Brightness Enhancement Light Management Films - Global Strategic Business Report

Description: 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 corresponding Graph/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, and Others (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 Share Breakdown of Investments by Display Technology (includes corresponding Graph/Chart)
Sustained Demand for LCD TVs to Underpin Volume Growth
Table 6: Global Large-Sized TFT-LCD Displays Market (2014): Percentage Share Breakdown of Unit Shipments by End-Use Application (includes corresponding Graph/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): Percentage Share Breakdown of Dollar Sales for AMOLED, TFT-LCD, and Others (includes corresponding 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 by Component: 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
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 Value Shipments 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 Enhancement Light Management Films by Geographic Region - Taiwan, South Korea, China and Rest of World Markets Independently Analyzed with Annual Revenues in US$ Million for Years 2014 through 2020 (includes corresponding Graph/Chart)
Table 19: World Historic Review for Brightness Enhancement Light Management Films by Geographic Region - Taiwan, South Korea, China and Rest of World Markets Independently Analyzed with Annual Revenues in US$ Million for Years 2009 through 2013 (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 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 2014 through 2020 (includes corresponding Graph/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 Management Film by Film Type - Percentage Breakdown of Revenues for Diffuser Film, Multi-Function Prism, Normal Prism, Reflective Polarizers, and Others Markets for Years 2009, 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 Brightness Enhancement 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 Management Films Market Analyzed with Annual Revenues in US$ Million for Years 2009 through 2013 (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 Brightness Enhancement 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 Light Management Films Market Analyzed with Annual Revenues in US$ Million for Years 2009 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 Enhancement Light Management Films Market Analyzed with Annual Revenues in US$ Million for Years 2014 through 2020 (includes corresponding Graph/Chart)
   Table 29: China Historic Review for Brightness Enhancement Light Management Films Market 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 Brightness Enhancement 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 Light Management Films Market Analyzed with Annual Revenues in US$ Million for Years 2009 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)

Ordering:
Order Online - http://www.researchandmarkets.com/reports/2255347/
Order by Fax - using the form below
Order by Post - print the order form below and send to

Research and Markets,
Guinness Centre,
Taylors Lane,
Dublin 8,
Ireland.
Fax Order Form
To place an order via fax simply print this form, fill in the information below and fax the completed form to 646-607-1907 (from USA) or +353-1-481-1716 (from Rest of World). If you have any questions please visit

http://www.researchandmarkets.com/contact/

Order Information
Please verify that the product information is correct and select the format(s) you require.

Product Name: Brightness Enhancement Light Management Films - Global Strategic Business Report
Web Address: http://www.researchandmarkets.com/reports/2255347/
Office Code: SCPLHPOH

Product Formats
Please select the product formats and quantity you require:

<table>
<thead>
<tr>
<th>Format</th>
<th>Quantity</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Electronic (PDF) - Single User:</td>
<td></td>
<td>USD 4500</td>
</tr>
<tr>
<td>Electronic (PDF) - 1 - 5 Users:</td>
<td></td>
<td>USD 6300</td>
</tr>
<tr>
<td>Electronic (PDF) - 1 - 10 Users:</td>
<td></td>
<td>USD 8550</td>
</tr>
<tr>
<td>Electronic (PDF) - 1 - 15 Users:</td>
<td></td>
<td>USD 10800</td>
</tr>
</tbody>
</table>

Contact Information
Please enter all the information below in BLOCK CAPITALS

Title: [ ] Mr [ ] Mrs [ ] Dr [ ] Miss [ ] Ms [ ] Prof [ ]

First Name: ________________________ Last Name: ________________________
Email Address: * ________________________
Job Title: ________________________
Organisation: ________________________
Address: ________________________
City: ________________________
Postal / Zip Code: ________________________
Country: ________________________
Phone Number: ________________________
Fax Number: ________________________

* Please refrain from using free email accounts when ordering (e.g. Yahoo, Hotmail, AOL)
Payment Information

Please indicate the payment method you would like to use by selecting the appropriate box.

☐ Pay by credit card: You will receive an email with a link to a secure webpage to enter your credit card details.

☐ Pay by check: Please post the check, accompanied by this form, to:
Research and Markets,
Guinness Center,
Taylors Lane,
Dublin 8,
Ireland.

☐ Pay by wire transfer: Please transfer funds to:
Account number: 833 130 83
Sort code: 98-53-30
Swift code: ULSBIE2D
IBAN number: IE78ULSB98533083313083
Bank Address: Ulster Bank,
27-35 Main Street,
Blackrock,
Co. Dublin,
Ireland.

If you have a Marketing Code please enter it below:

Marketing Code: 

Please note that by ordering from Research and Markets you are agreeing to our Terms and Conditions at http://www.researchandmarkets.com/info/terms.asp

Please fax this form to:
(646) 607-1907 or (646) 964-6609 - From USA
+353-1-481-1716 or +353-1-653-1571 - From Rest of World