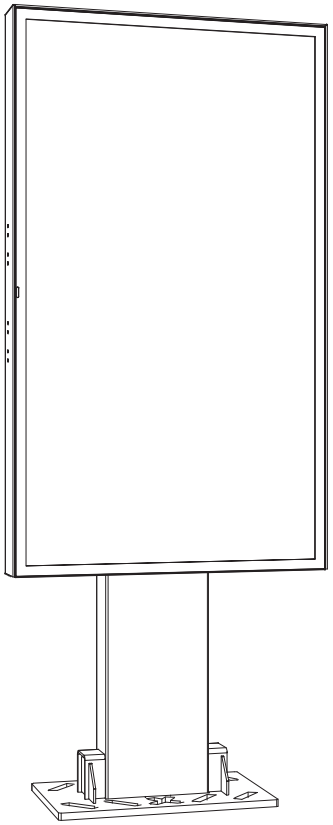
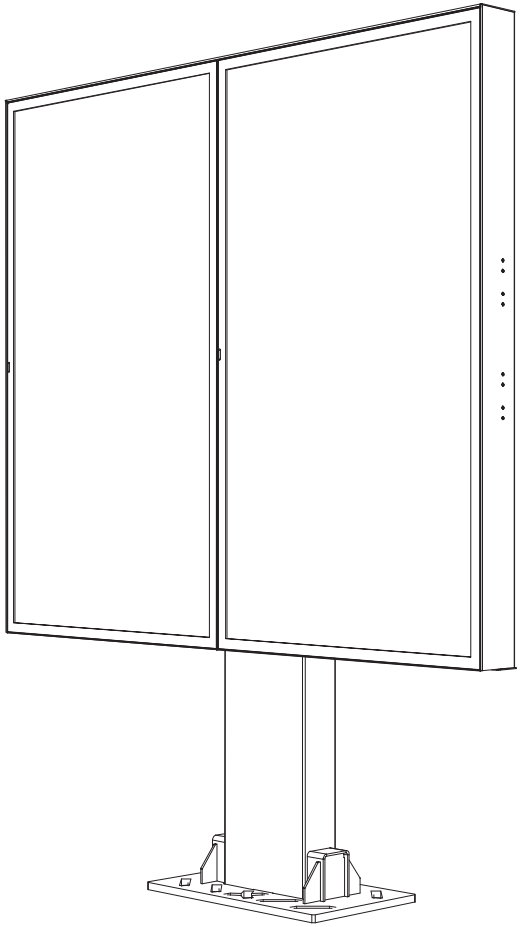




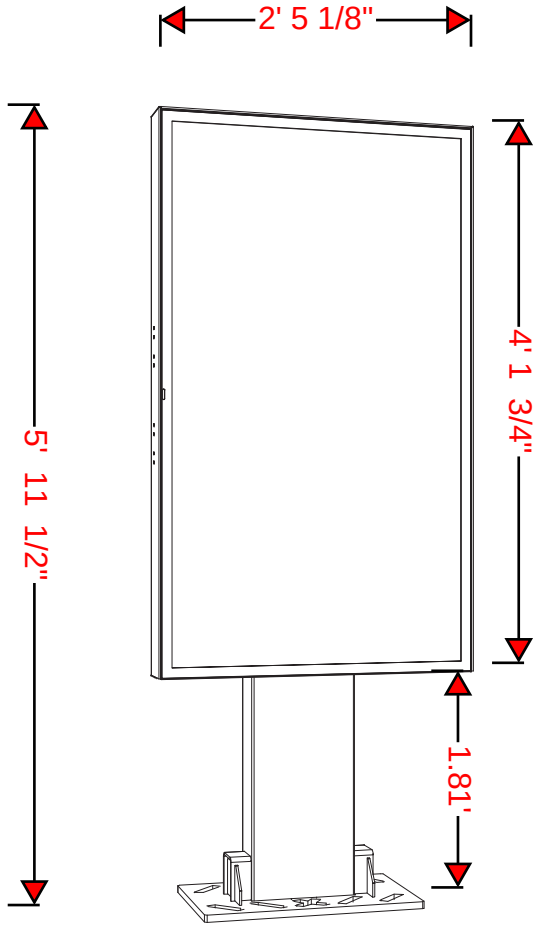
55” Outdoor digital menuboard

02-55-2S/D Outdoor Menu Board

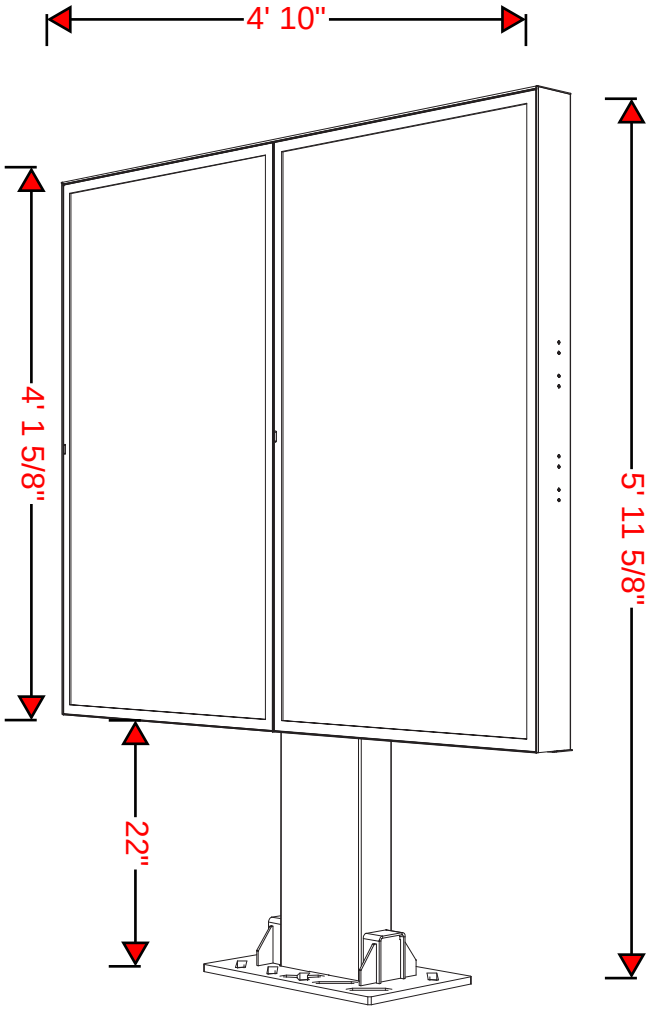
Permitting Unit Information

Version 1.0

single panel menu board 10.06 sq. ft.



double panel menu board 19.79 sq. ft.



55” Outdoor digital menuboard

02-55-2S/D Outdoor Menu Board

Permitting Unit Information

Not site specific drawings.

Version 1.0

Menu Design & Content: Clarity & Flexibility

Our New Menus Are:

- An ordering device to help confirm orders
- Smaller & Streamlined menus, simplified for our Customers
- Static/Limited Motion - can be controlled by Restaurant
- Cleaner visuals, easier to read products, price and items
- Still change throughout the day to support our menus (just like our old print menus)

Our New Menus Are NOT:

- Not an advertising channel or billboard
- Not full video or motion to distract drivers or slow down our drive thru
- Not flashy, bright images or colors (ie. Vegas-style)
- No additional sound or speakers

Menu Board Flexibility (if desired or requested)

- Turn on and off their menus
- Stop movement or motion
- Manually control/pre-set brightness or set automatically to adjust brightness based upon daylight

McDonald's USA Information: Confidential & Proprietary

SAMSUNG

OHF Series Displays

46.0"	OH46F	75.0"	OH75F
55.0"	OH55F	85.0"	OH85F

Any message, any weather, any environment.

OHF Series Outdoor Signage

Even on the brightest, hottest days of summer and the rainiest, snowiest days of winter, your message will come through clear and bright. The Samsung OHF Series outdoor signage solution is a completely integrated, self-contained ultra-slim display with an embedded power box, housed in an impact-resistant enclosure and thermally protected by a patent-pending steady cooling system. With technologies and design features that deliver reliable 24/7 performance, they're ideal for impactful information delivery. No matter where you want to deliver it.

Key Features

A Complete, All-in-One Outdoor Signage Solution

The OHF Series features an ultra-slim 85mm Samsung panel with embedded power box housed in a thin, durable and impact-resistant enclosure that's built to withstand harsh weather and vandalism. All that's required is a simple metal enclosure or optional stand.

High Visibility and Brightness Make Messages Easy to See

High 2,500-nit brightness, an auto brightness sensor that optimizes brightness, and 5,000:1 contrast ratio (3,000:1 for 85" display) work together to deliver easily seen messages even in direct sunlight. Innovative anti-reflective Magic Glass helps cut glare, and Samsung's circular polarizing technology allows content to be easily viewed even while wearing polarized sunglasses.

Reliable in the Harshest Environments, 24/7

Samsung OHF Series displays employ a patent-pending steady cooling system with heat exchanger that allows them to withstand extreme temperatures of -22˚ F to 122˚ F without requiring a supplemental heating or cooling system. They're also IP56-certified, to withstand wind-driven dust, hose-driven water, rain, sleet, snow and corrosion.

Designed for Durability

For greater peace of mind, the OHF Series is built to withstand abuse. The 5mm (0.19") tempered Magic Glass features IK10-certified durability.[1] In addition, a gap between the Magic Glass and the LCD panel is designed to protect the panel from impacts to the Magic Glass.

Easy Content Management

The easy-to-integrate content management platform features an integrated SoC media player, HDBase-T connection, Samsung's cloud-based 4th Generation Smart Signage Platform, and MagicInfo Solutions.

Lower Total Cost of Ownership (TCO)

With an embedded network hub and Wi-Fi functionality, there's no need to purchase a router when linking displays. The filter-less advanced cooling system is easy to manage, and the reliable housing means you don't have to worry about damage from heat, cold or water.

Contact Us: samsung.com/b2bdigitalsignage

Samsung OHF Series Displays

			OH46F	OH55F	OH75F	OH85F
Display	Diagonal Size	Class	46"	55"	75"	85"
		Measured	45.9" / 116.8cm	54.6" / 138.7cm	74.5" / 189.3cm	84.5" / 214cm
	Type		120Hz E-LED BLU	120Hz E-LED BLU	120Hz D-LED Local Dim. BLU	60Hz D-LED Local Dim. BLU
	Resolution		1920 x 1080 (16:9)	1920 x 1080 (16:9)	1920 x 1080 (16:9)	3840 x 2160 (16:9)
	Brightness (Typ.)		2,500 nits	2,500 nits	2,500 nits	2,500 nits
	Contrast Ratio (Typ.)		5000:1	5000:1	5000:1	3000:1
	Viewing Angle (H / V)		178/178	178/178	178/178	178/178
	Response Time (G-to-G)		6ms	6ms	6ms	8ms
	Operation Hour		24/7	24/7	24/7	24/7
Connectivity	Input	RGB	N/A	N/A	N/A	DP1.2 (2) @UHD 60Hz
		VIDEO	HDMI 1.4 (2), HDBaseT (LAN Common)	HDMI 1.4 (2), HDBaseT (LAN Common)	HDMI 1.4 (2), HDBaseT (LAN Common)	HDMI 1.4 (2) @UHD 30Hz, HDBaseT
		HDCP	HDCP 2.2	HDCP 2.2	HDCP 2.2	HDCP1.4
		USB	USB 2.0 (1)	USB 2.0 (1)	USB 2.0 (1)	USB 2.0 (1) (Only for FW Update)
	Output	AUDIO	Stereo Mini Jack	Stereo Mini Jack	Stereo Mini Jack	Stereo Mini Jack
	External Control		RS232C (In / Out), RJ45 (In / Out), HDBaseT	RS232C (In / Out), RJ45 (In / Out), HDBaseT	RS232C (In / Out), RJ45 (In / Out), HDBaseT	RS232C (In), RJ45, HDBaseT
Power	Type		Internal	Internal	Internal	Internal
	Power Supply		AC 100 - 240 V~ (+/- 10 %), 50/60 Hz	AC 100 - 240 V~ (+/- 10 %), 50/60 Hz	AC 100 - 240 V~ (+/- 10 %), 50/60 Hz	AC 100 - 240 V (+/- 10 %), 50/60 Hz
	Power Consumption	Max [W / H]	468	554	TBD	1,600
		Typical [W / H]	440	510	TBD	TBD
		Sleep Mode	< 0.5W	< 0.5W	TBD	< 0.5W
		Off Mode	< 0.5W	< 0.5W	TBD	< 0.5W
Dimensions	Set (WxHxD)		42.09" x 24.55" x 3.35"	49.63" x 28.80" x 3.35"	69.93" x 41.50" x 4.72"	78.90" x 46.65" x 4.72"
	Package (WxHxD)		45.51" x 28.07" x 7.87"	53.46" x 33.27" x 9.06"	TBD	85.63" x 54.45" x 19.49"
Weight	Set		89.3 lbs	116.0 lbs	TBD	359.4 lbs
	Package		97.7 lbs	128.1 lbs	TBD	465.2 lbs
Mechanical Spec.	Mounting Hole		39.17" x 19.69" (Basic) 1000 x 400 (VESA Bracket Option)	39.17" x 19.69" (Basic) 1000 x 400 (VESA Bracket Option)	TBD	39.37" x 44.03" (M8 x 8 Hole)
	Protection Glass		Yes (5T Tempered Glass)	Yes (5T Tempered Glass)	Yes (5T Tempered Glass)	Yes (5T Tempered Glass)
	Bezel Width (mm)		24.9 / 24.9 / 24.9 / 24.9 mm	24.9 / 24.9 / 24.9 / 24.9 mm	59.8 / 59.8 / 59.8 / 59.8 mm	62 / 62 / 62 / 62 mm
Environmental Conditions	Operating Temperature		-30°C ~ 50°C (-22°F - 122°F)	-30°C ~ 50°C (-22°F - 122°F)	-30°C ~ 50°C (-22°F - 122°F)	-30°C ~ 50°C (-22°F - 122°F)
	Operating Humidity		10 ~ 80%	10 ~ 80%	10 ~ 80%	10 ~ 80%
	IP Certificate		IP56	IP56	IP56	IP56
Features	Special		IP56 Certified for Simple Enclosure Outdoor, Protection Glass (IK-10 Level, Anti Graffiti, Infrared Reduce), Polarized Sun Glasses Viewable in any direction, HD Base T for Long Distance Installing, Portrait / Landscape Installation Support, Lamp Error Detection, Auto Brightness Control with Ambient Brightness Sensor, Temperature Sensor, RJ45 MDC, Auto Source Switching & Recovery, Clock Battery (80 hrs Clock Keeping), Kensington Lock			
	Processor		Cortex-A12 1.3GHz Quad Core CPU , 2.5GB, 3 Channel 96 bit DDR3-933 , 8GB (3.75GB Occupied by O/S, 4.25GB Available), Tizen 2.4 (VDLinux), USB 2.0	Cortex-A12 1.3GHz Quad Core CPU , 2.5GB, 3 Channel 96 bit DDR3-933 , 8GB (3.75GB Occupied by O/S, 4.25GB Available), Tizen 2.4 (VDLinux), USB 2.0	Cortex-A12 1.3GHz Quad Core CPU , 2.5GB, 3 Channel 96 bit DDR3-933 , 8GB (3.75GB Occupied by O/S, 4.25GB Available), Tizen 2.4 (VDLinux), USB 2.0	N/A
Accessories	Included		Quick Setup Guide, Regulatory Guide, Warranty Card, Power Cord, Remote Controller, Batteries		Quick Setup Guide, Regulatory Guide, Warranty Card, Remote Controller, Batteries	

Connectivity

1. RS232C In Out
2. Audio Out
3. USB
4. RJ45 (LAN Out)
5. HDBT (LAN In)
6. HDMI In 1
7. HDMI In 2

Learn More samsung.com/business insights.samsung.com samsung.com/b2bdigitalsignage

Product Support 1-866-SAM4BIZ

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SAMSUNG

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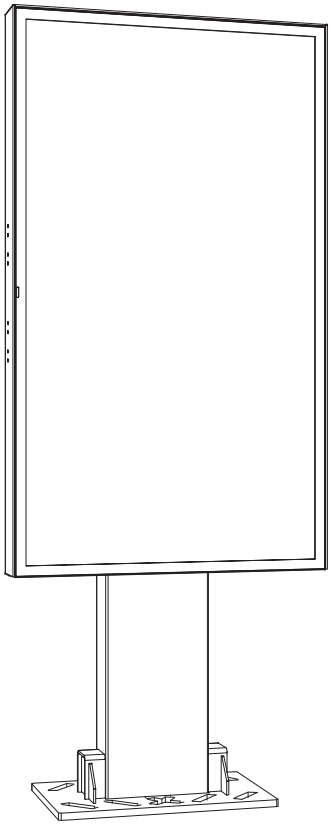
[1]IK rating refers to the degree of resistance against external impacts on a scale of 0 to 10, where 10 indicates the highest level of protection.



STANDARD DRAWINGS FOR PROTO-TYPICAL SINGLE PANEL MENU BOARD.

Single Faced: 5' 11 1/3” Height - 10.06 sq. ft. in size. 4' 1 ¾” x 2' 5 1/8” - 1.81 ` clearance

If site specific drawings are required please request them.

55” Outdoor digital menuboard

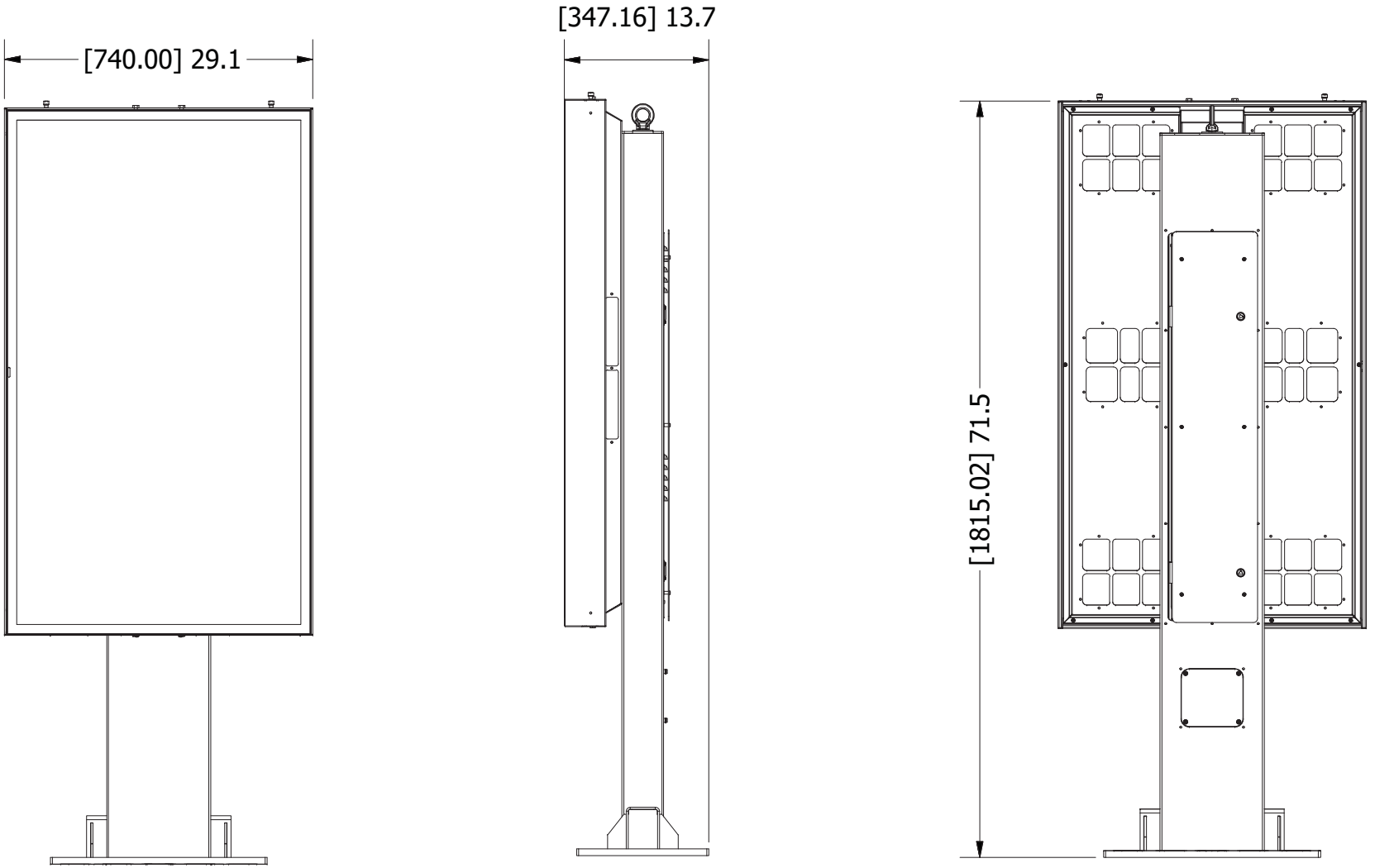
02-55-2S/D Outdoor Menu Board

Permitting Unit Information

Version 1.0

Coates ODMB

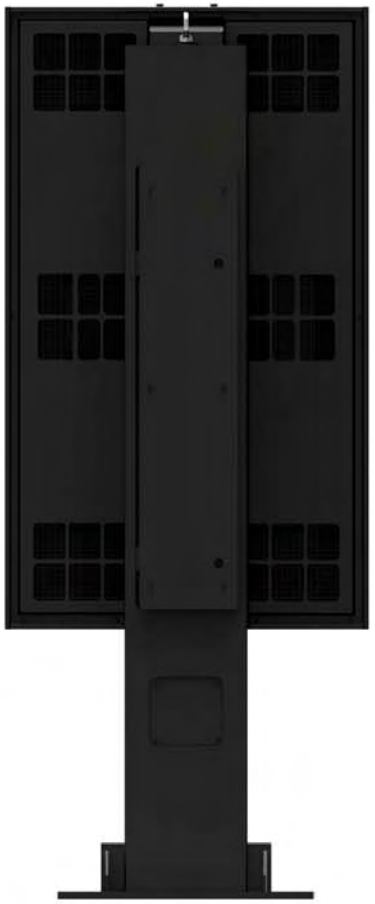
Single screen unit



Coates ODMB

Single screen unit

Area of display

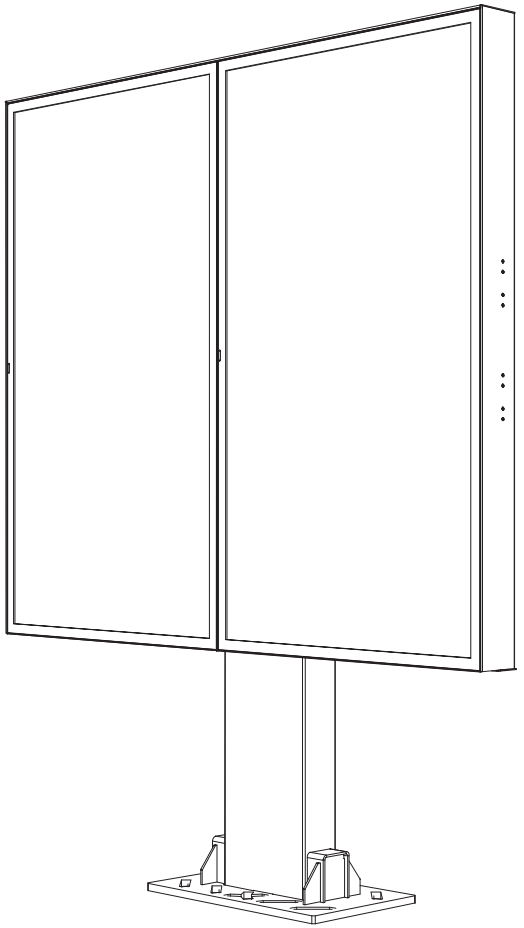


STANDARD DRAWINGS FOR PROTO-TYPICAL
DOUBLE PANEL MENU BOARD.

Double Panel: 5' 11 5/8” Height -
19.79 sq. ft. in size.

4'1 5/8” x 4'10” - 1.83' clearance

If site specific drawings are required please request them.



55” Outdoor digital menuboard

02-55-2S/D Outdoor Menu Board

Permitting Unit Information

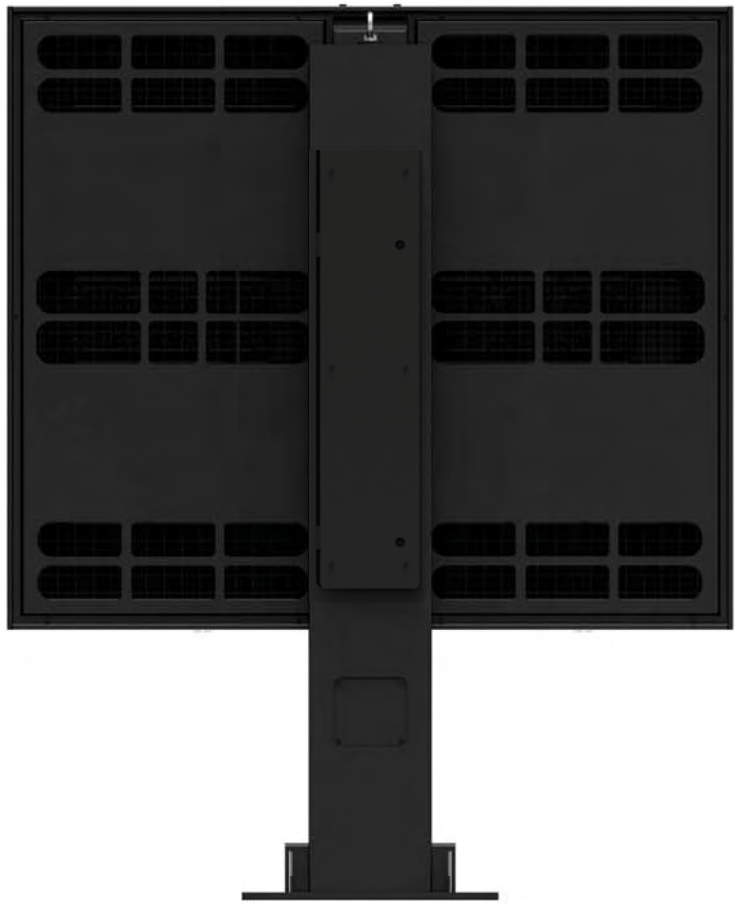
Version 1.0

Coates ODMB

Double screen unit

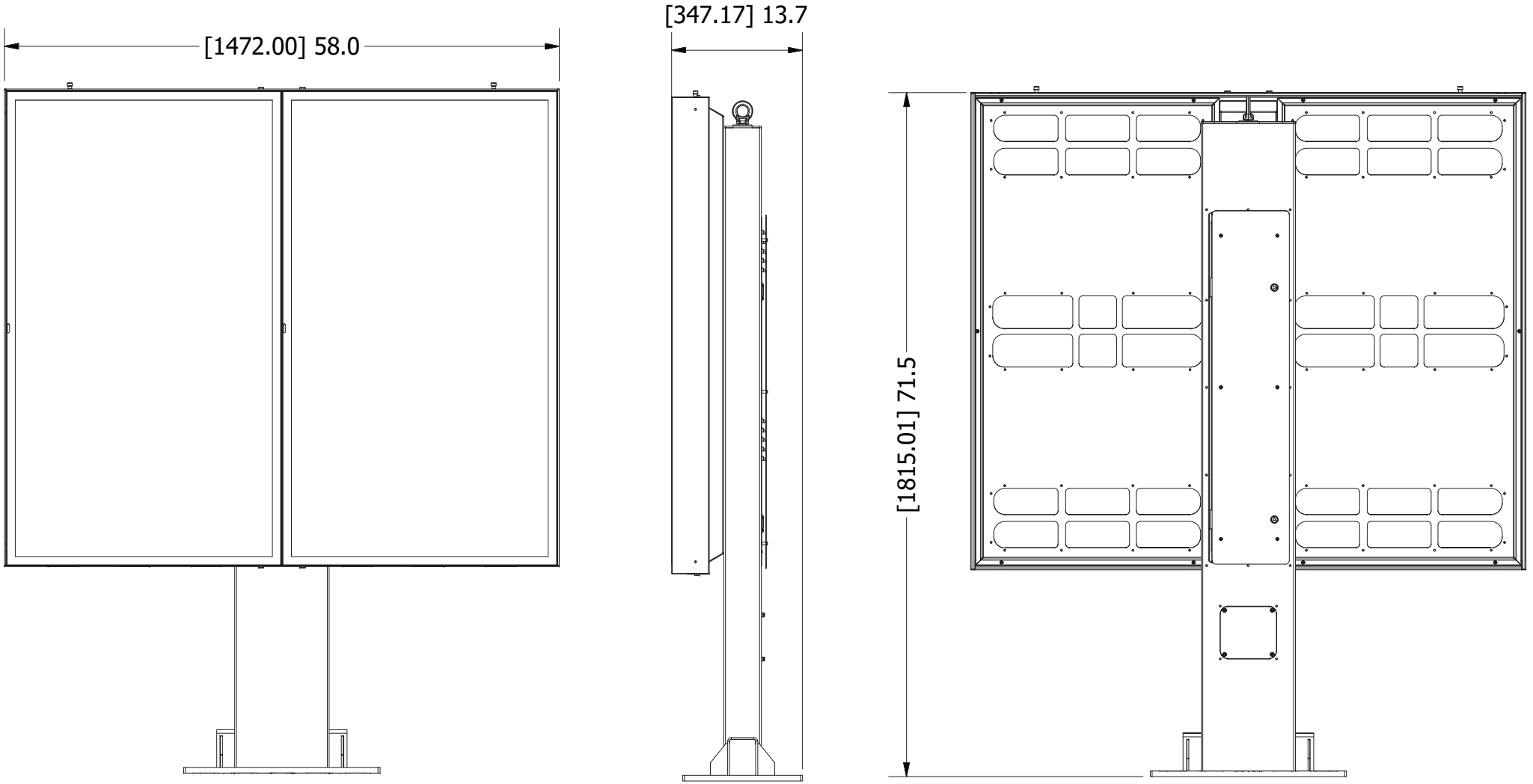
Area of display

Area of display



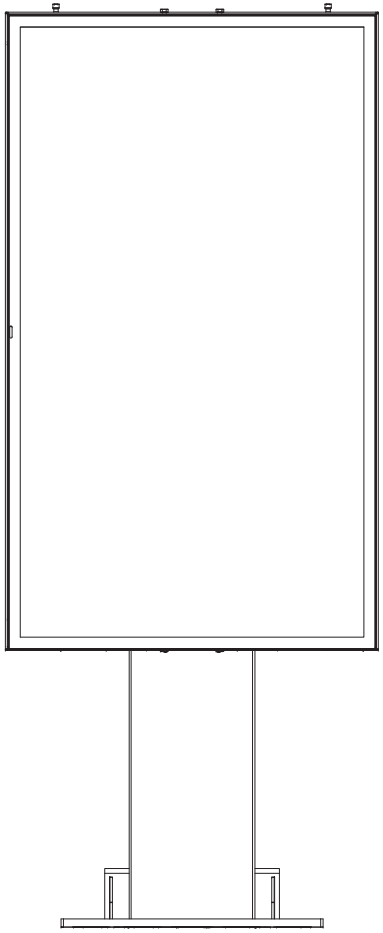
Coates ODMB

Double screen unit

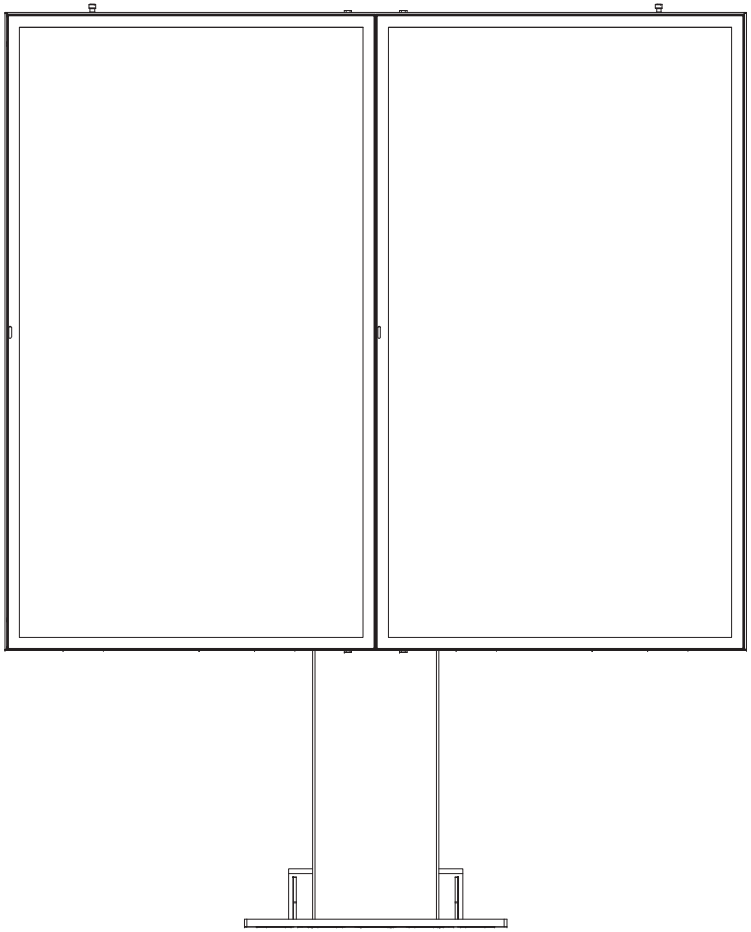


Coates ODMB

Power draw



Max potential draw 5.7A @110V



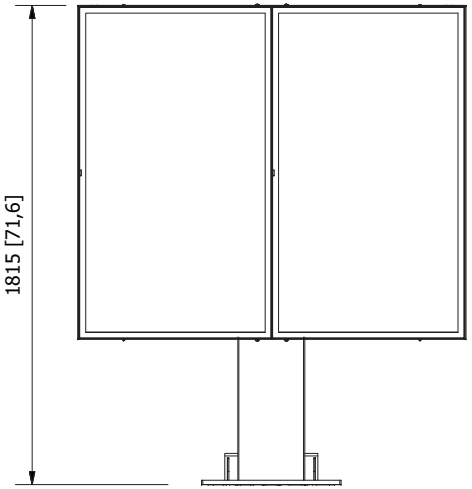
Max potential draw 9.8A @110V

UL48 Electric sign

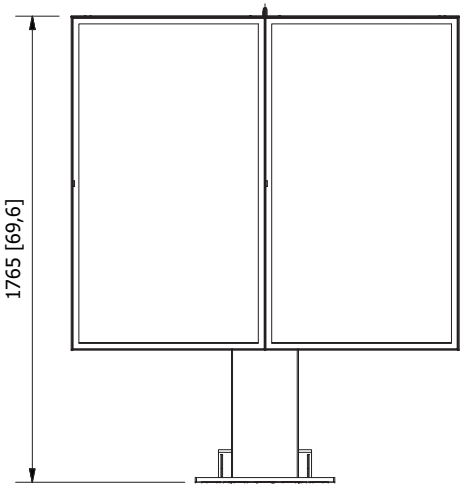
Coates ODMB
Height variations

Existing design has multiple fixture points already built in for brackets and screens allow for lowering in 2 additional increments.

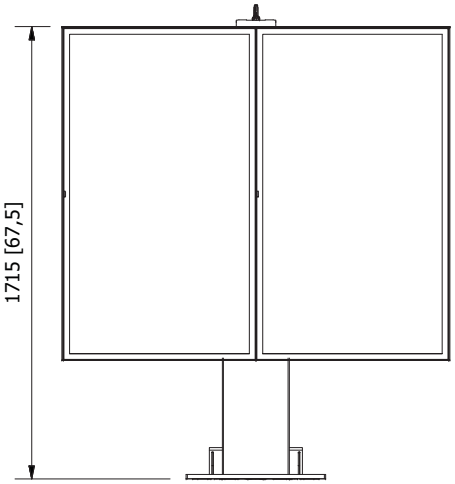
Coates standard height to meet McD screen height requirements



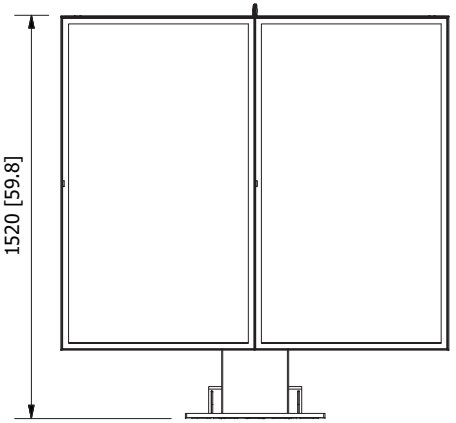
1st alternate fixture points allow 50mm/2” drop



2nd alternate fixture points allow 100mm/4” drop



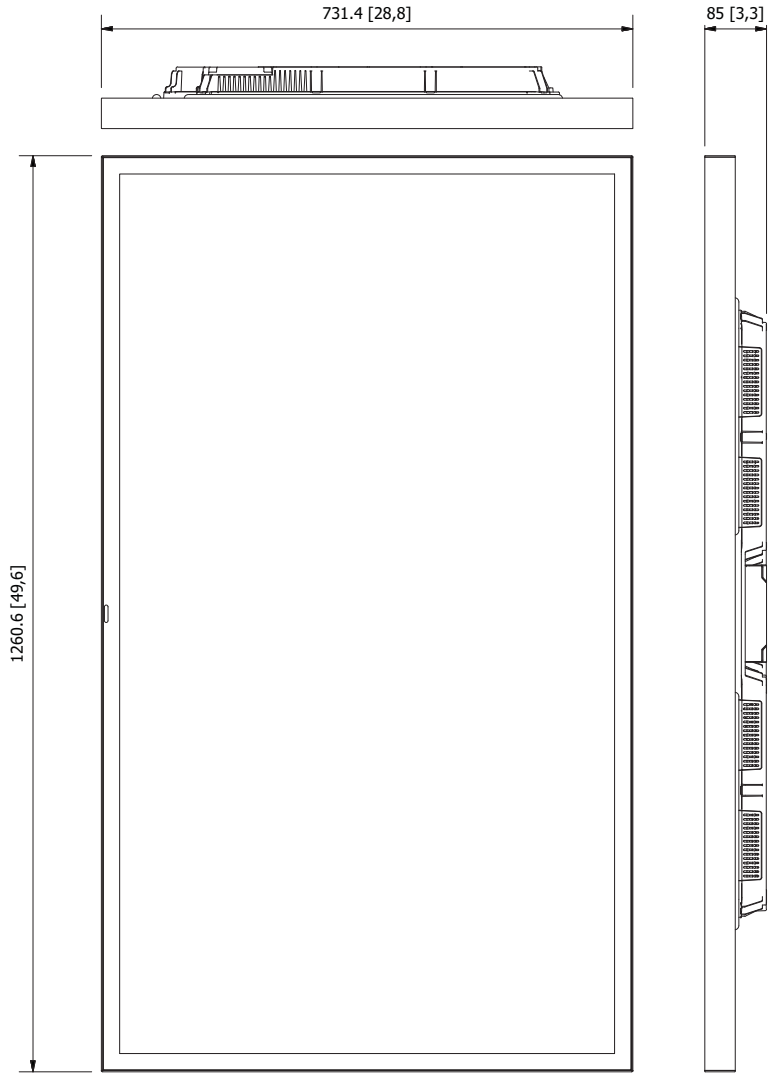
Lower central pole for 10” + drop



Current Unit

New Pole

Display specification



Samsung 55OHF

Diagonal Size	**55"**
Brightness	**2500 NIT**
Weight	**52.6 Kg [118.2 lbs]**
Mechanical Specification	
Glass	**5T Tempered Glass**
Bezel Width	**24.9mm [0.98"]**
Operation Temperature	**-40℃~50 ℃[-40 F ~ 122 F]**
Certification	**UL : CUL60950-1 (GO)**

Display specification
Lumen output

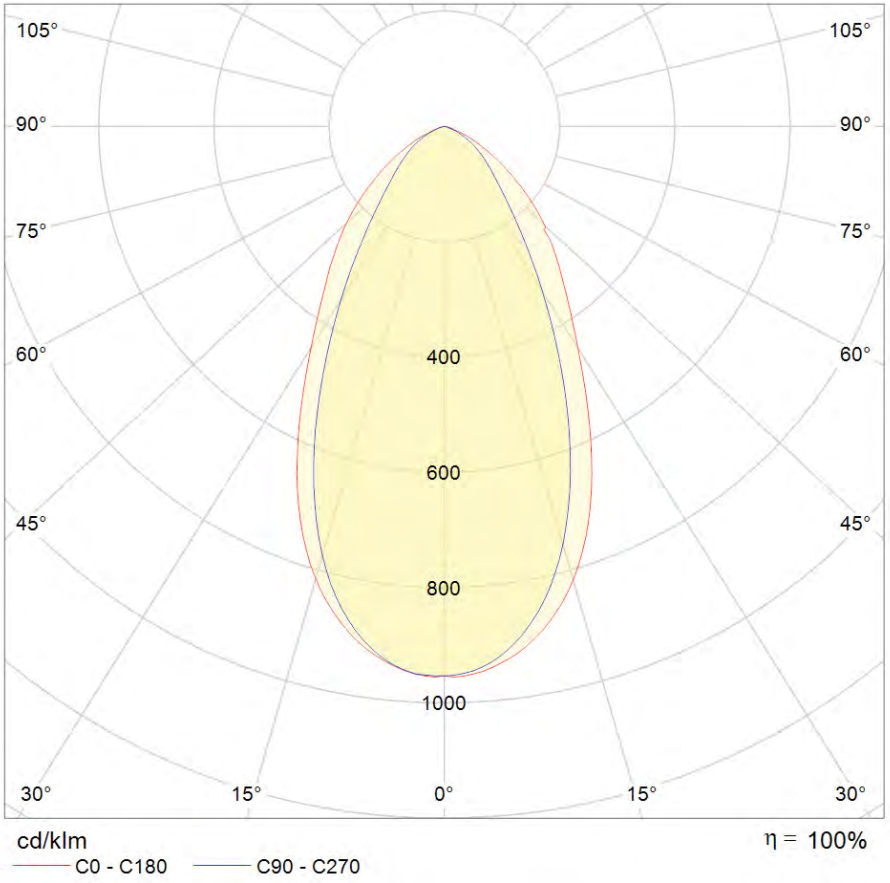


Fig 1.0

The attached is the max potential light output of the screen (see accompanying IES file)

The units have inbuilt ambient light sensors

These light sensors dim the brightness of the screen based on the light surrounding it

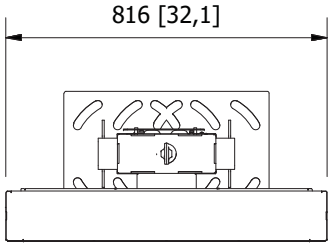
The screens can dim from full brightness 2500nit (Fig1.) all the way down to 500nit to prevent excessive output (glare) in low light and night time environments

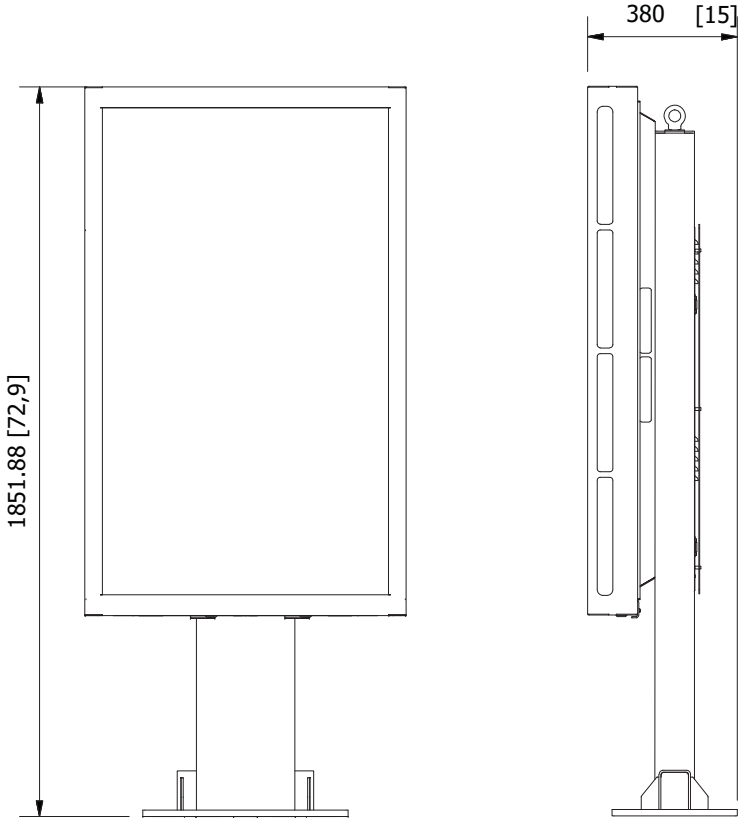
Coates ODMB

Additional security glass

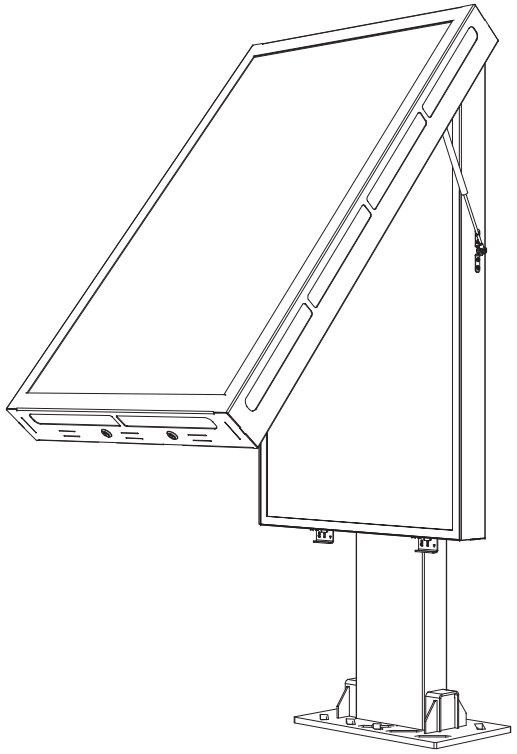
Coates ODMB

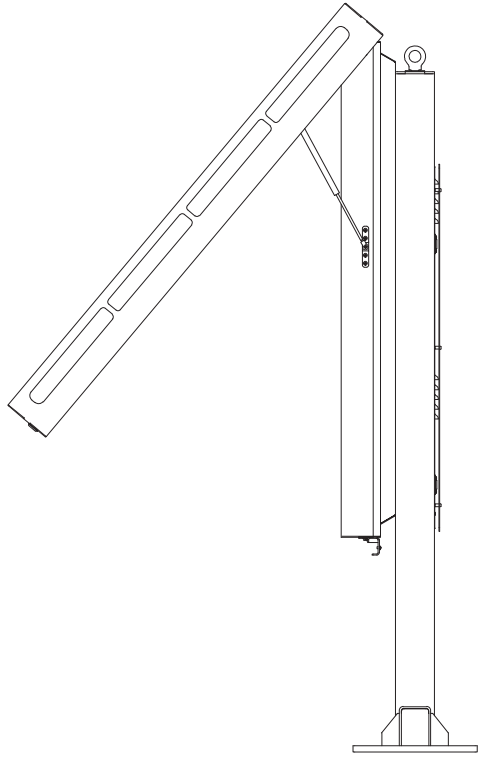
Single with additional security glass





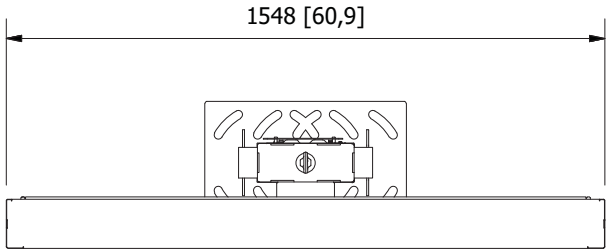
Optional tempered glass security cover
6mm tempered glass

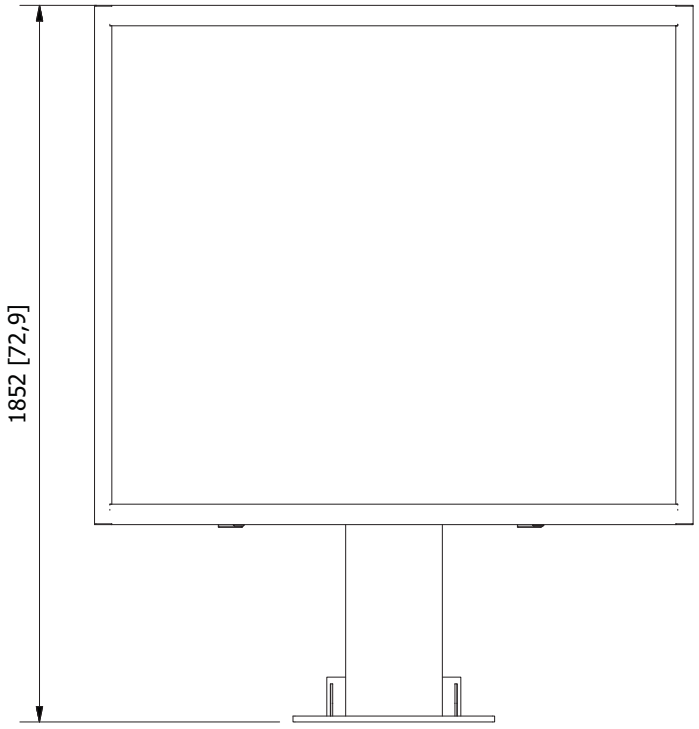


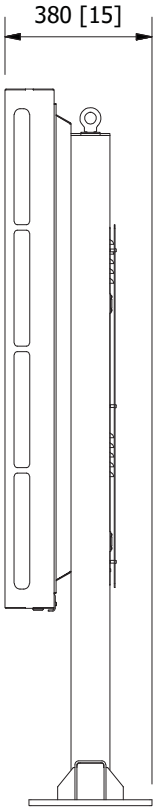


Coates ODMB

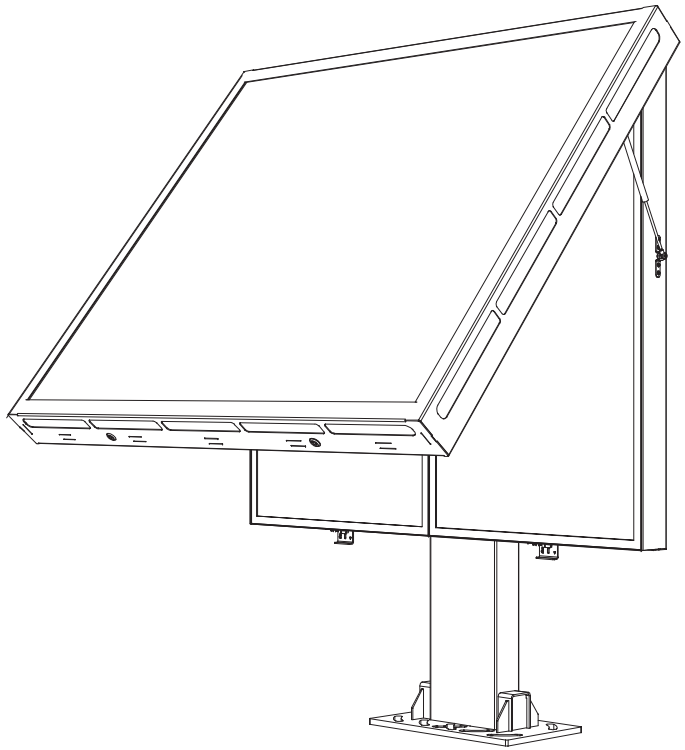
Double with additional security glass

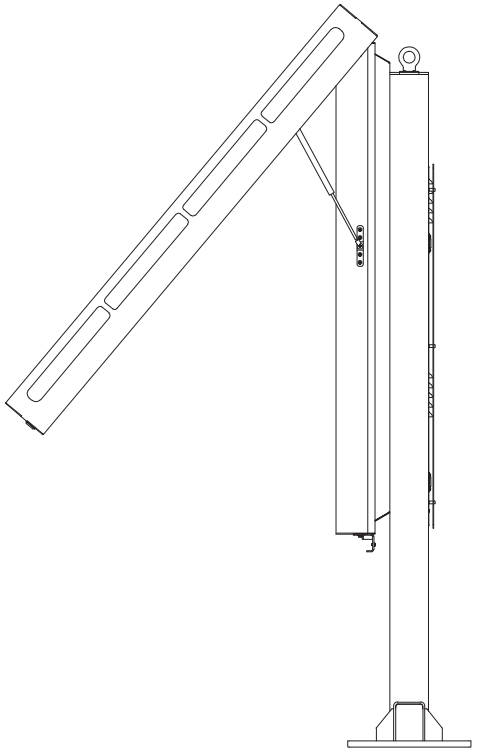






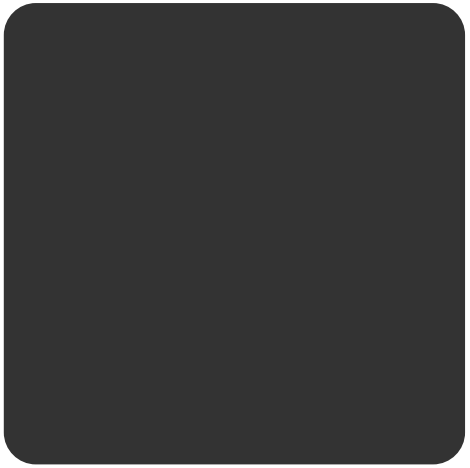
Optional tempered glass security cover
6mm tempered glass





Coates ODMB

Color specification



Unit powder coat color Coates dark grey
Match Pantone: 446C
Gloss specification: 7-12 units @60deg