

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

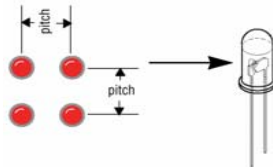
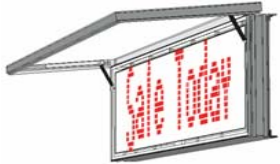
AlphaEclipse 2600, for reading distances from 25 to 300m

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



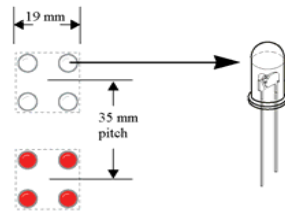
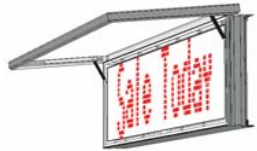
In AlphaEclipse 2500 & 2600 families, each pixel is made of one individual LED.

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 + 3501

Reading distance: 50 to 600m.

	Case Dimension (mm) (L x H x D)	Weight (kg)
AlphaEclipse 3500 64 x 8	2 489 x 483 x 190	64
AlphaEclipse 3500 80 x 8	3 048 x 483 x 190	72
AlphaEclipse 3500 96 x 8	3 607 x 483 x 190	86
AlphaEclipse 3500 112 x 8	4 166 x 483 x 190	100
AlphaEclipse 3500 128 x 8	4 725 x 483 x 190	109
AlphaEclipse 3500 144 x 8	5 283 x 483 x 190	118

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)	Weight (kg)
AlphaEclipse 3500 64 x 16	2 489 x 762 x 190	84
AlphaEclipse 3500 80 x 16	3 048 x 762 x 190	100
AlphaEclipse 3500 96 x 16	3 607 x 762 x 190	113
AlphaEclipse 3500 112 x 16	4 166 x 762 x 190	129
AlphaEclipse 3500 128 x 16	4 725 x 762 x 190	145
AlphaEclipse 3500 144 x 16	5 283 x 762 x 190	161

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

Other size combination are possible.
Typical use examples.

	Case Dimension (mm) (L x H x D)	Weight (kg)
AlphaEclipse 3500 64 x 24	2 515 x 1 016 x 216	199
AlphaEclipse 3500 80 x 24	3 073 x 1 016 x 216	211
AlphaEclipse 3500 96 x 24	3 632 x 1 016 x 216	220
AlphaEclipse 3500 112 x 24	4 191 x 1 016 x 216	234
AlphaEclipse 3500 128 x 24	4 750 x 1 016 x 216	243
AlphaEclipse 3500 144 x 24	5 296 x 1 016 x 216	261

4 lines characters: 178 mm, 4x5	
Max. read. dist. 90 m.	10 characters/line
	13
	16
	18
	21
	24

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

2 lines characters: 356 mm, 8x10	
Max. read. dist. 170 m.	7 characters/line
	8
	10
	12
	14
	16

1 line characters: 838 mm, 7x24	
Max. read. dist. 400 m.	7 characters/line
	8
	10
	12
	14
	16

	Case Dimension (mm) (L x H x D)	Weight (kg)
AlphaEclipse 3500 64 x 32	2 515 x 1 295 x 216	218
AlphaEclipse 3500 80 x 32	3 073 x 1 295 x 216	229
AlphaEclipse 3500 96 x 32	3 632 x 1 295 x 216	242
AlphaEclipse 3500 112 x 32	4 191 x 1 295 x 216	254
AlphaEclipse 3500 128 x 32	4 750 x 1 295 x 216	268
AlphaEclipse 3500 144 x 32	5 296 x 1 296 x 216	288

5 lines characters: 178 mm, 4x5	
Max. read. dist. 90 m.	10 characters/line
	13
	16
	18
	21
	24

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

3 lines characters: 356 mm, 8x10	
Max. read. dist. 170 m.	7 characters/line
	8
	10
	12
	14
	16

2 lines characters: 533 mm, 7x15	
Max. read. dist. 260 m.	7 characters/line
	8
	10
	12
	14
	16

1 line characters: 1 118 mm, 7x32	
Max. read. dist. 600 m.	7 characters/line
	8
	10
	12
	14
	16

AlphaEclipse 3500 case depth excluding mounting hook : 134 mm

AlphaEclipse 2600 + 2601

Reading distance: 25 to 300m.

	Case Dimension (mm) (L x H x D)	Weight (kg)
AlphaEclipse 2600 96 x 16	1 626 x 394 x 203	43
AlphaEclipse 2600 128 x 16	2 108 x 394 x 203	58
AlphaEclipse 2600 160 x 16	2 591 x 394 x 203	72
AlphaEclipse 2600 192 x 16	3 073 x 394 x 203	87

2 lines characters: 107 mm, 5x7	
Max.read.dist 50 m	16 characters/line
	21
	26
	32

1 line characters: 244 mm, 7x16	
Max.read.dist 120 m	10 characters/line
	14
	17
	21

Typical use examples.
Other size combination are possible

	Case Dimension (mm) (L x H x D)	Weight (kg)
AlphaEclipse 2600 96 x 32	1 626 x 635 x 203	54
AlphaEclipse 2600 128 x 32	2 108 x 635 x 203	65
AlphaEclipse 2600 160 x 32	2 591 x 635 x 203	77
AlphaEclipse 2600 192 x 32	3 073 x 635 x 203	90

5 lines characters: 76 mm, 4x5	
Max.read.dist 35 m	19 characters/line
	25
	32
	38

4 lines characters: 107 mm, 5x7	
Max.read.dist 50 m	16 characters/line
	21
	26
	32

3 lines characters: 152 mm, 8x10	
Max.read.dist 80 m	10 characters/line
	14
	17
	21

2 lines characters: 229 mm, 7x15	
Max.read.dist 110 m	10 characters/line
	14
	17
	21

1 line characters: 488 mm, 7x32	
Max.read.dist 240 m	10 characters/line
	14
	17
	21

	Case Dimension (mm) (L x H x D)	Weight (kg)
AlphaEclipse 2600 96 x 48	1 626 x 889 x 203	63
AlphaEclipse 2600 128 x 48	2 108 x 889 x 203	74
AlphaEclipse 2600 160 x 48	2 591 x 889 x 203	87
AlphaEclipse 2600 192 x 48	3 073 x 889 x 203	99

8 lines characters: 76 mm, 4x5	
Max.read.dist 35 m	19 characters/line
	25
	32
	38

6 lines characters: 107 mm, 5x7	
Max.read.dist 50 m	16 characters/line
	21
	26
	32

4 lines characters: 152 mm, 8x10	
Max.read.dist 80 m	10 characters/line
	14
	17
	21

3 lines characters: 229 mm, 7x15	
Max.read.dist 110 m	10 characters/line
	14
	17
	21

2 lines characters: 304 mm, 8x20	
Max.read.dist 150 m	10 characters/line
	14
	17
	21

	Case Dimension (mm) (L x H x D)	Weight (kg)
AlphaEclipse 2600 96 x 64	1 626 x 1 118 x 203	90
AlphaEclipse 2600 128 x 64	2 108 x 1 118 x 203	101
AlphaEclipse 2600 160 x 64	2 591 x 1 118 x 203	113
AlphaEclipse 2600 192 x 64	3 073 x 1 118 x 203	126

10 lines characters: 76 mm, 4x5	
Max.read.dist 35 m	19 characters/line
	25
	32
	38

8 lines characters: 107 mm, 5x7	
Max.read.dist 50 m	16 characters/line
	21
	26
	32

5 lines characters: 152 mm, 8x10	
Max.read.dist 80 m	10 characters/line
	14
	17
	21

4 lines characters: 229 mm, 7x15	
Max.read.dist 110 m	10 characters/line
	14
	17
	21

3 lines characters: 304 mm, 8x20	
Max.read.dist 150 m	10 characters/line
	14
	17
	21

	Case Dimension (mm) (L x H x D)	Weight (kg)
AlphaEclipse 2600 96 x 80	1 626 x 1 372 x 203	107
AlphaEclipse 2600 128 x 80	2 108 x 1 372 x 203	118
AlphaEclipse 2600 160 x 80	2 591 x 1 372 x 203	131
AlphaEclipse 2600 192 x 80	3 073 x 1 372 x 203	143

13 lines characters: 76 mm, 4x5	
Max.read.dist 35 m	19 characters/line
	25
	32
	38

10 lines characters: 107 mm, 5x7	
Max.read.dist 50 m	16 characters/line
	21
	26
	32

7 lines characters: 152 mm, 8x10	
Max.read.dist 80 m	10 characters/line
	14
	17
	21

5 lines characters: 229 mm, 7x15	
Max.read.dist 110 m	10 characters/line
	14
	17
	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)	Weight (kg)
AlphaEclipse 2500 96 x 16	1 245 x 330 x 203	27
AlphaEclipse 2500 128 x 16	1 626 x 330 x 203	36
AlphaEclipse 2500 160 x 16	1 981 x 330 x 203	45
AlphaEclipse 2500 192 x 16	2 337 x 330 x 203	54

2 lines characters: 76 mm, 5x7		1 line characters: 183 mm, 7x16	
Max.read.dist. 35 m	16 characters/line	Max.read.dist. 90 m	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)	Weight (kg)	5 lines characters: 57 mm, 5x4		4 lines characters: 76 mm, 5x7		3 lines characters: 114 mm, 8x10		2 lines characters: 178 mm, 7x15		1 line characters: 365 mm 7x32	
AlphaEclipse 2500 96 x 32	1 245 x 508 x 203	41	Max.read.dist. 25 m	19 characters/line	Max.read.dist. 40 m	16 characters/line	Max.read.dist. 60 m	10 characters/line	Max.read.dist. 90 m	10 characters/line	Max.read.dist. 180 m	10 characters/line
AlphaEclipse 2500 128 x 32	1 626 x 508 x 203	50		25		21		14		14		14
AlphaEclipse 2500 160 x 32	1 981 x 508 x 203	59		32		26		17		17		17
AlphaEclipse 2500 192 x 32	2 337 x 508 x 203	68		38		32		21		21		21

	Case Dimension (mm) (L x H x D)	Weight (kg)	8 lines characters: 57 mm, 4x5		6 lines characters: 76 mm, 5x7		4 lines characters: 114 mm, 8x10		3 lines characters: 178 mm, 7x15		2 lines characters: 229 mm 8x20	
AlphaEclipse 2500 96 x 48	1 245 x 699 x 203	47	Max.read.dist. 25 m	19 characters/line	Max.read.dist. 30 m	16 characters/line	Max.read.dist. 60 m	10 characters/line	Max.read.dist. 90 m	10 characters/line	Max.read.dist. 110 m	10 characters/line
AlphaEclipse 2500 128 x 48	1 626 x 699 x 203	56		25		21		14		14		14
AlphaEclipse 2500 160 x 48	1 981 x 699 x 203	66		32		26		17		17		17
AlphaEclipse 2500 192 x 48	2 337 x 699 x 203	75		38		32		21		21		21

	Case Dimension (mm) (L x H x D)	Weight (kg)	10 lines characters: 57 mm, 4x5		8 lines characters: 76 mm, 5x7		5 lines characters: 114 mm, 8x10		4 lines characters: 178 mm, 7x15		3 lines characters: 229 mm 8x20	
AlphaEclipse 2500 96 x 64	1 245 x 876 x 203	68	Max.read.dist. 25 m	19 characters/line	Max.read.dist. 40 m	16 characters/line	Max.read.dist. 60 m	10 characters/line	Max.read.dist. 90 m	10 characters/line	Max.read.dist. 110 m	10 characters/line
AlphaEclipse 2500 128 x 64	1 626 x 876 x 203	77		25		21		14		14		14
AlphaEclipse 2500 160 x 64	1 981 x 876 x 203	86		32		26		17		17		17
AlphaEclipse 2500 192 x 64	2 337 x 876 x 203	95		38		32		21		21		21

	Case Dimension (mm) (L x H x D)	Weight (kg)	13 lines characters: 57 mm, 4x5		10 lines characters: 76 mm, 5x7		7 lines characters: 114 mm, 8x10		5 lines characters: 178 mm, 7x15	
AlphaEclipse 2500 96 x 80	1 245 x 1 054 x 203	82	Max.read.dist. 25 m	19 characters/line	Max.read.dist. 40 m	16 characters/line	Max.read.dist. 60 m	10 characters/line	Max.read.dist. 90 m	10 characters/line
AlphaEclipse 2500 128 x 80	1 626 x 1 054 x 203	90		25		21		14		14
AlphaEclipse 2500 160 x 80	1 981 x 1 054 x 203	100		32		26		17		17
AlphaEclipse 2500 192 x 80	2 337 x 1 054 x 203	109		38		32		21		21

AlphaEclipse 2500 case depth excluding mounting hook : 132 mm