ODL, Inc.

ASA

TO BE USED AS LITE FRAME MATERIAL FOR DOOR ASSEMBLIES

L F Schmidt

L. F. SCHMIDT
LICENSE
No. 43409
STATE OF FLORIDA
PROFESSIONAL ENGINEER

Digitally signed by Lyndon F Schmidt
Date: 2023.07.26 10:28:27 -04'00'

This item has been digitally signed and sealed by **L. F. Schmidt, P.E.** on the date adjacent to the seal.

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THIS PRODUCT APPROVAL IS VALID ONLY FOR THE STATE OF FLORIDA

ASA (Gen 1) MATERIAL PROPERTIES

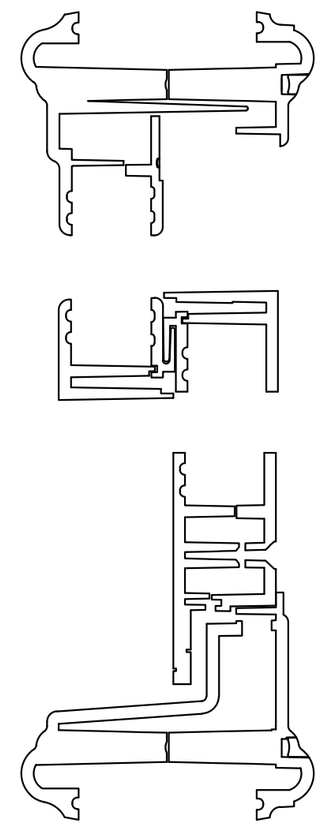
DESCRIPTION	TEST	RESULTS
SELF-IGNITION TEMP.	ASTM D 1929	860 °F > 650 °F
SMOKE DENSITY RATING	ASTM D 2843	64.7% < 75%
RATE OF BURNING	ASTM D 635	0.97 in./min. < 1.0 in./min. (Class CC1)
TENSILE STRESS	ASTM G 155 (4500 hrs.) & ASTM D 638	Before* = 6793 psi After* = 6551 psi
		% Difference = 3.6 < 10%

COMPONENT APPROVAL

* Tensile testing on controlled and weathered specimens per Section 2615.2 of the 8th Edition (2023) FBC.

GENERAL NOTES

1. ASA (Gen 1) Doorlight assemblies manufactured by ODL, Inc. are in compliance with the 8th Edition (2023) Florida Building Code (FBC) plastic requirements including the High Velocity Hurricane Zone (HVHZ).
2. This approval does not include an evaluation of the structural performance of this component. Test reports and all required documents must be submitted showing the system using this component will resist loads according to Chapter 16 of the FBC (refer to FBC Section 2606.5 Structural Requirements).



"VENT" Lite Frame

Documents Prepared By:
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PRODUCT: ASA MATERIAL APPROVAL

PART OR ASSEMBLY: ODL DOORLIGHT ASSEMBLIES

NO.	DATE	REVISIONS	BY
2	7/01/23	UPDATE TO 8TH ED. (2023) FBC	LFS
1	7/28/20	UPDATE TO 7TH ED (2020) FBC	LFS

DATE: 8/7/19
SCALE: N.T.S.
DWG. BY: RW
CHK. BY: LFS
DRAWING NO.: FL-29465.4
SHEET 1 OF 1

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