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(21) International Application Number: PCT/US99/01243 (22) International Filing Date: 22 January 1999 (22.01.99) (30) Priority Data: 09/020,817 9 February 1998 (09.02.98) US (71) Applicant: LEXALITE INTERNATIONAL CORPORATION [US/US]; 10163 U.S. 31 North, Charlevoix, MI 49720 (US). (72) Inventors: BARNES, Thomas, F., II; 13105 Beechwood Drive, Charlevoix, MI 49720 (US). ROBINSON, Joel, E.; 06872 Upper Bayshore Drive, Charlevoix, MI 49720 (US). TROPPEMAN, Dale, A.; 13065 Campbell Court, Charlevoix, MI 49720 (US). (74) Agents: PENNINGTON, Joan et al.; Mason, Kolehmainen, Rathburn & Wyss, Suite 2400, 300 South Wacker Drive, Chicago, IL 60606-6701 (US).		(81) Designated States: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, GM, HU, ID, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, UZ, VN, YU, ZW, ARIPO patent (GH, GM, KE, LS, MW, SD, SZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG). Published With international search report.
(54) Title: NEUTRAL DENSITY POLYMERIC MATERIAL FOR LIGHTING FIXTURE		
(57) Abstract A luminaire having both a direct and indirect lighting component is provided. The luminaire includes a fixture including a lamp (16). A neutral density polymeric material (12) is disposed below the lamp (16). The neutral density polymeric material (12) includes a polymeric substrate (28) carrying a predetermined pattern for reflecting and transmitting incident light from the lamp (16).		