



BILL OF MATERIALS				
ITEM	QUAN	DESCRIPTION	MAT'L.	DETAIL DWG.NO.
1	1	1 3/4" SQ. X 1/8" WALL PULTRUDED TUBE *	EXTREN 500	D-6155-27
2A	3	SOCKET 1 1/2 O.D X 5/16 WALL X 1 7/8 LG. TUBE	ALUM 6061-T6	D-6155-27
2B	3	SADDLE 1/8 X 2 X 5 1/16 ALUM. SHT.	ALUM 6061-0	D-6155-27
3	2	CRADLE 1/8 X 2 X 5 1/16 ALUM. SHT.	ALUM 6061-0	D-6155-27
4	2	WEATHER PROOF PLUG	RUBBER	D-6155-27
5	6	1/4-20 X 3/4 HEX SOCKET SET SCREW CUP PT.	SS	

\* FIBER = T-30 FIBERGLASS ROVING WITH CONTINUOUS STRAND MAT OF 55% GLASS. POLYESTER SURFACE VEIL.  
BASE RESIN = ISOPHALIC RESIN.

NOTE 'A': PULTRUDED TUBE SHALL HAVE ULTRA-VIOLET (UV) ABSORBER & ORANGE PIGMENT (COLOR 12197, FED. STD. 595) IN THE RESIN SYSTEM.

NOTE 'B': ALL HOLES AND CUT EDGES OF TUBE SHALL BE DONE IN FACTORY AND COATED WITH THE SAME AS THE ORIGINAL RESIN.

NOTE 'C': ALL SURFACES TO BE BONDED TOGETHER, SHALL BE ROUGHENED AND CLEANED WITH MEK OR ACETONE PRIOR TO BONDING.

NOTE 'D': TUBE SURFACES WILL BE LIGHTLY ROUGHENED AND WIPED DOWN WITH MEK OR ACETONE PRIOR TO APPLYING ONE WET COAT OF SHERWIN WILLIAM'S HIGH SOLIDS POLANE OR EQUAL, TO ATTAIN 1 1/2-2 MIL. DRY FILM THICKNESS. COLOR SHALL BE 12197 PER FED. STD. 595.

NOTE 'E': FOR 1 3/4 SQ. PULTRUDED TUBES, ALLOWABLE TOLERANCE DEVIATION OF DEPTH AT CORNERS FROM 1 3/4 = ±0.02" DEVIATION FROM STRAIGHT = 0.02"/FT. LENGTH. TWIST FROM LONGITUDINAL AXIS - 1/2"/FT. LENGTH.

NOTE 'F': ALL ALUMINUM SHALL BE ANODIZED WITH A MATT FINISH PER MIL-8625, TYPE 2, CLASS 1.

FACTORY ASSEMBLY NOTE :  
FACTORY TO BOND (3) LAMP SUPPORTS (2) AND (2) CRADLES (3) TO (1) TEE BAR (1).  
USE EQUAL PARTS OF FUSOR 304-1 & 2 (JAQUITH No. L-7012)

REV.LTR.	DATE	DESCRIPTION	CHECKED	APPROVED
E	10-30-06	MINOR CORRECTIONS	m.j.m	
D	04/20/04	GENERAL CORRECTIONS TO DRAWING	R.D.P.	
C	07/03/00	REDRAWN TO AUTOCAD 2000 FORMAT	REX	
B	10/27/86	6061-0 ALUM. WAS 6061-T6	R.D.P.	
A	4/3/80	NOTE 'D' & 'C' - CHANGE PAINT & CLEANING ISTR.	R.D.P.	JA

DEPARTMENT OF TRANSPORTATION  
FEDERAL AVIATION ADMINISTRATION  
WASHINGTON, D.C. 20591

ALSF-2 (6' - 128') & MALSR (6' - 128')  
L.I.R. STRUCTURES  
LIGHT MOUNTING HEIGHT 6'-1" TO 128'-0"  
T-3 TEE BAR ASSEMBLY

REVIEWED BY	SUBMITTED BY	APPROVED BY
DESIGNED BY	ISSUED BY	DATE-
DRAWN BY		DRAWING NO.
CHECKED BY		D-6155-27
		E

JAQUITH INDUSTRIES INC.  
PO BOX 780  
600 E. BRIGHTON AVE.  
SYRACUSE, NEW YORK 13205  
www.jaquith.com 315-478-5700

ALL DIMENSIONS IN INCHES UNLESS OTHERWISE SPECIFIED

1  
D-6155-24