Certificate Number UL-CA-L347623-21-50015102-5

Report Reference E347623-20151005

Date 17-Apr-2021

Issued to: SAMSUNG ELECTRONICS CO LTD

1 Samsung-ro Giheung-gu Yongin-si, Gyeonggi-do,

Republic of Korea 17113

This is to certify that representative samples of

OOQL8 - Light-emitting-diode Packages Certified for

Canada - Component

See Addendum Page for Product Designation(s).

Have been investigated by UL in accordance with the component requirements in the Standard(s) indicated on this Certificate. UL Recognized components are incomplete

in certain constructional features or restricted in

performance capabilities and are intended for installation in complete equipment submitted for investigation to UL LLC.

Standard(s) for Safety: CSA C22.2 NO. 250.13-17, 3rd Ed., Issue Date: 2017-10-

01

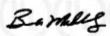
Additional Information: See the UL Online Certifications Directory at

https://iq.ulprospector.com for additional information

This *Certificate of Compliance* does not provide authorization to apply the UL Recognized Component Mark. Only the UL Follow-Up Services Procedure provides authorization to apply the UL Mark.

Only those products bearing the UL Recognized Component Mark should be considered as being UL Certified and covered under UL's Follow-Up Services.

Look for the UL Recognized Component Mark on the product.





Certificate Number UL-CA-L347623-21-50015102-5

Report Reference E347623-20151005

Date 17-Apr-2021

This is to certify that representative samples of the product as specified on this certificate were tested according to the current UL requirements

Model	Category Description
SPMWH1221########	LED Packages
SPMWH1224########	LED Packages
SPMWH1225########	LED Packages
SPMWH1226########	LED Packages
SPMWH1228########	LED Packages
SPMWH1229########	LED Packages
SPMWH122C########	LED Packages
SPMWH2228########	LED Packages
SPMWH2229########	LED Packages
SPMWH3228########	LED Packages
SPMWH4228########	LED Packages
SPMWH4229########	LED Packages
SPMWHHD29#######	LED Packages
SPMWHHN29#######	LED Packages





Certificate Number UL-US-L347623-11-50015102-5

Report Reference E347623-20151005

Date 17-Apr-2021

Issued to: SAMSUNG ELECTRONICS CO LTD

1 Samsung-ro Giheung-gu Yongin-si, Gyeonggi-do,

Republic of Korea 17113

This is to certify that OOQL representative samples of

OOQL2 - Light-emitting-diode Packages - Component

See Addendum Page for Product Designation(s).

Have been investigated by UL in accordance with the component requirements in the Standard(s) indicated on this Certificate. UL Recognized components are incomplete

in certain constructional features or restricted in

performance capabilities and are intended for installation in complete equipment submitted for investigation to UL LLC.

Standard(s) for Safety: UL 8750, 2nd Ed., Issue Date: 2015-09-15, Revision Date:

2020-09-11

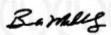
Additional Information: See the UL Online Certifications Directory at

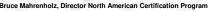
https://ig.ulprospector.com for additional information

This *Certificate of Compliance* does not provide authorization to apply the UL Recognized Component Mark. Only the UL Follow-Up Services Procedure provides authorization to apply the UL Mark.

Only those products bearing the UL Recognized Component Mark should be considered as being UL Certified and covered under UL's Follow-Up Services.

Look for the UL Recognized Component Mark on the product.







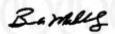
Certificate Number UL-US-L347623-11-50015102-5

Report Reference E347623-20151005

Date 17-Apr-2021

This is to certify that representative samples of the product as specified on this certificate were tested according to the current UL requirements

Model	Category Description
SPMWH1221########	LED Packages
SPMWH1224#######	LED Packages
SPMWH1225########	LED Packages
SPMWH1226########	LED Packages
SPMWH1228########	LED Packages
SPMWH1229#######	LED Packages
SPMWH122C########	LED Packages
SPMWH2228########	LED Packages
SPMWH2229########	LED Packages
SPMWH3228########	LED Packages
SPMWH4228########	LED Packages
SPMWH4229########	LED Packages
SPMWHHD29#######	LED Packages
SPMWHHN29#######	LED Packages



Bruce Mahrenholz, Director North American Certification Program

UL LLC

