

Brightness Enhancement Light Management Films: Market Research Report

https://marketpublishers.com/r/B0CF6305BDDEN.html

Date: January 2015 Pages: 174 Price: US\$ 4,500.00 (Single User License) ID: B0CF6305BDDEN

Abstracts

This report analyzes the worldwide markets for Brightness Enhancement Light Management Films in US\$ Million. The Global market is further analyzed by the following Film Types: Diffuser Film, Multi-Function Prism, Normal Prism, Reflective Polarizers, and Others. The report provides separate comprehensive analytics for Taiwan, South Korea, China, and Rest of World. Annual estimates and forecasts are provided for the period 2014 through 2020. Also, a five-year historic analysis is provided for these markets. Market data and analytics are derived from primary and secondary research. Company profiles are primarily based on public domain information including company URLs. The report profiles 62 companies including many key and niche players such as -

3M Company

Dai Nippon Printing Co., Ltd.

DuPont

EFUN Technology Co. Ltd.

Fusion Optix, Inc.



Contents

I. INTRODUCTION, METHODOLOGY & PRODUCT DEFINITIONS

Study Reliability and Reporting Limitations Disclaimers Data Interpretation & Reporting Level Quantitative Techniques & Analytics Product Definitions and Scope of Study Diffuser Film Normal Prism Sheet Multi-Functional Prism Sheet Reflective Polarizing Film or Polarization Recycling Film (DBEF) Other Types of BELM Films Reverse Prism Film Micro-Lens Film

II. EXECUTIVE SUMMARY

1. INDUSTRY OVERVIEW

A Prelude BELM Films Light Up Display Panels Landscape Stable Economic Outlook Offers Opportunities for Market Growth

Table 1. GDP Growth in Select World Economies (2013-2016) (includes correspondingGraph/Chart)

Market Outlook Competitive Scenario

Table 2. Leading Players in the Global Large Area LCD Prism Sheet Market (2014):Percentage Share Breakdown of Shipments for 3M, EFUN, LG Chem, MNTech, andOthers (includes corresponding Graph/Chart)

Table 3. Leading Players in the Global LCD Backlight Films Market for Monitors (2014):Percentage Share Breakdown of Shipments for 3M, EFUN, MNTech, Shinwha, and



Others (includes corresponding Graph/Chart)

Table 4. Leading Players in the Global LCD Backlight Film Market for Notebooks (2014): Percentage Share Breakdown of Shipments for 3M, EFUN, Gamma, MNTech, U-Bright, and Others (includes corresponding Graph/Chart)

2. MARKET TRENDS & GROWTH DRIVERS

Reflective Polarizer Film: The Leading BELM Film Type High Cost Reflective Polarizers Being Replaced with Alternatives Normal Prism Film Sees Decline in Overall Share Multi-Functional Prism Exhibits Rapid Growth Diffuser Film: A Major Product Category Increased R&D Focus to Enhance Market Prospects Market to Benefit from Upward Momentum in Notebook Sales Growing Smartphones Sales Augurs Well for Market Growth Increased Demand for TFT-LCDs in Low-End Smartphones

Table 5. Global Mobile Phone Display Market (2014 & 2020): Percentage ShareBreakdown of Investments by Display Technology (includes correspondingGraph/Chart)

Sustained Demand for LCD TVs to Underpin Volume Growth

Table 6. Global Large-Sized TFT-LCD Displays Market (2014): Percentage ShareBreakdown of Unit Shipments by End-Use Application (includes correspondingGraph/Chart)

Brightness Enhancement Films Facilitate Compliance with TV Energy Regulations

Table 7. Compliance Specifications for ENERGY STAR and EU Energy Labels(includes corresponding Graph/Chart)

3. MARKET DYNAMICS

Flat Panel Displays Industry: An Insight



Table 8. Global Flat Panel Displays (FPD) Market by Technology (2014): PercentageShare Breakdown of Dollar Sales for AMOLED, TFT-LCD, and Others (includescorresponding Graph/Chart)

Optical Films Market: An Overview

Table 9. Global Optical Film Market by Film Type (2014): Percentage Share Breakdown of Volume Shipments for Backlight Films and Polarizer Films (includes corresponding Graph/Chart)

BLU: The Most Expensive Component of LCD Display

Table 10. Breakdown of Cost Structure for 32' LCD TV Display by Component: 2014(includes corresponding Graph/Chart)

Table 11. Breakdown of Cost Structure for Large Area 40-42" LCD Display byComponent: 2014 (includes corresponding Graph/Chart)

LED Steadily Gaining Foothold in the Backlight Unit Landscape

Table 12. Global High-Brightness LED - Backlighting Leads Market (2014): Percentage

 Share Breakdown of Revenues by Application (includes corresponding Graph/Chart)

'Greener' LEDs Overshadow CCFLs in Notebook Backlights Price Downslides to Illuminate LED Backlight Market Component Deficit Affects LED BLU Market

4. BACKLIGHT UNIT (BLU): INTRODUCTION AND COMPONENTS

Backlight Unit (BLU): An Introduction Components of a Typical BLU Light Sources for LCD Backlights Types of BackLight Units Edge Lighting BLU

Brightness Enhancement Light Management Films: Market Research Report



Components of Edge Lighting BLUs Bottom Lighting BLU Brightness and Luminance Uniformity: Critical Performance Indices Optical Inefficiencies Affect Display Performance LEDs & OLEDs – High Potential as Backlight Units in LCDs Key Statistical Data

Table 13. Global LED BLU Market (2014): Percentage Share Breakdown of Volume

 Shipments by Application (includes corresponding Graph/Chart)

Table 14. Global LED BLU Market (2014): Percentage Share Breakdown of ValueShipments by Application (includes corresponding Graph/Chart)

Table 15. BLU Demand in Monitors by Country (2014): Percentage Share Breakdown

 of Unit Sales for China, South Korea, and Taiwan (includes corresponding Graph/Chart)

Table 16. Leading Players in the Global BLU Optical Film Market (2014): Percentage Share Breakdown of Revenues for Gamma, LG, MNTech, Shinwha, U-Bright and Others (includes corresponding Graph/Chart)

Table 17. Leading Players in the Global Small & Medium Size BLU Market (2014):Percentage Share Breakdown of Value Sales for e-Litecom, NMB, Omron, and Others(includes corresponding Graph/Chart)

5. PRODUCT OVERVIEW

Optical Films: An Overview Brightness Enhancement Light Management Films – An Introduction Types of Brightness Enhancement Light Management Films Diffuser Film Normal Prism Sheet Multi-Functional Prism Sheet Reflective Polarizing Film or Polarization Recycling Film (DBEF) Other Types of BELM Films Reverse Prism Film Micro-Lens Film End-Use Overview Mobile Phone Displays



Notebooks Monitors LCD TV 3M'S PRODUCT SUITE OF BRIGHTNESS ENHANCEMENT LIGHT MANAGEMENT FILMS

6. PRODUCT INNOVATIONS/INTRODUCTIONS

DNP Develops High-Luminance Color Resist for LCD Color Filters Hisense Introduces 4K ULED H10 Series Curved Smart TV with 3M QDEF Technology GDS Introduces EnerColor

7. RECENT INDUSTRY ACTIVITY

Cheil Industries and Samsung C&T Merge Nitto Denko to Establish New Global Marketing Center LG Chem to Expand TFT-LCD Polarizer Production Capacity 3M ESTABLISHES DISPLAY MATERIALS AND SYSTEMS DIVISION ASUS Selects 3M QDEF Technology Nitto Denko Establishes Nitto Innovations in Silicon Valley

8. FOCUS ON SELECT PLAYERS

3M COMPANY (US) Dai Nippon Printing Co., Ltd. (Japan) DuPont (US) EFUN Technology Co. Ltd. (Taiwan) Fusion Optix, Inc. (US) Gamma Optical Co., Ltd. (Taiwan) Kolon Industries, Inc. (South Korea) LG Chem Ltd. (South Korea) LMS Co., Ltd. (South Korea) MNTech Co., Ltd. (South Korea) Nitto Denko Corp. (Japan) SABIC Innovative Plastics (US) Shinwha Intertek Corporation (South Korea) SKC Haas Display Films (South Korea) **UBright Optronics Corporation (Taiwan)** Wah Hong Industrial Corporation (Taiwan)



WaveFront Technology, Inc. (US) ZEON Corporation (Japan)

9. GLOBAL MARKET PERSPECTIVE

Table 18. World Recent Past, Current & Future Analysis for Brightness EnhancementLight Management Films by Geographic Region - Taiwan, South Korea, China and Restof World Markets Independently Analyzed with Annual Revenues in US\$ Million forYears 2014 through 2020 (includes corresponding Graph/Chart)

Table 19. World Historic Review for Brightness Enhancement Light Management Filmsby Geographic Region - Taiwan, South Korea, China and Rest of World MarketsIndependently Analyzed with Annual Revenues in US\$ Million for Years 2009 through2013 (includes corresponding Graph/Chart)

Table 20. World 12-Year Perspective for Brightness Enhancement Light Management Film by Geographic Region - Percentage Breakdown of Revenues for Taiwan, South Korea, China and Rest of World Markets for Years 2009, 2015 & 2020 (includes corresponding Graph/Chart)

Table 21. World Recent Past, Current & Future Analysis for Brightness EnhancementLight Management Films by Film Type - Diffuser Film, Multi-Function Prism, NormalPrism, Reflective Polarizers, and Others Markets Independently Analyzed with AnnualRevenues in US\$ Million for Years 2014 through 2020 (includes correspondingGraph/Chart)

Table 22. World Historic Review for Brightness Enhancement Light Management Films by Film Type - Diffuser Film, Multi-Function Prism, Normal Prism, Reflective Polarizers, and Others Markets Independently Analyzed with Annual Revenues in US\$ Million for Years 2009 through 2013 (includes corresponding Graph/Chart)

Table 23. World 12-Year Perspective for Brightness Enhancement Light ManagementFilm by Film Type - Percentage Breakdown of Revenues for Diffuser Film, Multi-Function Prism, Normal Prism, Reflective Polarizers, and Others Markets for Years2009, 2015 & 2020 (includes corresponding Graph/Chart)

III. MARKET



1. TAIWAN

A. Market Analysis
An Important Market for BELM Films
Corporate Development
Key Players
B. Market Analytics

Table 24. Taiwanese Recent Past, Current and Future Analysis for BrightnessEnhancement Light Management Films Market Analyzed with Annual Revenues in US\$Million for Years 2014 through 2020 (includes corresponding Graph/Chart)

Table 25. Taiwanese Historic Review for Brightness Enhancement Light ManagementFilms Market Analyzed with Annual Revenues in US\$ Million for Years 2009 through2013 (includes corresponding Graph/Chart)

2. SOUTH KOREA

A. Market Analysis
South Korea Leads the Global BELM Market
Korean Manufacturers' Increased Focus on R&D to Enhance Market Prospects
Corporate Development
Key Players
B. Market Analytics

Table 26. South Korean Recent Past, Current and Future Analysis for BrightnessEnhancement Light Management Films Market Analyzed with Annual Revenues in US\$Million for Years 2014 through 2020 (includes corresponding Graph/Chart)

Table 27. South Korean Historic Review for Brightness Enhancement LightManagement Films Market Analyzed with Annual Revenues in US\$ Million for Years2009 through 2013 (includes corresponding Graph/Chart)

3. CHINA

A. Market Analysis

Growing Demand for LCD TVs, Notebooks & Smartphones Infuses Strength into BELM



Market Product Launch Corporate Development B. Market Analytics

Table 28. China Recent Past, Current and Future Analysis for Brightness EnhancementLight Management Films Market Analyzed with Annual Revenues in US\$ Million forYears 2014 through 2020 (includes corresponding Graph/Chart)

Table 29. China Historic Review for Brightness Enhancement Light Management FilmsMarket Analyzed with Annual Revenues in US\$ Million for Years 2009 through 2013(includes corresponding Graph/Chart)

4. REST OF WORLD

A. Market Analysis
Outlook
Japan: A Noteworthy Regional Market
Product Launches
Strategic Corporate Developments
Key Players
B. Market Analytics

Table 30. Rest of World Recent Past, Current and Future Analysis for BrightnessEnhancement Light Management Films Market Analyzed with Annual Revenues in US\$Million for Years 2014 through 2020 (includes corresponding Graph/Chart)

Table 31. Rest of World Historic Review for Brightness Enhancement LightManagement Films Market Analyzed with Annual Revenues in US\$ Million for Years2009 through 2013 (includes corresponding Graph/Chart)

IV. COMPETITIVE LANDSCAPE

Total Companies Profiled: 62 (including Divisions/Subsidiaries - 70) The United States (15) Japan (24) Europe (4)



Germany (2) The United Kingdom (1) Rest of Europe (1) Asia-Pacific (Excluding Japan) (27)



I would like to order

Product name: Brightness Enhancement Light Management Films: Market Research Report Product link: <u>https://marketpublishers.com/r/B0CF6305BDDEN.html</u>

Price: US\$ 4,500.00 (Single User License / Electronic Delivery) If you want to order Corporate License or Hard Copy, please, contact our Customer Service: <u>info@marketpublishers.com</u>

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <u>https://marketpublishers.com/r/B0CF6305BDDEN.html</u>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name: Last name: Email: Company: Address: City: Zip code: Country: Tel: Fax: Your message:

**All fields are required

Custumer signature _____

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <u>https://marketpublishers.com/docs/terms.html</u>

To place an order via fax simply print this form, fill in the information below and fax the completed form to +44 20 7900 3970