



598 Patterson Blvd., Pleasant Hill, Ca USA
 Tel: 800-660-4414 Fax: 925-939-9998 E-mail: info@sunriseled.us

Specification for OSS 16mm Series

Issued on: 4-Jan-08

Revised on: 10-Oct-08

1. Specs

Technical Terms		Details
Module	Pixel Composition(LED)	2 Red / 2 Amber
	Pixel Pitch	16mm
	Size	128 x 256mm
	Dot array	8 x 16
	Color	Red / Amber
	Brightness(NIT)	6,500NITs
	Watt.(Max/Ave.)	20 / 10Watt
Controller/Driver	Driver type	Static
	Control Mode	On Board control
	CPU	Samsung S3C44BOX
LED	Grade	Super Intensity
	LED Type	Oval shape (4.0 x 5.0mm)
	Viewing angle	120deg.(Hori.) / 55deg.(Ver.)
	Luminous Intensity	Red:630mcd Amber:400mcd
	Qty/module	256pcs
	Refresh Rate	72Hz
	Power Supplier	110V / 220V
	Accepted Files	Text, Animation, Picture, Video and etc.
	Viewing Distance	10~100m / 32.8~328.1ft
	Operating Temp.	-10°C ~ 70°C / -14°F ~ 158°F
	Operating Humidity	10% ~ 80%
	Water Proofing	Front: IP65 / Backside: IP45
	Operation	Wireless Bluetooth Device
	Casing	Aluminum or Steel Case w/ black satin finish (option 1.2mm)

2. Features:

- 1.Animation & Special effects are available



598 Patterson Blvd., Pleasant Hill, Ca USA
 Tel: 800-660-4414 Fax: 925-939-9998 E-mail: info@sunriseled.us

Specification for OSS 20mm Series

Issued on: 4-Jan-08

Revised on: 10-Oct-08

1. Specs

Technical Terms		Details
Module	Pixel Composition(LED)	2 Red / 2 Amber
	Pixel Pitch	20mm
	Size	256 x 320mm
	Dot array	8 x 16
	Color	Red / Amber
	Brightness(NIT)	6,000NITs
	Watt.(Max/Ave.)	20 / 10Watt
Controller/Driver	Driver type	Static
	Control Mode	On Board control
	CPU	Samsung S3C44BOX
LED	Grade	Super Intensity
	LED Type	Oval shape (4.0 x 5.0mm)
	Viewing angle	120deg.(Hori.) / 55deg.(Ver.)
	Luminous Intensity	Red:630mcd Amber:400mcd
	Qty/module	256pcs
	Refresh Rate	72Hz
	Power Supplier	110V / 220V
	Accepted Files	Text, Animation, Picture, Video and etc.
	Viewing Distance	10~100m / 32.8~328.1ft
	Operating Temp.	-10°C ~ 70°C / -14°F ~ 158°F
	Operating Humidity	10% ~ 80%
	Water Proofing	Front: IP65 / Backside: IP45
	Operation	Wireless Bluetooth Device
Casing	Aluminum or Steel Case w/ black satin finish (option 1.2mm)	

2. Features:

- 1.Animation & Special effects are available



598 Patterson Blvd., Pleasant Hill, Ca USA
 Tel: 800-660-4414 Fax: 925-939-9998 E-mail: info@sunriseled.us

Specification for OSS 25mm Series

Issued on: 4-Jan-08

Revised on: 10-Oct-08

1. Specs

Technical Terms		Details
Module	Pixel Composition(LED)	2 Red / 2 Amber
	Pixel Pitch	25mm
	Size	200 x 200mm
	Dot array	8 x 8
	Color	Red / Amber
	Brightness(NIT)	5,500NITs
	Watt.(Max/Ave.)	20 / 10Watt
Controller/ Driver	Driver type	Static
	Control Mode	On Board control
	CPU	Samsung S3C44BOX
LED	Grade	Super Intensity
	LED Type	Oval shape (4.0 x 5.0mm)
	Viewing angle	120deg.(Hori.) / 55deg.(Ver.)
	Luminous Intensity	Red:630mcd Amber:400mcd
	Qty/module	256pcs
	Refresh Rate	72Hz
	Power Supplier	110V / 220V
	Accepted Files	Text, Animation, Picture, Video and etc.
	Viewing Distance	10~100m / 32.8~328.1ft
	Operating Temp.	-10°C ~ 70°C / -14°F ~ 158°F
	Operating Humidity	10% ~ 80%
	Water Proofing	Front: IP65 / Backside: IP45
	Operation	Wireless Bluetooth Device
	Casing	Aluminum or Steel Case w/ black satin finish (option 1.2mm)

2. Features:

- 1.Animation & Special effects are available