

i-mini

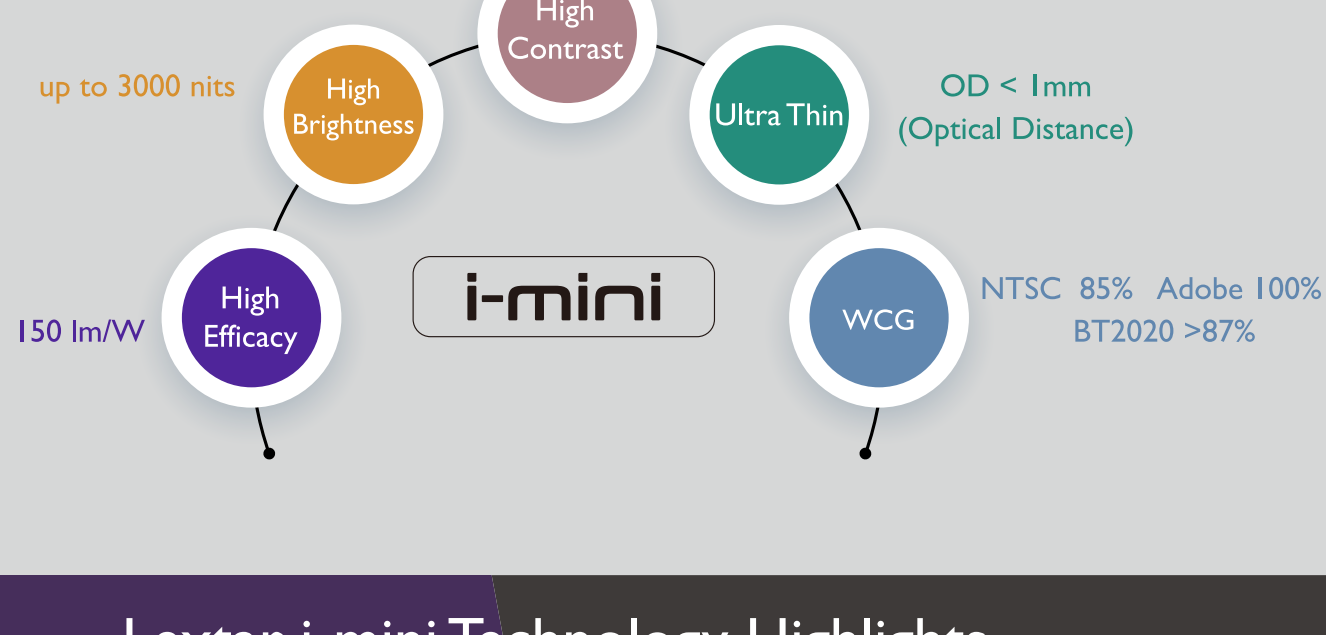
Mini LED is the Future

Lextar presents the full series of COB-type i-mini backlight modules



65" TV Backlight 32" Monitor Backlight 12.3" Automotive Backlight 17.3" Notebook Backlight

The Key Features of Lextar i-mini



Lextar i-mini Technology Highlights



DOB – Driver on Board

- Quick assembly - compact design for easy panel assembly
- Ultra thin panel - leaving space for panel mechanical design
- Best for multi-zone backlight solution



Partial Coating

- Superb optical design – excellent uniformity
- Enhanced brightness – reflector can be embedded
- Suitable for large size panel
- Seamless backlight design

2021 LEXTAR

i-mini Backlight for 12.3" Automotive Display

- Sunlight readable, high brightness and contrast
- COB-type i-mini module for multi local dimming
- Wide color gamut LED technology
- Local dimming and power saving
- Long lifetime, high reliability

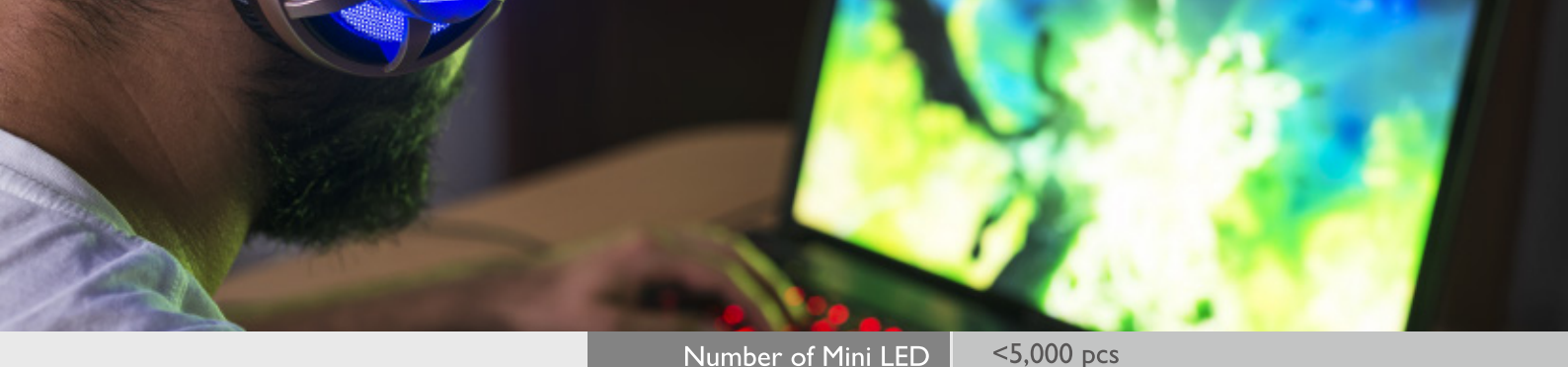
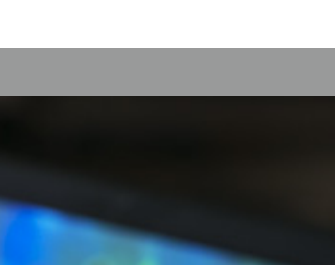


Brightness	3,000 cd/m ²
Lifetime	>50,000hrs
Number of Mini LED	<2,000 pcs
Local Dimming Zone	384 zones
Display HDR	1,000
Color Gamut	NTSC >85%

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World first mass produced COB-type mini LED backlight i-mini LED Backlight for 17.3" Notebook

- Local dimming and power saving
- Wide Color Gamut LED technology
- The world's first mini LED laptop
- High brightness & contrast
- Certified display HDR 1000
- UHD panel, 60Hz

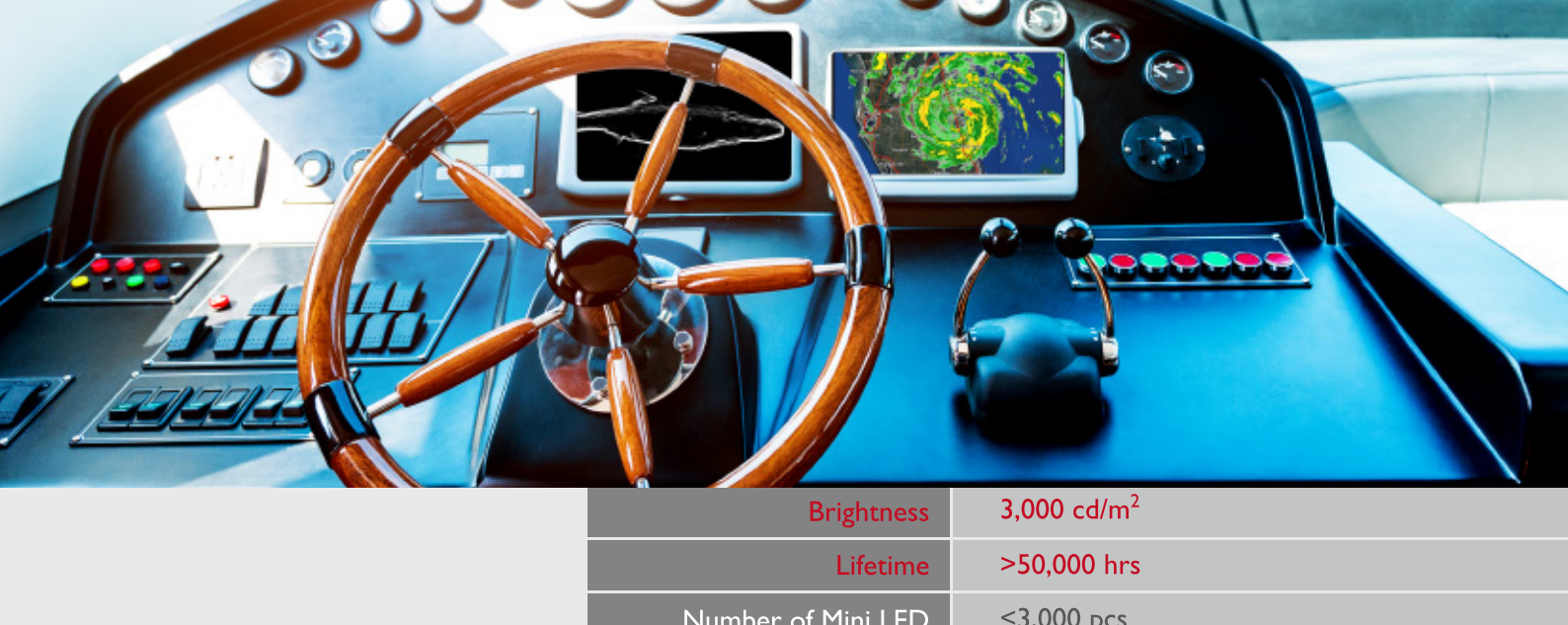


Number of Mini LED	<5,000 pcs
Local Dimming Zone	240 zones
Display HDR	1,000
Color Gamut	DCI-P3 >99%
Brightness	1,200 cd/m ²

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i-mini LED Backlight for 15.6" Marine Display

- Sunlight readable, high brightness and contrast
- i-mini module integrating POB and Gen2 DOB
- Gen2 DOB integrates TCON, driver and power IC
- Wide color gamut LED technology
- Local dimming and power saving
- Long lifetime, high reliability



Brightness	3,000 cd/m ²
Lifetime	>50,000 hrs
Number of Mini LED	<3,000 pcs
Local Dimming Zone	432 zones
Display HDR	1,000
Color Gamut	NTSC >85%

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i-mini LED Backlight for 32" Monitor

- DOB-type i-mini module for slim design
- 1152 dimming zones
- High brightness & contrast
- Wide color gamut LED technology
- Suitable for creator
- Local dimming and power saving

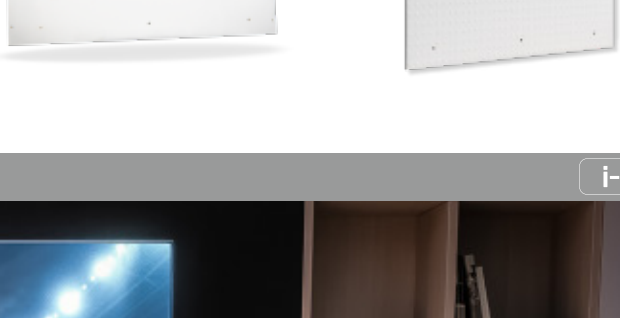


Local Dimming Zone	1,152 zones
Number of Mini LED	<5,000 pcs
Display HDR	1,000
Color Gamut	DCI-P3 >99%
Brightness	1,200 cd/m ²

2021 LEXTAR

i-mini LED Backlight for 65" TV

- COB and DOB i-mini module for local dimming
- Mini-Lens Array technology to enhance optical performance
- Wide color gamut LED technology
- 1008 dimming zones
- High brightness & contrast
- Local dimming and power saving



Local Dimming Zone	1,008 zones
Brightness	2,000 cd/m ²
Number of Mini LED	<10,000 pcs
Display HDR	1,000
Color Gamut	DCI-P3 >95%