



## Leyard Europe CarbonLight CLI Flex Series

Curved LED Video Wall

- 0.9, 1.3, 1.5, 1.9, 2.6 & 3.9mm pixel pitches
- Bendable for convex or concave curves
- Hang, wall mount or free stand
- Curve radius as small as 637mm



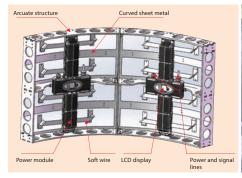
Leyard Europe CarbonLight<sup>™</sup> CLI Flex<sup>™</sup> Series pliable LED video wall displays combine to create immersive and eye-catching concave or convex curved video walls. The LED modules are literally bendable, ideal for smoothly curved walls, waves, halos or column wraps. The modules can form curves as tight as 25" or 637mm without colour shift, offering a more visually-appealing alternative to faceting flat LED cabinets into segmented curves.

## **Combine with Flat Walls**

Leyard Europe CarbonLight CLI Flex Displays can be seamlessly blended with standard, non-pliable, CarbonLight<sup>™</sup> CLI Series cabinets to form unique video walls with both flat and curved sections that can truly envelope viewers.

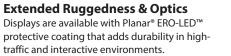






**Efficient System Design** 

Each power and data distribution unit connects to eight LED modules.





## **Custom-defined Curves**

Leyard CarbonLight CLI Flex modules attach magnetically to a custom sheet metal box frame

| Pieze0.9 mm1.3 mm1.5 mm1.9 mm2.6 mm3.9 mmResolution278 x 139192 x 96160 x 80128 x 6496 x 4864 x 32Pieze Dansity1.28 x 54 x 171192 x 54 x 180 x 118 x 200 x 118 x 54 x 118 x 200   | Model                              | CLI-Flex-0.9                                    | CLI-Flex-1.3                                    | CLI-Flex-1.5                                    | CLI-Flex-1.9                                    | CLI-Flex-2.6                                    | CLI-Flex-3.9                                  |  |
|---|------------------------------------|---|---|---|---|---|---|--|
| Need Density1236,544/m²   13,90/m²898,924/m² (63,488/m² ) 499,000/m² (33,66/m² ) 5257/m²2600/m² (33,66/m² ) 5257/m²2600/m² (33,66/m² ) 5575/m²2600/m² (33,66/m² ) 5575/m²2600/m   | Pixel Pitch                        | 0.9 mm  | 1.3 mm  | 1.5 mm  | 1.9 mm  | 2.6 mm  | 3.9 mm  |  |
| Fried Decking     Tele Second mill (Subsect)     Decking (Subsect) <thdecking (subsect)<="" th=""></thdecking>  | Resolution                         | 278 x 139                                       | 192 x 96  | 160 x 80  | 128 x 64  | 96 x 48   | 64 x 32                                       |  |
| Brightness (nits)     1000     600     600     800     800     1.000       Power Consumption (watts)     max. 900/m <sup>2</sup> [33.6/f <sup>2</sup><br>(yp. 300/m <sup>2</sup> ] [33.6/f <sup>2</sup><br>(yp.   | Pixel Density                      |   | 589,824/m <sup>2</sup>   63,488/ft <sup>2</sup> | 409,600/m <sup>2</sup>   38,053/ft <sup>2</sup> | 262,144/m <sup>2</sup>   24,353/ft <sup>2</sup> | 147,456/m <sup>2</sup>   13,699/ft <sup>2</sup> | 65,536/m <sup>2</sup>   6,088/ft <sup>2</sup> |  |
| Power Casumption (watts)     max. 900/m <sup>3</sup> [33.6/ft <sup>3</sup><br>typ. 300/m <sup>3</sup> [23.8/ft <sup>3</sup><br>typ. | LED Module Size (WxH)              | 250 x 125mm   9.84 x 4.92in                     |   |   |   |   |   |  |
| Prover Consumption (withis)     typ. 300/m² [22.8/f²     ty  | Brightness (nits)                  | 1000  | 600   | 600   | 800   | 800   |   |  |
| L2D Module Diagonal     29.5 mm   11in       L2D Module Area     0.01215 m²   33637 ft²       LIne Voltage     0.00-240V AC, 50/60 Hz       LED Module Weight     0.012kg   0.26lbs       System Weight Typical     0.7215kg/m²   5.6lbs/ft²       Contrast Ratio     0.012kg   0.26lbs       Colum Temperature, Adjustable (k)     0.0000-9.000       Grey Scale     0.0000-9.000       Frane Rate     0.0000-9.000       Control Type Input     0.0000 hs       Environe Rate     0.0000 hs       Environe Rate     0.0000 hs       Environe Kores     Front       Power Supply     Indoor       Corto 40°C   -4" to 104°F       Regulatory Compliance     -20° to 40°C   | Power Consumption (watts)          |   |   |   |   |   |   |  |
| LD Module Are .03125 m² 1,3337 ft²   Line Voltage .000-240V AC, 50/60 Hz   LED Module Weight .012kg 10.26lbs   System Weight Typical .012kg 10.26lbs/ft²   Contrast Ratio .0001   Contrast Ratio .0001   Colour Temperature, Adjustable (k) .0001   Grey Scale .000-9,000   Grey Scale .014 bit   Viewing Angle (H/V) .016000 -9,000   Grey Scale .000-9,000   Grey Scale .000-9,000   Grey Scale .000-9,000   Grey Scale .000-9,000   Frame Rate .000-9,000   Sorrie Access .000-9,000   Environment .0000 hrs   Lifetime, Typical .00000 hrs   Environment .0000   Power Supply .0000 hrs   Gregat Temperature .200*040*C[ -4*1 to 104* F   Storage Temperature .200*040*C[ -4*1 to 104* F   Regulatory Compliance .FCC Class A, CE, UL recognized component   Mounting Structure .000   Planar ERO-LED Plus required   | Curve Diameter Min                 | 1,274mm   |   |   |   |   |   |  |
| Line Voltage     100-240 V. S. 90/60 H2       Line Voltage     0.12kg [0.26]bs       System Weight Typical     2.215kg/m² [5.6]bs/f²       Contrast Ratio     4.000:1       LED Refresh Rate     3.840Hz       Colour Temperature, Adjustabe(k)     3.000-9.000       Grey Scale     14 bit       Viewing Angle (H/V)     0.000 - 0.000       Frame Rate     50-60Hz       Stroite Scale     0.000 - 0.000       Frame Rate     50-60Hz       Stroite Scale     Front       Lifetime, Typical     0.000 - 0.000       Frame Rate     50-60Hz       Stroite Access     Front       Stroite Access     Front       Lifetime, Typical     Indoor       Power Supply     Oual Power Supply       Operating Temperature     -20° to 40° C [-4° to 104° F       Stroite C = -35° to 60° C [-31° to 104° F     Stroite C = -35° to 60° C [-31° to 104° F       Stroite Stroite C = -10° to 40° C [-4° to 104° F     Stroite C = -35° to 60° C [-31° to 104° F       Stroite Stroite C = -10° to 40° C [-4° to 104° F     Stroite C = -35° to 60° C [-31° to 104° F       Stroite Stroite C = -10° to 40° C [-4° to 104° F <th>LED Module Diagonal</th> <th colspan="6">279.5mm   11in</th>   | LED Module Diagonal                | 279.5mm   11in                                  |   |   |   |   |   |  |
| LED Module Weight0.12kg   0.26lbsSystem Weight Typical27.15kg/m²   5.6lbs/ft²Contrast Ratio4.000.1LED Refersh Rate3,840HzColour Temperature, Adjustable (k)3.000 - 9.000Grey Scale14 bitViewing Angle (H/V)0Frame Rate50~60HzSorrice AccessFrontService AccessFrontLifetime, Typical100.000 hrsEnvironmentIndoorPower Supply0Operating Temperature-20°t 0.40°C   -4° to 104° FStorage TemperatureGRegulatory ComplianceFCC Class A, CE, UL recognized componentMounting StructurerequiredOptional   | LED Module Area                    | .03125 m <sup>2</sup>   .33637 ft <sup>2</sup>  |   |   |   |   |   |  |
| System Weight Typical     27.15k/m² <sup>1</sup>   5.6lb/ft <sup>2</sup> Contrast Ratio     27.15k/m² <sup>1</sup>   5.6lb/ft <sup>2</sup> LED Refresh Rate     3,840Hz       Colour Temperature, Adjustable (k)     3,000 - 9,000       Grey Scale     14 bit       Viewing Angle (H/V)     140°,140°       Frame Rate     50~60Hz       Control Type Input     CAT6 Ethernet       Service Access     Front       Environment     Indoor       Power Supply     Dual Power Supply       Operating Temperature     -20° to to °C   -31° to 100° F       Strage Temperature     -20° to to °C   -31° to 100° F       Regulatory Compliance     FCCCLass A, CE, UL recognized component       Planar ERO-LED Plus     required     optional  | Line Voltage                       | 100~240V AC, 50/60 Hz                           |   |   |   |   |   |  |
| Contrast Ratio 4,000.1   LED Refresh Rate 3,840Hz   Colour Temperature, Adjustable(A) 3,000-9,000   Grey Scale 3,000-9,000   Grey Scale 14 bit   Viewing Angle (H/V) 140°, 140°   Frame Rate 50~60Hz   Control Type Input CATG Ethernet   Service Access Front   Lifetime, Typical 100,000 hrs   Environment Indoor   Power Supply Dual Power Supply   Operating Temperature -20° to 40° C   -4° to 104° F   Regulatory Compliance FCC Class A, CE, UL recognized component   Mounting Structure required optional  | LED Module Weight                  | 0.12kg   0.26lbs                                |   |   |   |   |   |  |
| LED Refresh Rate 3.840Hz   Colour Temperature, Adjustable (k) 3.000-9.000   Grey Scale 14 bit   Viewing Angle (H/V) 14 0°, 140°   Frame Rate 50~60Hz   Control Type Input CAT6 Ethernet   Service Access Front   Lifetime, Typical 100.000 hrs   Fromer Rate 100.000 hrs   Service Access Indoor   Forer Supply Dual Power Supply   Operating Temperature -20° to 40° C [-4° to 104° F   Storage Temperature -35° to 60° C [-31° to 140° F   Regulatory Compliance FCCCLass A, CE, UL recognized component   Mounting Structure required optional   | System Weight Typical              | 27.15kg/m <sup>2</sup>   5.6lbs/ft <sup>2</sup> |   |   |   |   |   |  |
| Colour Temperature, Adjustable (k)3,000-9,000Grey Scale14 bitViewing Angle (H/V)140°, 140°Frame Rate50~60HzControl Type InputCATG EthernetService AccessFrontLifetime, Typical100,000 hrsEnvironmentIndoorPower SupplyDual Power SupplyOperating Temperature-20° to 40° C   -4° to 104° FStorage TemperatureFCCC Class A, CE, UL recognized componentMounting Structurerequiredoptional   | Contrast Ratio                     | 4,000:1   |   |   |   |   |   |  |
| Grey Scale 14 bit   Viewing Angle (H/V) 140°, 140°   Frame Rate 50~60H2   Control Type Input CAT6 Ethernet   Service Access Front   Lifetime, Typical 100,000 hrs   Environment Indoor   Power Supply Operating Temperature   Storage Temperature -20° to 40° C   -4° to 104° F   Regulatory Compliance FCC Class A, CE, UL recognized component   Mounting Structure required optional   | LED Refresh Rate                   | 3,840Hz   |   |   |   |   |   |  |
| Viewing Angle (H/V)   140°, 140°     Frame Rate   50~60Hz     Control Type Input   GCATG Ethernet     Service Access   Front     Lifetime, Typical   100,000 hrs     Environment   Indoor     Power Supply   Oula Power Supply     Operating Temperature   -20° to 40° C   -4° to 104° F     Regulatory Compliance   FCC Class A, CE, UL recognized component     Mounting Structure   required   Optional  | Colour Temperature, Adjustable (k) | 3,000~9,000                                     |   |   |   |   |   |  |
| Frame Rate   S0~60Hz     Control Type Input   CAT6 Ethernet     Control Type Input   Front     Service Access   Front     Lifetime, Typical   Ontrol Topoon Indoor     Power Supply   Indoor     Operating Temperature   -20° to 40° C J - 4° to 104° F     Storage Temperature   -20° to 40° C J - 4° to 104° F     Regulatory Compliance   FCC Class A, CE, UL recognized component     Mounting Structure   required   Optional  | Grey Scale                         | 14 bit  |   |   |   |   |   |  |
| Control Type Input   CAT6 Ethernet     Control Type Input   Front     Service Access   Front     Lifetime, Typical   100,000 hrs     Environment   Indoor     Power Supply   Oual Power Supply     Operating Temperature   -20° to 40° C   -4° to 104° F     Storage Temperature   -20° to 40° C   -4° to 104° F     Regulatory Compliance   FCC Class A, CE, UL recognized component     Mounting Structure   required   Optional  | Viewing Angle (H/V)                | 140°, 140°                                      |   |   |   |   |   |  |
| Service Access Front   Lifetime, Typical 100,000 hrs   Environment Indoor   Power Supply Dual Power Supply   Operating Temperature -20° to 40° C   -4° to 104° F   Storage Temperature -35° to 60° C   -31° to 140° F   Regulatory Compliance FCC Class A, CE, UL recognized component   Mounting Structure required optional   | Frame Rate                         | 50~60Hz   |   |   |   |   |   |  |
| Lifetime, Typical   100,000 hrs     Environment   Indoor     Power Supply   Operating Temperature     Operating Temperature   -20° to 40° C   -4° to 104° F     Storage Temperature   -35° to 60° C   -31° to 140° F     Regulatory Compliance   FCC Class A, CE, UL recognized component     Mounting Structure   optional   | Control Type Input                 | CAT6 Ethernet                                   |   |   |   |   |   |  |
| Environment Indoor   Power Supply Dual Power Supply   Operating Temperature -20° to 40° C   -4° to 104° F   Storage Temperature -35° to 60° C   -31° to 140° F   Regulatory Compliance FCC Class A, CE, UL recognized component   Mounting Structure required optional  | Service Access                     | Front   |   |   |   |   |   |  |
| Power Supply Dual Power Supply   Operating Temperature -20° to 40° C   -4° to 104° F   Storage Temperature -35° to 60° C   -31° to 140° F   Regulatory Compliance FCC Class A, CE, UL recognized component   Mounting Structure Custom sheet metal box frame   Planar ERO-LED Plus required optional  | Lifetime, Typical                  | 100,000 hrs                                     |   |   |   |   |   |  |
| Operating Temperature -20° to 40° C   -4° to 104° F   Storage Temperature -35° to 60° C   -31° to 140° F   Regulatory Compliance FCC Class A, CE, UL recognized component   Mounting Structure Custom sheet metal box frame   Planar ERO-LED Plus required optional   | Environment                        | Indoor  |   |   |   |   |   |  |
| Storage Temperature -35° to 60° C   -31° to 140° F   Regulatory Compliance FCC Class A, CE, UL recognized component   Mounting Structure Custom sheet metal box frame   Planar ERO-LED Plus required optional   | Power Supply                       | Dual Power Supply                               |   |   |   |   |   |  |
| Regulatory Compliance FCC Class A, CE, UL recognized component   Mounting Structure Custom sheet metal box frame   Planar ERO-LED Plus required optional  | Operating Temperature              | -20° to 40° C   -4° to 104° F                   |   |   |   |   |   |  |
| Mounting Structure Custom sheet metal box frame   Planar ERO-LED Plus required optional   | Storage Temperature                | -35° to 60° C   -31° to 140° F                  |   |   |   |   |   |  |
| Planar ERO-LED Plus required optional   | Regulatory Compliance              | FCC Class A, CE, UL recognized component        |   |   |   |   |   |  |
|   | Mounting Structure                 |   |   | Custom sheet n                                  | netal box frame                                 |   |   |  |
| Power & Data Distribution Box 8 LED modules per box   | Planar ERO-LED Plus                | requ  | required optional                               |   |   |   |   |  |
|   | Power & Data Distribution Box      | 8 LED modules per box                           |   |   |   |   |   |  |

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