



NOTES /SPECIFICATIONS:

1. CLEAR APERTURE: $\geq 85\%$, ELLIPTICAL
2. SURFACE QUALITY (S1 & S2): 40-20 SCRATCH-DIG
3. REFLECTED WAVEFRONT ERROR: $\leq \lambda/4$ AT 632.8nm
4. TRANSMITTED WAVEFRONT ERROR: $\leq \lambda/4$ AT 632.8nm
5. PARALLELISM: < 3 arcminutes
6. FILTER COATING (S1):
 REFLECTION BAND (R): $> 97\%$ AVERAGE (753-935nm)
 TRANSMISSION BAND (T): $> 93\%$ AVERAGE (400-725nm, 980-1700nm)
 AOI: 45°
7. AR COATING (S2):
 R: $< 2.5\%$ AVERAGE (400-1700nm)

FOR INFORMATION ONLY
NOT FOR MANUFACTURING PURPOSES

DRAWING PROJECTION			 www.thorlabs.com	
	NAME	DATE		
DRAWN	GY	25/APR/19	740nm SHORTPASS AND 940nm LONGPASS DICHROIC MIRROR, 35x52x3mm	
APPROVAL	PN	25/APR/19	MATERIAL	REV
COPYRIGHT © 2018 BY THORLABS VALUES IN PARENTHESIS ARE CALCULATED AND MAY CONTAIN ROUND OFF ERRORS			UV GRADE FUSED SILICA	B
			ITEM #	APPROX WEIGHT
			DMBP740B	.002 kg