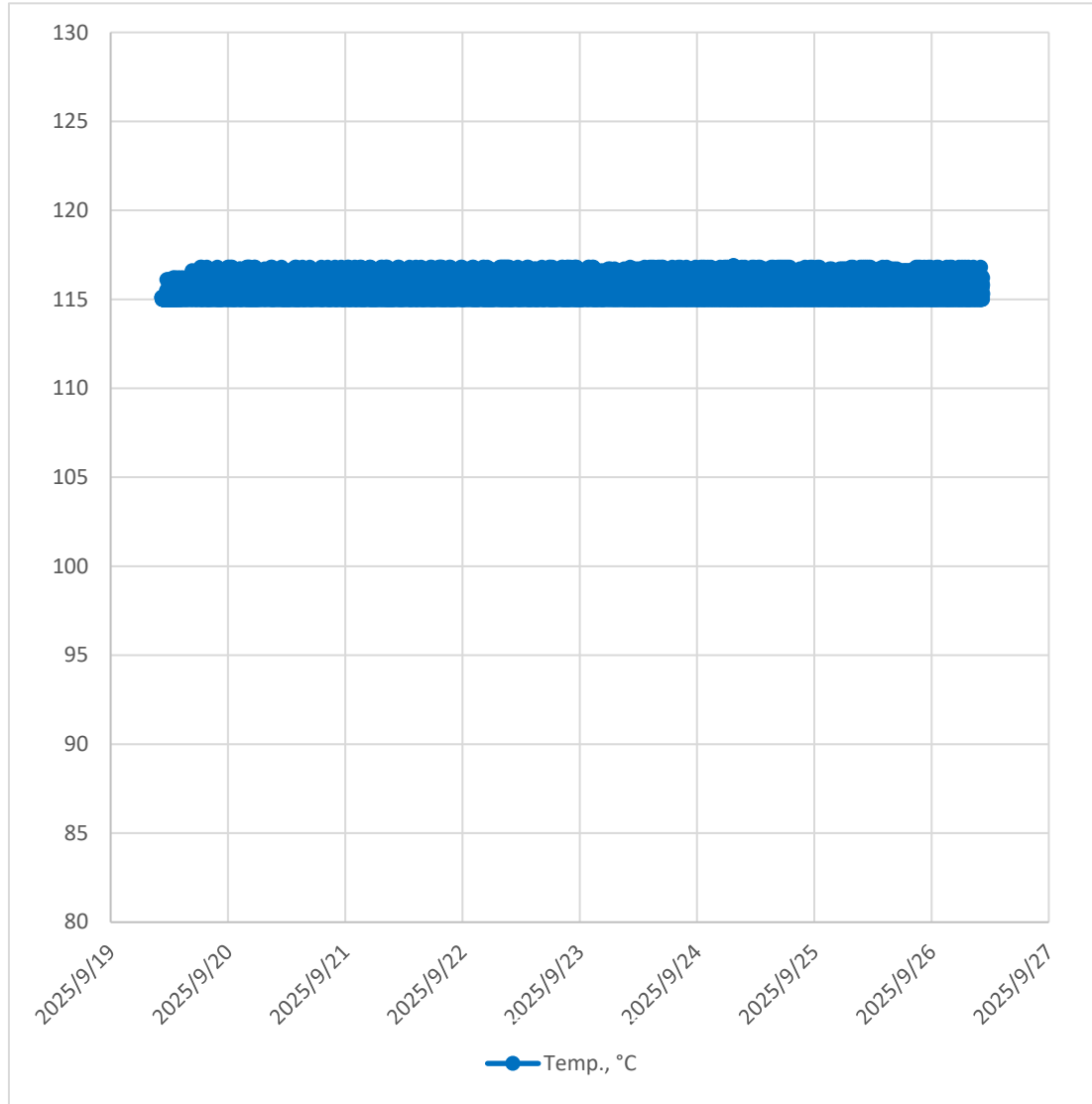
TTL-350-50-480V-11Z



Profile of Test Result and Condition (Cont'd)

168 Hours of High Temperature Test

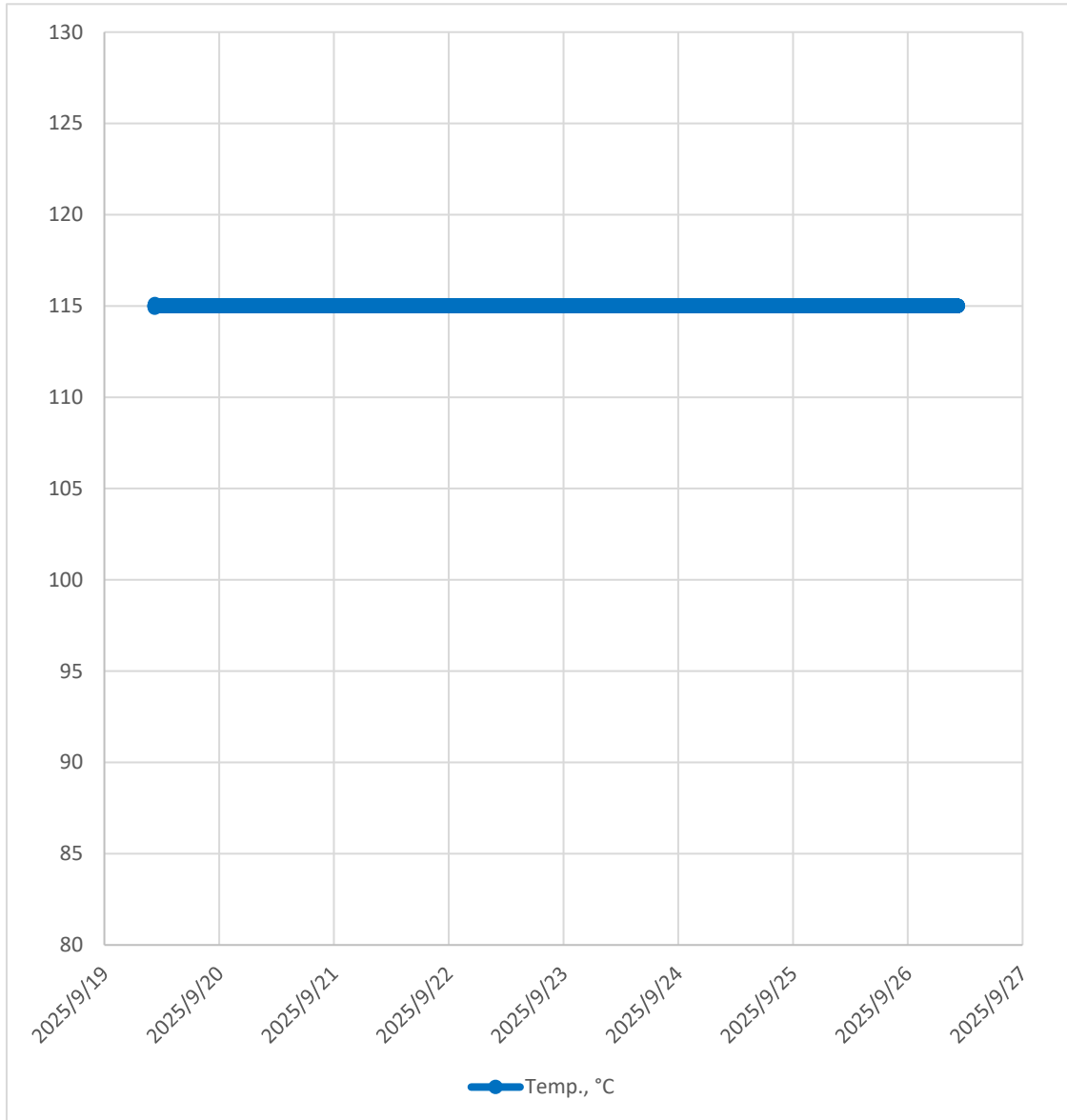
TTL-500-50-480V-11Z



Profile of Test Result and Condition (Cont'd)

168 Hours of High Temperature Test

TTL-035-50-480V-001-10



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