

SPECIFICATIONS – BCD-A.S.T.I.S.



**BRAMAL LED**



Solar Illumination System  
for Transport Containers

BCD-A.S.T.I.S.

**A.S.T.I.S. (Advanced Solar Transport Illumination System)**

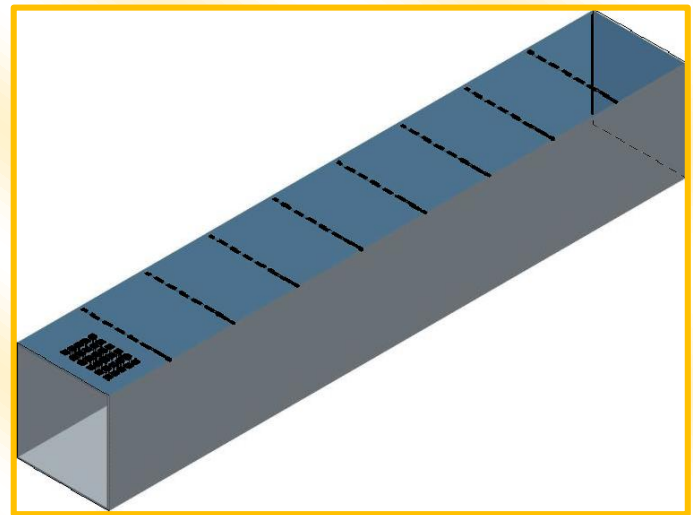
**PRODUCT OVERVIEW**

The need for adequate lighting in the transportation industry is crucial. Visual clarity is required for workers to safely load and unload their cargo. The A.S.T.I.S. presents independent and self-contained modules, creating a smaller footprint while increasing the serviceability level.



**SOLAR SOURCE**

Embedded within the unique clear resin roofing are solar panels which provide all the necessary power for illumination. This creates a robust and IP rated integration.



BCD-A.S.T.I.S.

**CORE SPECIFICATIONS**

STRUCTURE	Independent Module
OPERATING TEMPERATURE	-25°C to 60°C
OPERATING (relative) HUMIDITY	0 to 100%
SOLAR CELL CAPACITY	120Wh Matrix
BATTERY CELL CAPACITY	240Wh
LIGHT OUTPUT	100lux
WARRANTY	3 years



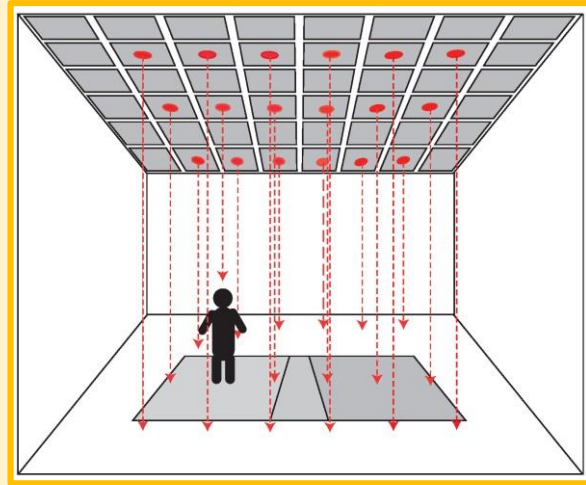
**A.S.T.I.S.**

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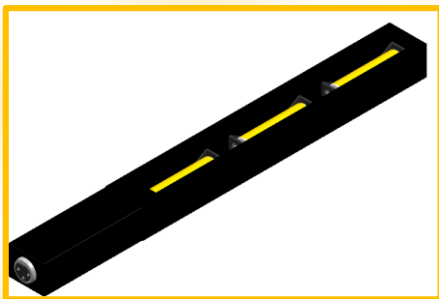
## ILLUMINATION OCC SENSOR

Each module is equipped with an integrated OCC sensor to detect when illumination is required. This prevents the unit from activation when it is not required, thus optimizing and extended its battery life.



## CONTROL MODULE

Independent control modules maintain even illumination, monitors and corrects power consumption and operation levels. It is designed for easy connect/disconnect from power supply/data harness.



## DUAL ZONE ILLUMINATION

A.S.T.I.S. is integrated with dual zone illumination, which is used to maintain even unit light levels that are independent of material load level and position.

