

# LEDUP LUSISP01.5

PLUG & PLAY LED SCREEN SOLUTIONS  
FOR INDOOR AND OUTDOOR PROJECTS



- Key solutions for lower operational cost
- No limit on advertisement content and change all content within 1 second
- Turnkey solution for OOH digital advertisement
- Integrated to centralized content management system
- Customization for size, shape and color available upon request

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ISTANBUL / TURKEY



## General

Operating environment	indoor
Pixel pitch	1.56mm
Service type	front access
Calibrated brightness (nits)	900nits
Lamp type <sup>1</sup>	SMD
Lifespan (hours at %50 brightness)	>100.000hours
White color calibration (adj.)	3.500K~8.500K
Gray scale	>16bits
Brightness control	256 level

## Module Specifications

Refresh frequency	3.840Hz
LED drive method	dynamic
Module material	plastic
PCB type	multilayer
PCB surface coating	humiseal

## Panel Specifications

Product material	Aluminum
Screen dimensions (mm)	281x2.000 <sup>(1)</sup> 562x2.000 <sup>(2)</sup> 843x2.000 <sup>(3)</sup> 1.124x2.000 <sup>(4)</sup>
Product depth	53mm
Diagonal Size	80" <sup>(1)</sup> 82" <sup>(2)</sup> 85" <sup>(3)</sup> 90" <sup>(4)</sup>
Aspect Ratio	2.25:16 <sup>(1)</sup> 4.5:16 <sup>(2)</sup> 6.75:16 <sup>(3)</sup> 9:16 <sup>(4)</sup>
IP Level	IP22/IP44
Product weight (~single side)	22kg <sup>(2)</sup> 38kg <sup>(3)</sup> 75kg <sup>(3)</sup> 95kg <sup>(4)</sup>
Screen resolution	180x1.280px <sup>(1)</sup> 360x1.280px <sup>(2)</sup> 540x1.280px <sup>(3)</sup> 720x1.280px <sup>(4)</sup>
Viewing angle (horizontal x vertical)	>160° x 140°
Minimum viewing distance	>1.5m
Operating temperature range	-5°C ~ +45°C
Storage temperature range	-20°C ~ +60°C
Operating humidity	10% ~ 90% non-condensing
Power input voltage	110 ~ 240 VAC
Power input frequency	50~60Hz
Average power	<105W~200W
Max power	<360W~650W
Active PFC	YES
Load tolerance <sup>2</sup>	25% min.
Cooling	Passive cooling
Product color <sup>3</sup>	Grey (RAL 7016)

## Other

Internal player	YES
Combined screen function	YES
Installation type	Stand, hanging or wall mounting
Brightness adjustment	Automatic & manual
Dead pixel monitoring	N/A
Module monitoring	N/A
Temperature monitoring	YES
Signal path backup	YES
Signal transmission	CAT or Fiber Optic
Standby scheduling	YES
Power on/off scheduling	Optional
Power saving mode	YES
Certification	CE-EMC, CE-LVD, RoHS, FCC

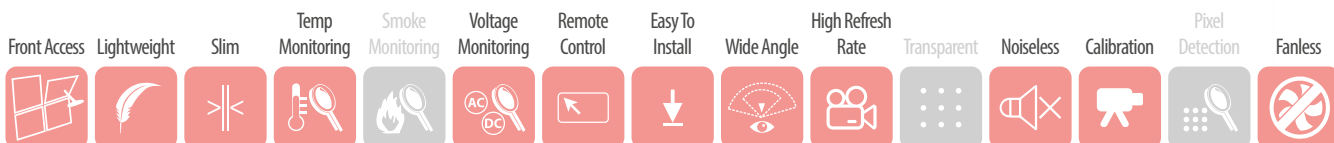
## Options

\*The mechanical and electronic specification options are available.

1- That value is the remain capacity of PSU's at 100% brightness and white color content

2- Available LED options are CREE [C/R], NICHIA [N/C], EVERLIGHT [E/V], MULTICOLOR [M/C], NATIONSTAR [N/S]. Please check order code for details.

3- It's available to change product color with MOQ.



Apron Teknoloji AS. reserves the right to change any product specification, discontinue of any product or services without prior notice

TECHNICAL SPECIFICATIONS

LEDECA

# LEDUP LUSISP01.9

PLUG & PLAY LED SCREEN SOLUTIONS  
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## General

Operating environment	indoor
Pixel pitch	1.94mm
Service type	front access
Calibrated brightness (nits)	900nits
Lamp type <sup>1</sup>	SMD
Lifespan (hours at %50 brightness)	>100.000hours
White color calibration (adj.)	3.500K~8.500K
Gray scale	>16bits
Brightness control	256 level

## Module Specifications

Refresh frequency	3.840Hz
LED drive method	dynamic
Module material	plastic
PCB type	multilayer
PCB surface coating	humiseal

## Panel Specifications

Product material	Aluminum
Screen dimensions (mm)	281x2.000 <sup>(1)</sup> 562x2.000 <sup>(2)</sup> 843x2.000 <sup>(3)</sup> 1.124x2.000 <sup>(4)</sup>
Product depth	53mm
Diagonal Size	80" <sup>(1)</sup> 82" <sup>(2)</sup> 85" <sup>(3)</sup> 90" <sup>(4)</sup>
Aspect Ratio	2.25:16 <sup>(1)</sup> 4.5:16 <sup>(2)</sup> 6.75:16 <sup>(3)</sup> 9:16 <sup>(4)</sup>
IP Level	IP22/IP44
Product weight (~single side)	22kg <sup>(2)</sup> 38kg <sup>(3)</sup> 75kg <sup>(3)</sup> 95kg <sup>(4)</sup>
Screen resolution	144x1.024px <sup>(1)</sup> 288x1.024px <sup>(2)</sup> 432x1.024px <sup>(3)</sup> 576x1.024px <sup>(4)</sup>
Viewing angle (horizontal x vertical)	>160° x 140°
Minimum viewing distance	>2m
Operating temperature range	-5°C ~ +45°C
Storage temperature range	-20°C ~ +60°C
Operating humidity	10% ~ 90% non-condensing
Power input voltage	110 ~ 240 VAC
Power input frequency	50~60Hz
Average power	<105W~200W
Max power	<360W~650W
Active PFC	YES
Load tolerance <sup>2</sup>	25% min.
Cooling	Passive cooling
Product color <sup>3</sup>	Grey (RAL 7016)

## Other

Internal player	YES
Combined screen function	YES
Installation type	Stand, hanging or wall mounting
Brightness adjustment	Automatic & manual
Dead pixel monitoring	N/A
Module monitoring	N/A
Temperature monitoring	YES
Signal path backup	YES
Signal transmission	CAT or Fiber Optic
Standby scheduling	YES
Power on/off scheduling	Optional
Power saving mode	YES
Certification	CE-EMC, CE-LVD, RoHS,FCC

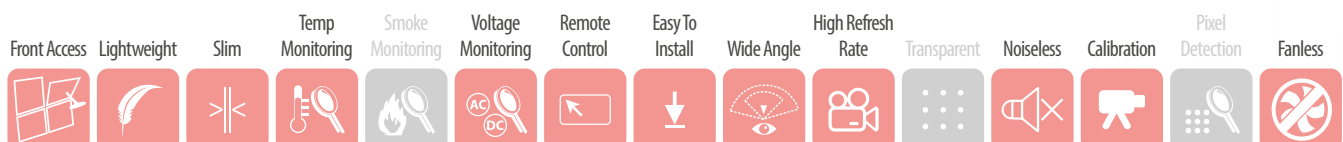
## Options

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1- That value is the remain capacity of PSU's at 100% brightness and white color content

2- Available LED options are CREE [C/R], NICHIA [N/C], EVERLIGHT [E/V], MULTICOLOR [M/C], NATIONSTAR [N/S]. Please check order code for details.

3- It's available to change product color with MOQ.



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TECHNICAL SPECIFICATIONS

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# LEDUP LUSISP02.6

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## General

Operating environment	indoor
Pixel pitch	2.6mm
Service type	front access
Calibrated brightness (nits)	900nits
Lamp type <sup>1</sup>	SMD
Lifespan (hours at %50 brightness)	>100.000hours
White color calibration (adj.)	3.500K~8.500K
Gray scale	>16bits
Brightness control	256 level

## Module Specifications

Refresh frequency	3.840Hz
LED drive method	dynamic
Module material	plastic
PCB type	multilayer
PCB surface coating	humiseal

## Panel Specifications

Product material	Aluminum
Screen dimensions (mm)	281x2.000 <sup>(1)</sup> 562x2.000 <sup>(2)</sup> 843x2.000 <sup>(3)</sup> 1.124x2.000 <sup>(4)</sup>
Product depth	53mm
Diagonal Size	80" <sup>(1)</sup> 82" <sup>(2)</sup> 85" <sup>(3)</sup> 90" <sup>(4)</sup>
Aspect Ratio	2.25:16 <sup>(1)</sup> 4.5:16 <sup>(2)</sup> 6.75:16 <sup>(3)</sup> 9:16 <sup>(4)</sup>
IP Level	IP22/IP44
Product weight (~single side)	22kg <sup>(2)</sup> 38kg <sup>(3)</sup> 75kg <sup>(3)</sup> 95kg <sup>(4)</sup>
Screen resolution	108x768px <sup>(1)</sup> 216x768px <sup>(2)</sup> 324x768px <sup>(3)</sup> 432x768px <sup>(4)</sup>
Viewing angle (horizontal x vertical)	>160° x 140°
Minimum viewing distance	>2.6m
Operating temperature range	-5°C ~ +45°C
Storage temperature range	-20°C ~ +60°C
Operating humidity	10% ~ 90% non-condensing
Power input voltage	110 ~ 240 VAC
Power input frequency	50~60Hz
Average power	<105W~200W
Max power	<360W~650W
Active PFC	YES
Load tolerance <sup>2</sup>	25% min.
Cooling	Passive cooling
Product color <sup>3</sup>	Grey (RAL 7016)

## Other

Internal player	YES
Combined screen function	YES
Installation type	Stand, hanging or wall mounting
Brightness adjustment	Automatic & manual
Dead pixel monitoring	N/A
Module monitoring	N/A
Temperature monitoring	YES
Signal path backup	YES
Signal transmission	CAT or Fiber Optic
Standby scheduling	YES
Power on/off scheduling	Optional
Power saving mode	YES
Certification	CE-EMC, CE-LVD, RoHS,FCC

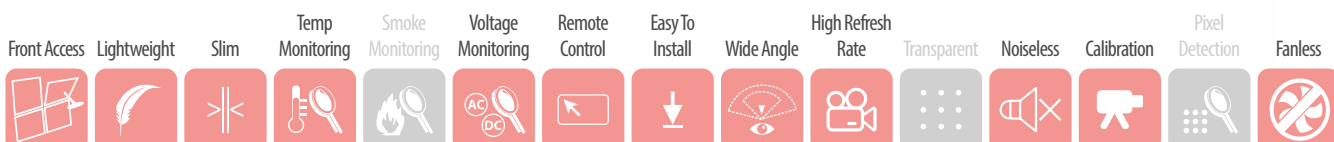
## Options

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3- It's available to change product color with MOQ.



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TECHNICAL SPECIFICATIONS

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## General

Operating environment	semioutdoor
Pixel pitch	2.6mm
Service type	front access
Calibrated brightness (nits)	2.500nits
Lamp type <sup>1</sup>	SMD
Lifespan (hours at %50 brightness)	>100.000hours
White color calibration (adj.)	3.500K~8.500K
Gray scale	>16bits
Brightness control	256 level

## Module Specifications

Refresh frequency	3.840Hz
LED drive method	dynamic
Module material	plastic
PCB type	multilayer
PCB surface coating	humiseal

## Panel Specifications

Product material	Aluminum
Screen dimensions (mm)	281x2.000 <sup>(1)</sup> 562x2.000 <sup>(2)</sup> 843x2.000 <sup>(3)</sup> 1.124x2.000 <sup>(4)</sup>
Product depth	53mm
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Product weight (~single side)	22kg <sup>(2)</sup> 38kg <sup>(3)</sup> 75kg <sup>(3)</sup> 95kg <sup>(4)</sup>
Screen resolution	108x768px <sup>(1)</sup> 216x768px <sup>(2)</sup> 324x768px <sup>(3)</sup> 432x768px <sup>(4)</sup>
Viewing angle (horizontal x vertical)	>160° x 140°
Minimum viewing distance	>2.6m
Operating temperature range	-5°C ~ +45°C
Storage temperature range	-20°C ~ +60°C
Operating humidity	10% ~ 90% non-condensing
Power input voltage	110 ~ 240 VAC
Power input frequency	50~60Hz
Average power	<105W~200W
Max power	<360W~650W
Active PFC	YES
Load tolerance <sup>2</sup>	25% min.
Cooling	Passive cooling
Product color <sup>3</sup>	Grey (RAL 7016)

## Other

Internal player	YES
Combined screen function	YES
Installation type	Stand, hanging or wall mounting
Brightness adjustment	Automatic & manual
Dead pixel monitoring	N/A
Module monitoring	N/A
Temperature monitoring	YES
Signal path backup	YES
Signal transmission	CAT or Fiber Optic
Standby scheduling	YES
Power on/off scheduling	Optional
Power saving mode	YES
Certification	CE-EMC, CE-LVD, RoHS,FCC

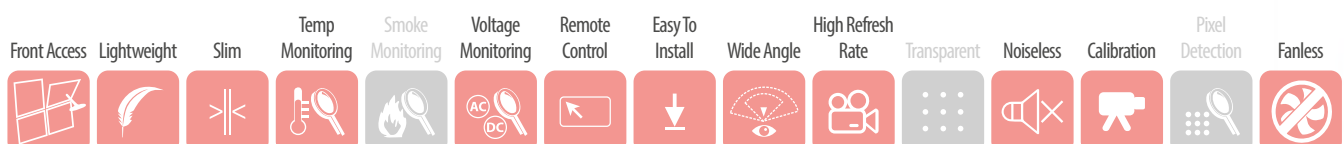
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