Materials List for:

Preparation of Liquid Crystal Networks for Macroscopic Oscillatory Motion Induced by Light

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Materials

Name	Company	Catalog Number	Comments
Material			
LC diacrylate (compound **1: Figure 2**)	Syncom	custom synthesis	
photo-stabilizer	Ciba	tinuvin 328	
photoinitiator	Ciba	Irgacure 819	
Alignment layer planar	JSR micro	optimer AI1051	
Alignment layer homeotropic	Nissan chemical industry	Sunever grade 5300	
Name	**Company**	**Catalog Number**	**Comments**
Equipment			
UV-ozone photoreactor	Ultra Violet Products, PR-100	Not available	
spin coater	Karl-SUSS	SUSS RC spin coater CT62 V098	
UV light	Gentec	EXFO-Omnicure S2000	
micropearl	Sekisui Chemicals	SP220-20um	
Glue	Gentec	UVS91	
LED 365 nm	Thorlabs	M365LP1	
light collimator	Thorlabs	SM2F32-A	
high speed camera	PCO.	PCO 5.5 sCMOS camera	
thermal camera	Xenics Infrared solution	Gobi-640-GigE	used with Xeneth software
Differential Scanning Calorimeter	TA instruments	Q1000	
Dynamic Mechanical Analyzer	TA instruments	Q800	
Polarized Optical Microscope	Leica	DM6000M	