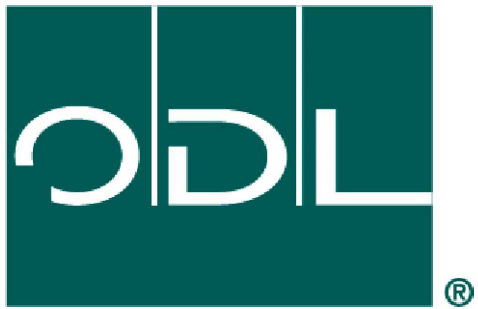
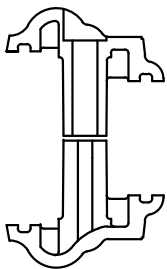




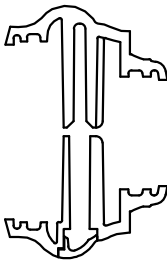
ODL, Inc.

HP POLYPROPYLENE

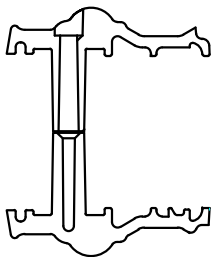
TO BE USED AS LITE FRAME MATERIAL
FOR DOOR ASSEMBLIES



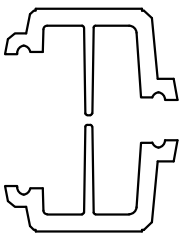
"HP Polypro" 680 Lite Frame



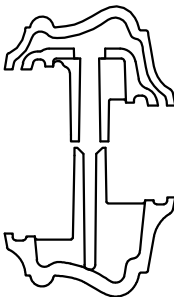
"Evolve" Lite Frame



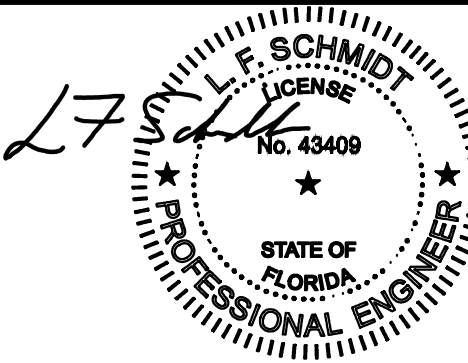
"Triple-Glazed Harmony Blind" Lite Frame



"Craftsman" Lite Frame



"TriSYS®" Lite Frame
(HP Poly on Inner Cassette only)



Digitally signed
by Lyndon F Schmidt
Date:
2026.07.16
07:59:44 -04'00'

This item has been digitally signed and sealed by
L. F. Schmidt, P.E. on the date adjacent to the seal.
Printed copies of this document are not
considered signed and sealed and the signature
must be verified on any electronic copies.

THIS PRODUCT APPROVAL IS VALID
ONLY FOR THE STATE OF FLORIDA

Documents Prepared By:

Lyndon F. Schmidt
P.E. No. 43409

RW BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813

PRODUCT:

HP POLYPROPYLENE
MATERIAL APPROVAL

PART OR ASSEMBLY:

ODL DOORLIGHT
ASSEMBLIES

HP POLYPROPYLENE (Gen 1) MATERIAL PROPERTIES		
DESCRIPTION	TEST	RESULTS
SELF-IGNITION TEMP.	ASTM D 1929	700 °F > 650 °F
SMOKE DENSITY RATING	ASTM D 2843	59.6% < 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* = 6682 psi After* = 6315 psi
		% Difference = 5.5 < 10%

HP POLYPROPYLENE (Gen 2) MATERIAL PROPERTIES		
DESCRIPTION	TEST	RESULTS
SELF-IGNITION TEMP.	ASTM D 1929	689 °F > 650 °F
SMOKE DENSITY RATING	ASTM D 2843	7.9% < 75%
RATE OF BURNING	ASTM D 635	1.07 in./min. < 2.5 in./min. (Class CC2)
TENSILE STRESS	ASTM G 155 (4500 hrs.) & ASTM D 638	Before* = 3378 psi After* = 3383 psi
		% Difference = 0.2 < 10%

HP POLYPROPYLENE (Gen 3) MATERIAL PROPERTIES		
DESCRIPTION	TEST	RESULTS
SELF-IGNITION TEMP.	ASTM D 1929	739 °F > 650 °F
SMOKE DENSITY RATING	ASTM D 2843	7.1% < 75%
RATE OF BURNING	ASTM D 635	0.83 in./min. < 1.0 in./min. (Class CC1)
TENSILE STRESS	ASTM G 155 (4500 hrs.) & ASTM D 638	Before* = 3736 psi After* = 3817 psi
		% Difference = 2.2 < 10%

COMPONENT APPROVAL

* Tensile testing on controlled and weathered specimens per Section 2615.2 of the 9th Edition (2026) FBC.

GENERAL NOTES

1. HP Polypropylene Doorlight assemblies manufactured by ODL, Inc. are in compliance with the 9th Edition (2026) 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).

DATE:	8/5/19
SCALE:	N.T.S.
DWG. BY:	RW
CHK. BY:	LFS
DRAWING NO.:	FL-29465.3
SHEET	1 OF 1