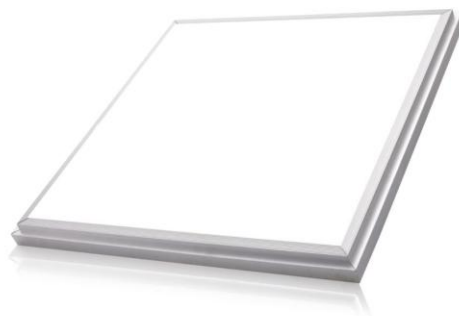


SIGNATURE LIGHTING LED

Signature "Helios" LED Flat Panel is best designed for offices, hospitals, and other professional locales with its remarkable luminous efficacy of **91 lm/W** achieved by utilizing ultra-bright SMD LEDs in tandem. Its luminous efficacy is far greater than common LED panels on the market, which are generally rated at 50lm/W. Signature Flat LED Panels are available in three dimensions: 2X2, 1X4, 2X4.

By mounting LED arrays at the back side of the panel, rather than sideways, as is usually done in other panels on the market, Signature Flat LED Panels achieve maximum heat dissipation and thermal control capabilities. Such a design also helps ensure low lumen decay.

FCC and ETL listed (ETL No.: 4003329). Its unique driver box complies with US and CSA regulation for recessed ceiling fixtures.



Helios LED Flat Panel 2 x 2

Physical Specifications

Dimensions	603 mm x 603 mm (2' x 2')
Housing	Extrusion Aluminum and PC Diffuser
Finish Color	White and Silver
Lens Type	Frosted Lens
Work Environment	Indoor Use (Applicable for Dry Environments)

Electrical Specifications

Lighting Source	SMD LED Arrays
LED Quantity	729 LEDs
Power Consumption	42W $\pm$ 2W
Input Voltage	Max. 36VDC, 1400mA (Input Voltage of External Power Supply: 100-277VAC)
Power Factor	>0.95
Operation Temperature	-20~40°C (-4~104°F)

Optical Specifications

Luminous Flux	3850 $\pm$ 50lm
Luminous Efficacy	91 lm/W
CRI	>75
Beam Angle	150°
Lumen Maintenance	> 98% @ 1,000 hrs

Ordering Information: Signature Helios LED Flat Panel 2X2

Part No.	Color Temperature	Option
HCL-FLT8W-0600AD-FI	Helios 2x2 LED Flat Panel, 729 LEDs, Warm Light: 2800-3200K, 603mm x 603mm, Frosted Lens	
HCL-FLT8M-0600AD-FI	Helios 2x2 LED Flat Panel, 729 LEDs, Natural Light: 4250-4750K, 603mm x 603mm, Frosted Lens	
HCL-FLT8N-0600AD-FI	Helios 2x2 LED Flat Panel, 729 LEDs, Cool Light: 5500-6500K, 603mm x 603mm, Frosted Lens	

*** Provided information including specification and dimension is subjected to change without notice.

Signature Lighting

3309 E. Mialoma Ave. Ste. 102., Anaheim, CA 92806, T: 714.996.1548/ F: 714.996.1549



www.signatureltg.com

LED Helios Series



SIGNATURE LIGHTING LED

Signature "Helios" LED Flat Panel is best designed for offices, hospitals, and other professional locales with its remarkable luminous efficacy of **91 lm/W** achieved by utilizing ultra-bright SMD LEDs in tandem. Its luminous efficacy is far greater than common LED panels on the market, which are generally rated at 50lm/W. Signature Flat LED Panels are available in three dimensions: 2X2, 1X4, 2X4.

By mounting LED arrays at the back side of the panel, rather than sideways, as is usually done in other panels on the market, Signature Flat LED Panels achieve maximum heat dissipation and thermal control capabilities. Such a design also helps ensure low lumen decay.

FCC and ETL listed (ETL No.: 4003329). Its unique driver box complies with US and CSA regulation for recessed ceiling fixtures.



Helios LED Flat Panel 1 x 4

Physical Specifications

Dimensions	301 mm x 1,212 mm (1' x 4')
Housing	Extrusion Aluminum and PC Diffuser
Finish Color	White and Silver
Lens Type	Frosted Lens
Work Environment	Indoor Use (Applicable for Dry Environments)

Electrical Specifications

Lighting Source	SMD LED Arrays
LED Quantity	702 LEDs
Power Consumption	40W ± 2W
Input Voltage	Max. 36VDC, 1400mA (Input Voltage of External Power Supply: 100-277VAC)
Power Factor	>0.95
Operation Temperature	-20~40°C (-4~104°F)

Optical Specifications

Luminous Flux	3700 ± 50lm
Luminous Efficacy	91 lm/W
CRI	>75
Beam Angle	150°
Lumen Maintenance	> 98% @ 1,000 hrs

Ordering Information: Signature Helios LED Flat Panel 1X4

Part No.	Color Temperature	Option
HCL-FLT8W-0312A0-F1	Helios 1x4 LED Flat Panel, 702 LEDs, Warm Light: 2800-3200K, 301mm x 1212mm, Frosted Lens	
HCL-FLT8M-0312A0-F1	Helios 1x4 LED Flat Panel, 702 LEDs, Natural Light: 4250-4750K, 301mm x 1212mm, Frosted Lens	
HCL-FLT8N-0312A0-F1	Helios 1x4 LED Flat Panel, 702 LEDs, Cool Light: 5500-6500K, 301mm x 1212mm, Frosted Lens	

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Signature Lighting

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LED Helios Series



SIGNATURE LIGHTING **LED**

Signature "Helios" LED Flat Panel is best designed for offices, hospitals, and other professional locales with its remarkable luminous efficacy of **91 lm/W** achieved by utilizing ultra-bright SMD LEDs in tandem. Its luminous efficacy is far greater than common LED panels on the market, which are generally rated at 50lm/W. Signature Flat LED Panels are available in three dimensions: 2X2, 1X4, 2X4.

By mounting LED arrays at the back side of the panel, rather than sideways, as is usually done in other panels on the market, Signature Flat LED Panels achieve maximum heat dissipation and thermal control capabilities. Such a design also helps ensure low lumen decay.

FCC and ETL listed (ETL No.: 4003329). Its unique driver box complies with US and CSA regulation for recessed ceiling fixtures.



Helios LED Flat Panel 2 x 4

Physical Specifications

Dimensions	603 mm x 1,212 mm (2' x 4')
Housing	Extrusion Aluminum and PC Diffuser
Finish Color	White and Silver
Lens Type	Frosted Lens
Work Environment	Indoor Use (Applicable for Dry Environments)

Electrical Specifications

Lighting Source	SMD LED Arrays
LED Quantity	1,458 LEDs
Power Consumption	84W $\pm$ 4W
Input Voltage	Max. 36VDC, 1400mA, 2pcs (Input Voltage of External Power Supply: 100-277VAC)
Power Factor	>0.95
Operation Temperature	-20~40°C (-4~104°F)

Optical Specifications

Luminous Flux	7700 $\pm$ 100lm
Luminous Efficacy	91 lm/W
CRI	>75
Beam Angle	150°
Lumen Maintenance	> 98% @ 1,000 hrs

Ordering Information: Signature Helios LED Flat Panel 2X4

Part No.	Color Temperature	Option
HCL-FLT8W-0612A0-F1	Helios 2x4 LED Flat Panel, 1458 LEDs, Warm Light: 2800-3200K, 603mm x 1212mm, Frosted Lens	
HCL-FLT8M-0612A0-F1	Helios 2x4 LED Flat Panel, 1458 LEDs, Natural Light: 4250-4750K, 603mm x 1212mm, Frosted Lens	
HCL-FLT8N-0612A0-F1	Helios 2x4 LED Flat Panel, 1458 LEDs, Cool Light: 5500-6500K, 603mm x 1212mm, Frosted Lens	

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LED Helios Series

