

AlphaEclipse Outdoor LED signs

The AlphaEclipse Series includes 3 families:

AlphaEclipse 2500, for reading distances from 15 to 200m

Red or Amber, with a 30° viewing angle

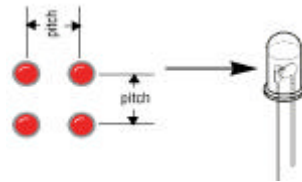
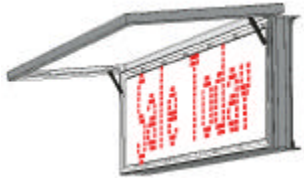
AlphaEclipse 2600, for reading distances from 25 to 300m

Red or Amber, with a 30° viewing angle (Alpha Eclipse 2600) or a 70° viewing angle (AlphaEclipse 2601)

AlphaEclipse 3500, for reading distances from 50 to 600m.

Red or Amber, with a 30° viewing angle (Alpha Eclipse 3500) or a 70° viewing angle (AlphaEclipse 3501)

AlphaEclipse 2500 & AlphaEclipse 2600 anatomy -----



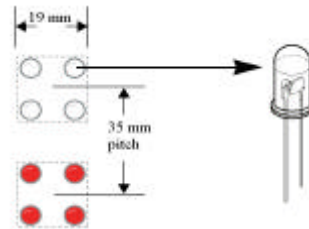
In AlphaEclipse 2500 & 2600 families, each pixel is made of one individual LED.

Pitch = distance between 2 pixels

AlphaEclipse 2500 pitch: 11.43 mm

AlphaEclipse 2600 & 2601 pitch: 15.24 mm

AlphaEclipse 3500 anatomy -----



In AlphaEclipse 3500 family, a pixel is made of 4 LEDs (a "cluster").

Pitch = distance between 2 pixels

AlphaEclipse 3500 & 3501 pitch: 35.56 mm

AlphaEclipse displays are full matrix signs: The whole surface of the display is a dot matrix

These signs offer complete flexibility to display text and graphics.

For instance, a **192 x 64** displays has **64** pixels lines and **192** pixels columns, where you can write :

3 lines of 20 pixels "20 pixels = 229 mm for an AlphaEclipse 2500 (Pitch: 11.43 mm) and 304 mm for an AlphaEclipse 2600 (Pitch: 15,24 mm)"

Or **8 lines of 7 pixels** " 7 pixels = 76 mm for an AlphaEclipse 2500 (Pitch: 11.43mm) and 107 mm for an AlphaEclipse 2600 (pitch: 15,24 mm)"

Or **1 line of 30 + 2 lines of 10 + 1 line of 7 pixels**, which is 1 line of 320 mm + 2 lines of 100 mm + 1 line of 77 mm for an AlphaEclipse 2500

etc...

You can also display graphics and animations.

AlphaEclipse 3500

Reading distance: 50 to 600m.

Other size combination are possible.
Typical use examples.

		Case Dimension (mm) (L x H x D)
AlphaEclipse 3500	64 x 8	2 489 x 483 x 190
AlphaEclipse 3500	80 x 8	3 048 x 483 x 190
AlphaEclipse 3500	96 x 8	3 607 x 483 x 190
AlphaEclipse 3500	112 x 8	4 166 x 483 x 190
AlphaEclipse 3500	128 x 8	4 725 x 483 x 190
AlphaEclipse 3500	144 x 8	5 283 x 483 x 190

1 line characters: 280 mm, 5x8	
Max. read. dist. 140 m.	10 characters/line
	13
	16
	18
	21
	24

		Case Dimension (mm) (L x H x D)
AlphaEclipse 3500	64 x 16	2 489 x 762 x 190
AlphaEclipse 3500	80 x 16	3 048 x 762 x 190
AlphaEclipse 3500	96 x 16	3 607 x 762 x 190
AlphaEclipse 3500	112 x 16	4 166 x 762 x 190
AlphaEclipse 3500	128 x 16	4 725 x 762 x 190
AlphaEclipse 3500	144 x 16	5 283 x 762 x 190

2 lines characters: 254 mm, 5x7	
Max. read. dist. 120 m.	10 characters/line
	13
	16
	18
	21
	24

1 line characters: 558 mm, 7x16	
Max. read. dist. 280 m.	7 characters/line
	8
	10
	12
	14
	16

		Case Dimension (mm) (L x H x D)
AlphaEclipse 3500	64 x 24	2 515 x 1 016 x 216
AlphaEclipse 3500	80 x 24	3 073 x 1 016 x 216
AlphaEclipse 3500	96 x 24	3 632 x 1 016 x 216
AlphaEclipse 3500	112 x 24	4 191 x 1 016 x 216
AlphaEclipse 3500	128 x 24	4 750 x 1 016 x 216

4 lines characters: 178 mm, 4x5	
Max. read. dist. 90 m.	12 characters/line
	16
	19
	22
	25

3 lines characters: 254 mm, 5x7	
Max. read. dist. 120 m.	10 characters/line
	13
	16
	18
	21

2 lines characters: 356 mm, 8x10	
Max. read. dist. 170 m.	7 characters/line
	8
	10
	12
	14

1 line characters: 838 mm, 7x24	
Max. read. dist. 400 m.	7 characters/line
	8
	10
	12
	14

		Case Dimension (mm) (L x H x D)
AlphaEclipse 3500	64 x 32	2 515 x 1 295 x 216
AlphaEclipse 3500	80 x 32	3 073 x 1 295 x 216
AlphaEclipse 3500	96 x 32	3 632 x 1 295 x 216
AlphaEclipse 3500	112 x 32	4 191 x 1 295 x 216
AlphaEclipse 3500	128 x 32	4 750 x 1 295 x 216

5 lines characters: 178 mm, 4x5	
Max. read. dist. 90 m.	12 characters/line
	16
	19
	22
	25

4 lines characters: 254 mm, 5x7	
Max. read. dist. 120 m.	10 characters/line
	13
	16
	18
	21

3 lines characters: 356 mm, 8x10	
Max. read. dist. 170 m.	7 characters/line
	8
	10
	12
	14

2 lines characters: 533 mm, 7x15	
Max. read. dist. 260 m.	7 characters/line
	8
	10
	12
	14

1 line characters: 1 118 mm, 7x32	
Max. read. dist. 600 m.	7 characters/line
	8
	10
	12
	14

AlphaEclipse 3500 case depth excluding mounting hook : 134 mm

AlphaEclipse 2600

Reading distance: 25 to 300m.

	Case Dimension (mm) (L x H x D)
AlphaEclipse 2600 96 x 16	1 626 x 394 x 203
AlphaEclipse 2600 128 x 16	2 108 x 394 x 203
AlphaEclipse 2600 160 x 16	2 591 x 394 x 203
AlphaEclipse 2600 192 x 16	3 073 x 394 x 203

	2 lines characters: 107 mm, 5x7	1 line characters: 244 mm, 7x16
Max. read. dist. 50 m.	16 characters/line	10 characters/line
	21	14
	26	17
	32	21

Typical use examples.
Other size combination are possible

	Case Dimension (mm) (L x H x D)	5 lines characters: 76 mm, 4x5	4 lines characters: 107 mm, 5x7	3 lines characters: 152 mm, 8x10	2 lines characters: 229 mm, 7x15	1 line characters: 488 mm, 7x32				
AlphaEclipse 2600 96 x 32	1 626 x 635 x 203	Max. read. dist. 35 m.	Max. read. dist. 50 m.	Max. read. dist. 80 m.	Max. read. dist. 110 m.	Max. read. dist. 240 m.				
AlphaEclipse 2600 128 x 32	2 108 x 635 x 203						19 characters/line	16 characters/line	10 characters/line	10 characters/line
AlphaEclipse 2600 160 x 32	2 591 x 635 x 203						25	21	14	14
AlphaEclipse 2600 192 x 32	3 073 x 635 x 203						32	26	17	17
		38	32	21	21	21				

	Case Dimension (mm) (L x H x D)	8 lines characters: 76 mm, 4x5	6 lines characters: 107 mm, 5x7	4 lines characters: 152 mm, 8x10	3 lines characters: 229 mm, 7x15	2 lines characters: 304 mm, 8x20				
AlphaEclipse 2600 96 x 48	1 626 x 889 x 203	Max. read. dist. 35 m.	Max. read. dist. 50 m.	Max. read. dist. 80 m.	Max. read. dist. 110 m.	Max. read. dist. 150 m.				
AlphaEclipse 2600 128 x 48	2 108 x 889 x 203						19 characters/line	16 characters/line	10 characters/line	10 characters/line
AlphaEclipse 2600 160 x 48	2 591 x 889 x 203						25	21	14	14
AlphaEclipse 2600 192 x 48	3 073 x 889 x 203						32	26	17	17
		38	32	21	21	21				

	Case Dimension (mm) (L x H x D)	10 lines characters: 76 mm, 4x5	8 lines characters: 107 mm, 5x7	5 lines characters: 152 mm, 8x10	4 lines characters: 229 mm, 7x15	3 lines characters: 304 mm, 8x20				
AlphaEclipse 2600 96 x 64	1 626 x 1 118 x 203	Max. read. dist. 35 m.	Max. read. dist. 50 m.	Max. read. dist. 80 m.	Max. read. dist. 110 m.	Max. read. dist. 150 m.				
AlphaEclipse 2600 128 x 64	2 108 x 1 118 x 203						19 characters/line	16 characters/line	10 characters/line	10 characters/line
AlphaEclipse 2600 160 x 64	2 591 x 1 118 x 203						25	21	14	14
AlphaEclipse 2600 192 x 64	3 073 x 1 118 x 203						32	26	17	17
		38	32	21	21	21				

	Case Dimension (mm) (L x H x D)	13 lines characters: 76 mm, 4x5	10 lines characters: 107 mm, 5x7	7 lines characters: 152 mm, 8x10	5 lines characters: 229 mm, 7x15				
AlphaEclipse 2600 96 x 80	1 626 x 1 372 x 203	Max. read. dist. 35 m.	Max. read. dist. 50 m.	Max. read. dist. 80 m.	Max. read. dist. 110 m.				
AlphaEclipse 2600 128 x 80	2 108 x 1 372 x 203					19 characters/line	16 characters/line	16 characters/line	10 characters/line
AlphaEclipse 2600 160 x 80	2 591 x 1 372 x 203					25	21	21	14
AlphaEclipse 2600 192 x 80	3 073 x 1 372 x 203					32	26	26	17
		38	32	32	21				

AlphaEclipse 2600 case depth excluding mounting hook : 132 mm

AlphaEclipse 2500

Reading distance: 15 to 200.

	Case Dimension (mm) (L x H x D)
AlphaEclipse 2500 96 x 16	1 245 x 330 x 203
AlphaEclipse 2500 128 x 16	1 626 x 330 x 203
AlphaEclipse 2500 160 x 16	1 981 x 330 x 203
AlphaEclipse 2500 192 x 16	2 337 x 330 x 203

	2 lines characters: 76 mm, 5x7
Max. read. dist. 35 m.	16 characters/line
	21
	26
	32

	1 line characters: 183 mm, 7x16
Max. read. dist. 90 m.	10 characters/line
	14
	17
	21

Typical use examples.
Other size combination are possible

	Case Dimension (mm) (L x H x D)
AlphaEclipse 2500 96 x 32	1 245 x 508 x 203
AlphaEclipse 2500 128 x 32	1 626 x 508 x 203
AlphaEclipse 2500 160 x 32	1 981 x 508 x 203
AlphaEclipse 2500 192 x 32	2 337 x 508 x 203

	5 lines characters: 57 mm, 5x4
Max. read. dist. 25 m.	19 characters/line
	25
	32
	38

	4 lines characters: 76 mm, 5x7
Max. read. dist. 40 m.	16 characters/line
	21
	26
	32

	3 lines characters: 114 mm, 8x10
Max. read. dist. 60 m.	10 characters/line
	14
	17
	21

	2 lines characters: 178 mm, 7x15
Max. read. dist. 90 m.	10 characters/line
	14
	17
	21

	1 line characters: 365 mm 7x32
Max. read. dist. 180 m.	10 characters/line
	14
	17
	21

	Case Dimension (mm) (L x H x D)
AlphaEclipse 2500 96 x 48	1 245 x 699 x 203
AlphaEclipse 2500 128 x 48	1 626 x 699 x 203
AlphaEclipse 2500 160 x 48	1 981 x 699 x 203
AlphaEclipse 2500 192 x 48	2 337 x 699 x 203

	8 lines characters: 57 mm, 4x5
Max. read. dist. 25 m.	19 characters/line
	25
	32
	38

	6 lines characters: 76 mm, 5x7
Max. read. dist. 30 m.	16 characters/line
	21
	26
	32

	4 lines characters: 114 mm, 8x10
Max. read. dist. 60 m.	10 characters/line
	14
	17
	21

	3 lines characters: 178 mm, 7x15
Max. read. dist. 90 m.	10 characters/line
	14
	17
	21

	2 lines characters: 229 mm 8x20
Max. read. dist. 110 m.	10 characters/line
	14
	17
	21

	Case Dimension (mm) (L x H x D)
AlphaEclipse 2500 96 x 64	1 245 x 876 x 203
AlphaEclipse 2500 128 x 64	1 626 x 876 x 203
AlphaEclipse 2500 160 x 64	1 981 x 876 x 203
AlphaEclipse 2500 192 x 64	2 337 x 876 x 203

	10 lines characters: 57 mm, 4x5
Max. read. dist. 25 m.	19 characters/line
	25
	32
	38

	8 lines characters: 76 mm, 5x7
Max. read. dist. 40 m.	16 characters/line
	21
	26
	32

	5 lines characters: 114 mm, 8x10
Max. read. dist. 60 m.	10 characters/line
	14
	17
	21

	4 lines characters: 178 mm, 7x15
Max. read. dist. 90 m.	10 characters/line
	14
	17
	21

	3 lines characters: 229 mm 8x20
Max. read. dist. 110 m.	10 characters/line
	14
	17
	21

	Case Dimension (mm) (L x H x D)
AlphaEclipse 2500 96 x 80	1 245 x 1 054 x 203
AlphaEclipse 2500 128 x 80	1 626 x 1 054 x 203
AlphaEclipse 2500 160 x 80	1 981 x 1 054 x 203
AlphaEclipse 2500 192 x 80	2 337 x 1 054 x 203

	13 lines characters: 57 mm, 4x5
Max. read. dist. 25 m.	19 characters/line
	25
	32
	38

	10 lines characters: 76 mm, 5x7
Max. read. dist. 40 m.	16 characters/line
	21
	26
	32

	7 lines characters: 114 mm, 8x10
Max. read. dist. 60 m.	16 characters/line
	21
	26
	32

	5 lines characters: 178 mm, 7x15
Max. read. dist. 90 m.	10 characters/line
	14
	17
	21

AlphaEclipse 2500 case depth excluding mounting hook : 132 mm