



NOTES/SPECIFICATIONS:

1. CLEAR APERTURE: $> \varnothing$ 11.43 mm
2. SURFACE QUALITY: 40-20 SCRATCH-DIG
3. TRANSMITTED WAVEFRONT ERROR: $< \lambda/4$ AT 633nm
4. PARALLELISM: < 3 arcmin
5. FILTER COATING (S1):
 REFLECTION BAND (R): $> 95\%$ AVERAGE, $> 90\%$ ABSOLUTE 380-475nm
 TRANSMISSION BAND (T): $> 90\%$ AVERAGE, $> 85\%$ ABSOLUTE 505-800nm
 45° AOI
6. AR COATING (S2):
 R: $< 2\%$ ABSOLUTE 400-800nm, 45° AOI

FOR INFORMATION ONLY
 NOT FOR MANUFACTURING PURPOSES

DRAWING PROJECTION			THORLABS www.thorlabs.com	
	NAME	DATE	\varnothing 12.7mm LONGPASS DICHROIC MIRROR 490nm	
DRAWN	MG	03/JUN/14	MATERIAL UV GRADE FUSED SILICA	
APPROVAL	RS	22/SEP/15	ITEM #	APPROX WEIGHT
COPYRIGHT © 2015 BY THORLABS			DMLP490T	1 g
VALUES IN PARENTHESIS ARE CALCULATED AND MAY CONTAIN ROUND OFF ERRORS				REV B