![Luminoso LED Lighting]

Project		Date
Type		
Model		

EBS Series CCT/WATT Selectable
1x4 / 2x4 / 2x2 Backlit Panel

Our Dual Selectable Backlit Panels are commercial luminaires that utilizes advanced driver technology to provide an all in one luminaire, providing 3 wattages and 3 CCT options in each size panel. This provides superior lighting performance while minimizing inventory by reducing the amount of stocking SKUs. They achieve high uniformity, DLC PREMIUM energy efficiency and reduced glare in typical T-bar grid ceiling applications.

Our state-of-the-art backlit LED technology utilizes PMMA lensing over the LEDs which will not discolor over time. The need for a light guide is eliminated, thus increasing photometric performance while keeping costs competitive. Combined with the rigid back enclosure that prevents warping in application, this luminaire is designed for worry-free longevity and reliability. Available with factory installed battery backup for 90 minutes emergency egress illumination.

SPECIFICATIONS

Construction
• Aluminum frame in white finish, steel die-formed back enclosure

Optics
• PMMA lenses over LEDs, PS diffuser
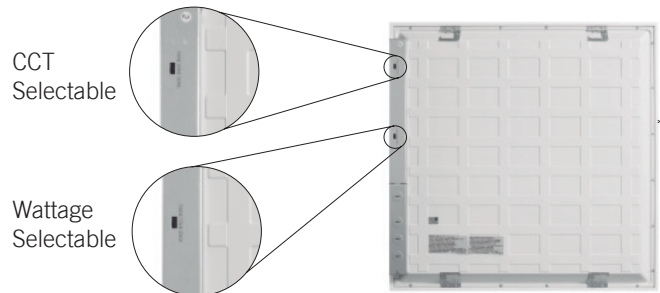• SDCM < 5
• UGR < 22
• 120º Beam angle

Electrical
• 0-10VDC Dimming (10%-100%)

Certifications
• UL Listed for Damp Locations   • DLC PREMIUM
• IC Rated for insulated ceilings   • -4ºF to 95ºF
• RoHS, FCC

Warranty
• 5 Years

CCT Selectable

Wattage Selectable

ORDER INFORMATION
EXAMPLE: EBS22-WT-Y-CT

Series	Wattage	Voltage	CCT	Emergency Battery Backup
EBS22 2x2 Panel **EBS24** 2x4 Panel **EBS14** 1x4 Panel	**WT** Selectable Wattage	**Y** 120-277V	**CT** Color Temperature Selectable (3500K/4000K/5000K)	**(Blank)** w/o Battery Backup **EB** Emergency Battery Backup (90 minutes of illumination when AC power is removed)

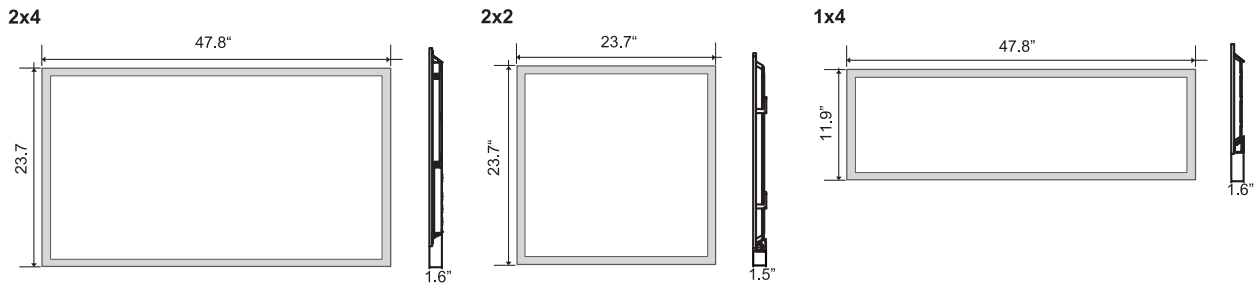Enter configuration: _____

** Special Order

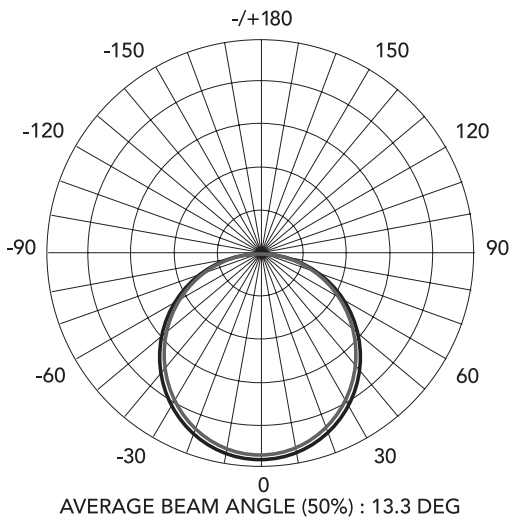## PERFORMANCE DATA

Size	EBS24 (2x4)			EBS22 (2x2)			EBS24 (1x4)		
Wattage	30	40	45	20	30	36	20	30	40
CCT	3500K/4000K/5000K			3500K/4000K/5000K			3500K/4000K/5000K		
Lumens	3750/3825/3825	5000/5100/5100	5625/5738/5738	2500/2550/2550	3750/3825/3825	4500/4590/4590	2500/2550/2550	3750/3825/3825	5000/5100/5100
Efficacy (LPW)	125-127.5			125-127.5			125-127.5		
CRI	80								
Input Voltage	120-277VAC, 0-10VDC Dimming								
Certifications	DLC PREMIUM, UL, Damp Location, FCC, RoHS								
Operating Temp	-20ºC to 35ºC (-4ºF to 95ºF)								
Warranty	5 Years								

DIMENSIONS

2x4

47.8"

23.7

1.6"

2x2

23.7"

23.7"

1.5"

1x4

47.8"

11.9"

1.6"

PHOTOMETRICS

-/+180

-150   150

-120   120
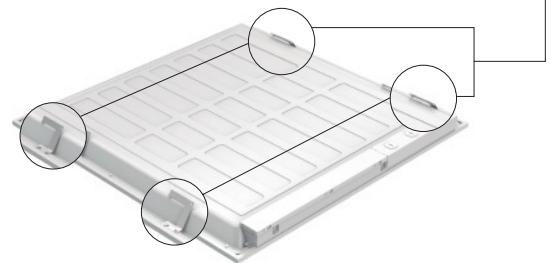
-90   90

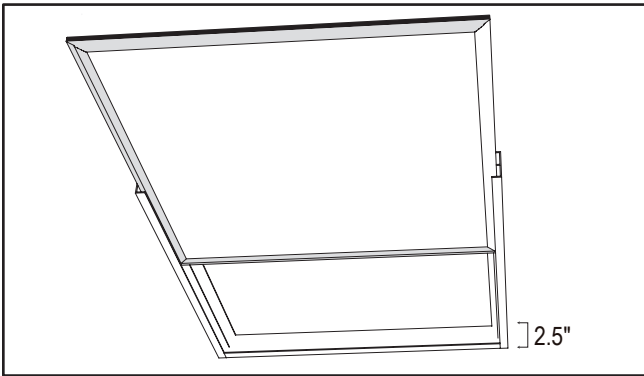-60   60

-30   30

0

AVERAGE BEAM ANGLE (50%) : 13.3 DEG

INSTALLATION

- Recessed in T-bar grid ceiling with integral earthquake clips for secure attachment.
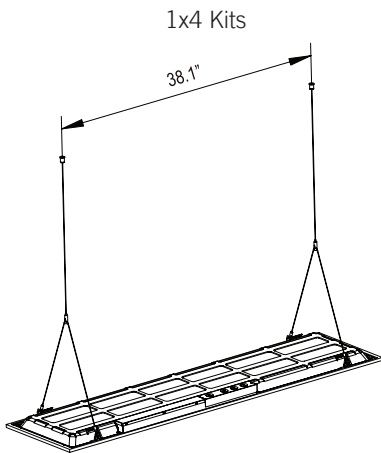- Surface mount and suspension mount cable kit accessoeries available.

≡ᴸ**Luminoso**.

SURFACE MOUNT KITS

2.5"
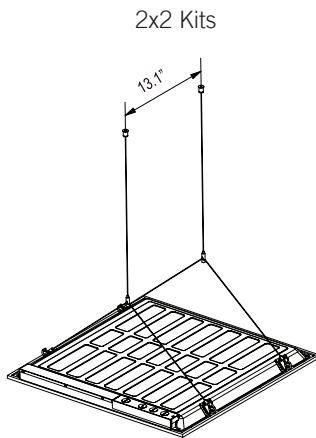
EBS-SM-14-W   1x4 Surface Mount Kit, White
EBS-SM-22-W   2x2 Surface Mount Kit, White
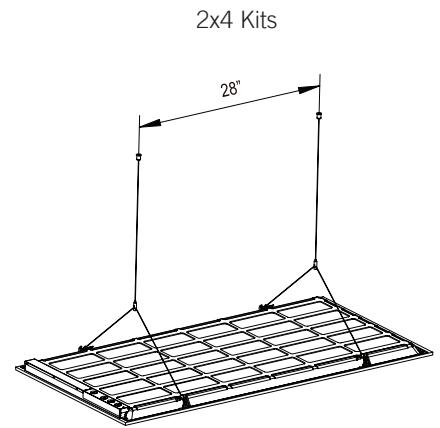EBS-SM-24-W   2x4 Surface Mount Kit, White

SUSPENSION CABLE MOUNT KITS

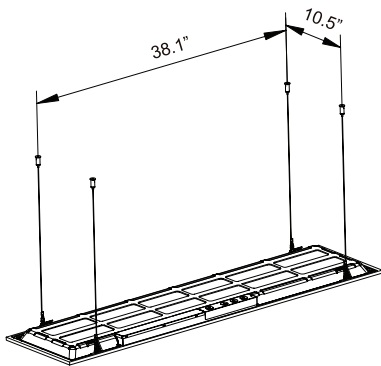(Max. Adjustment Range: 3.9 Feet; Min. Adjustment Range: 0.6 Feet)

1x4 Kits   2x2 Kits   2x4 Kits

38.1"   13.1"   28"

EBS-SCM-12-S   2-Cable Kit   EBS-SCM-12-S   2-Cable Kit   EBS-SCM-12-S   2-Cable Kit

38.1"   10.5"   22.3"   13.1"   28"   22.3"
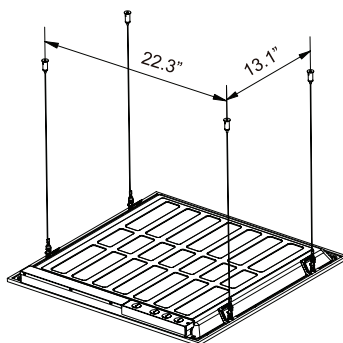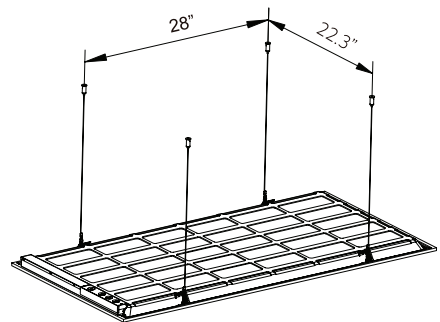
EBS-SCM-14-S   4-Cable Kit   EBS-SCM-14-S   4-Cable Kit   EBS-SCM-14-S   4-Cable Kit