KB RACKING®
Simple solutions you can count on.

AEROGRID®

BALLAST ASSEMBLY GUIDE

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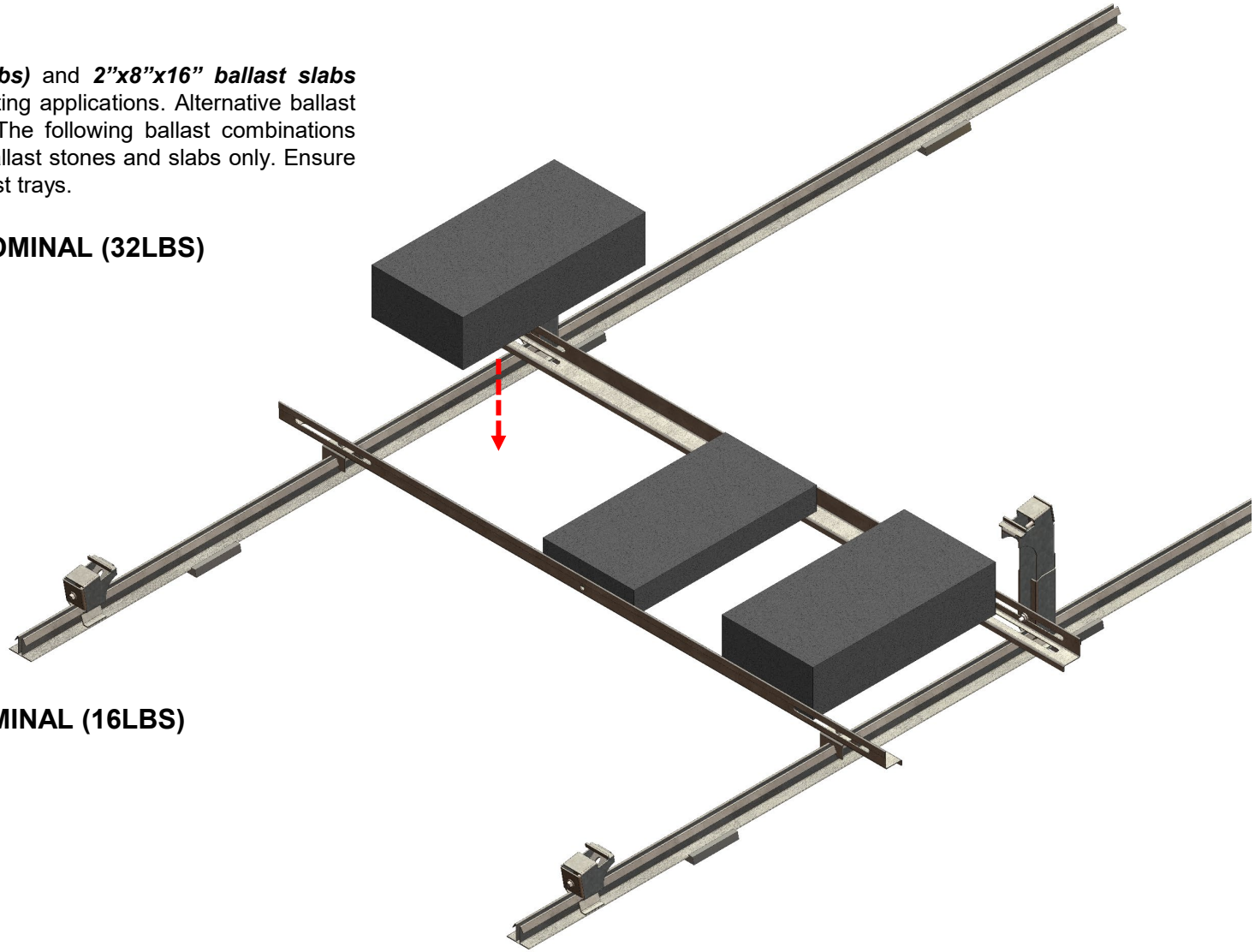
Table of Contents

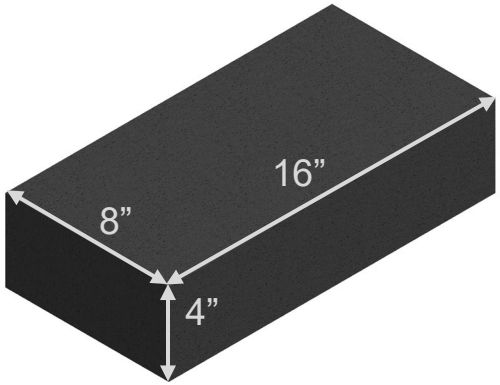
Nominal Ballast Sizes

INSTALLING

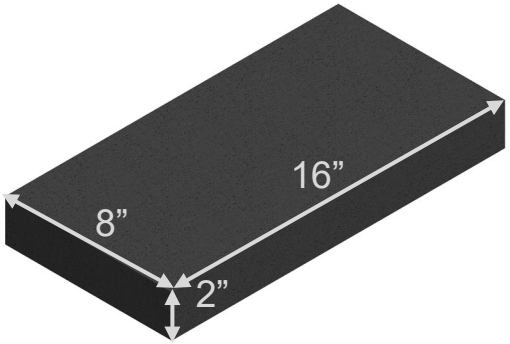
Nominal ***4”x8”x16” ballast stones (32 lbs)*** and ***2”x8”x16” ballast slabs (16lbs)*** are best suited for AeroGrid ballasting applications. Alternative ballast stone sizes may be used upon request. The following ballast combinations used within this guide reference nominal ballast stones and slabs only. Ensure ballasts are evenly distributed on both ballast trays.



BALLAST STONE 4”X8”X16” - NOMINAL (32LBS)

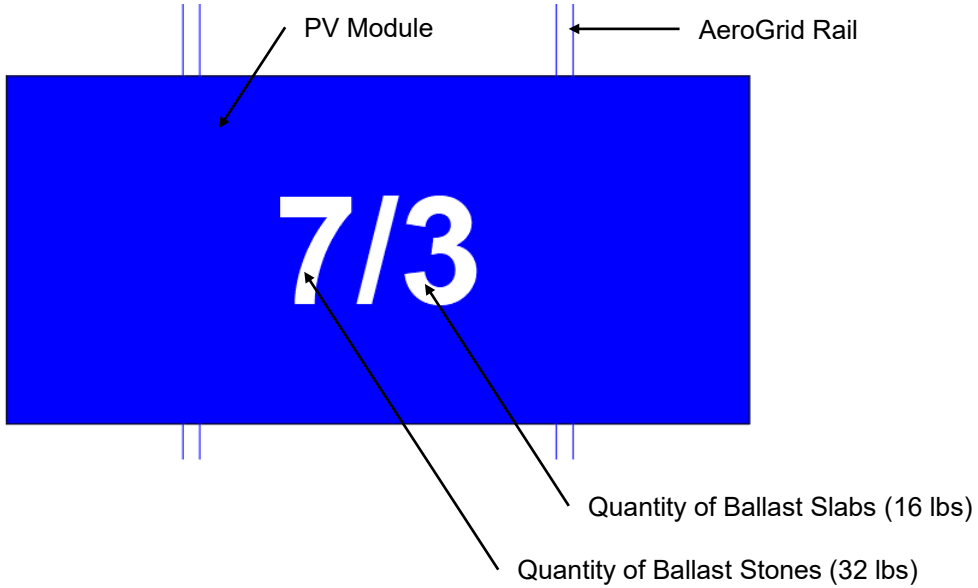


BALLAST SLAB 2”X8”X16” - NOMINAL (16LBS)

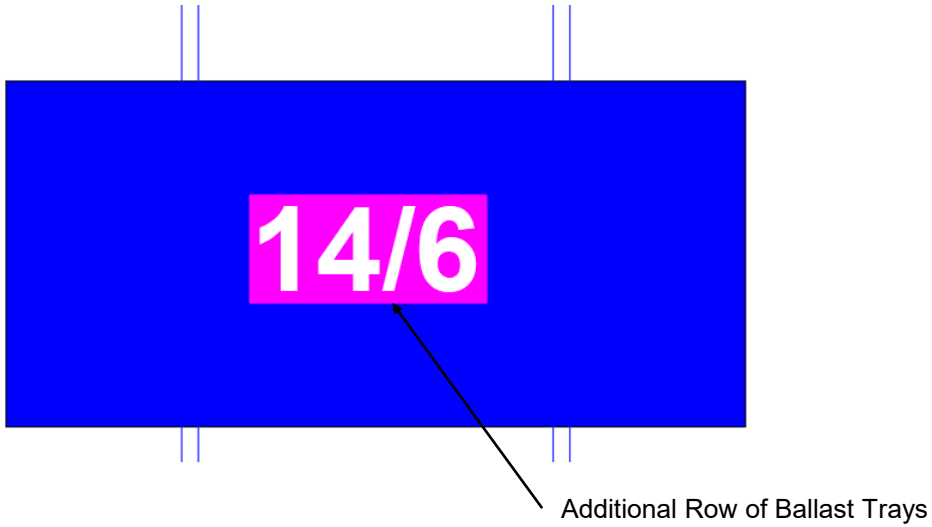


Ballast Layout Legend

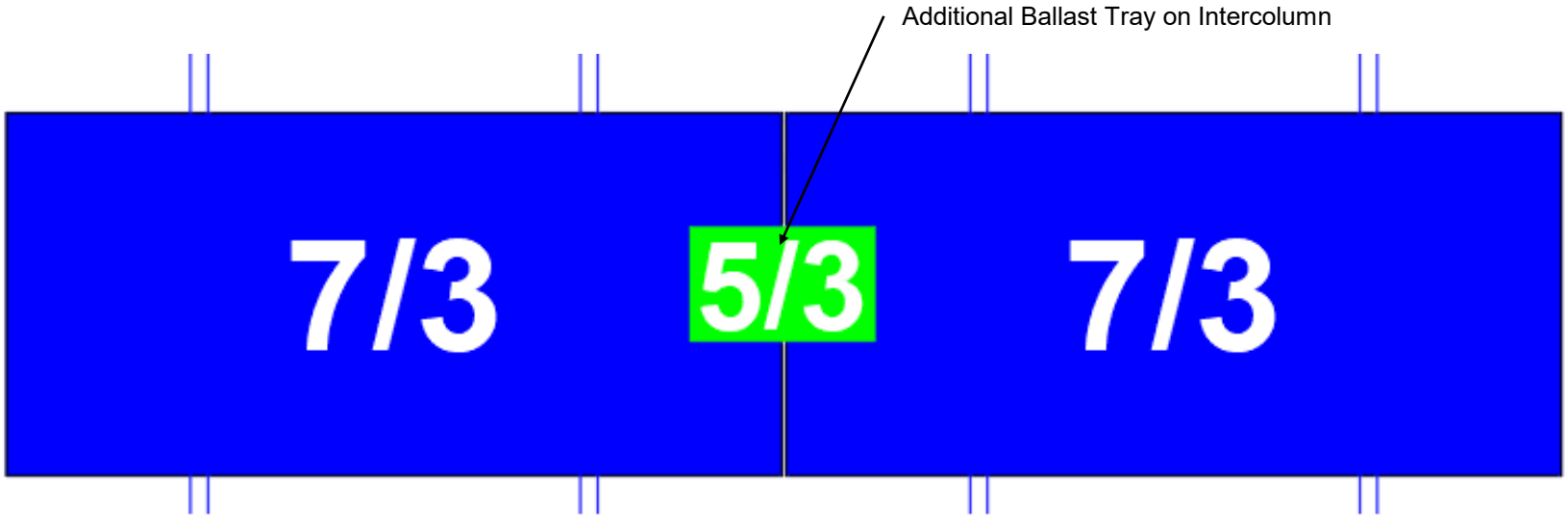
STANDARD BALLAST ASSEMBLY (BLUE)



ADDITIONAL BALLAST ROW ASSEMBLY (PINK)



INTERCOLUMN BALLAST ASSEMBLY (GREEN)

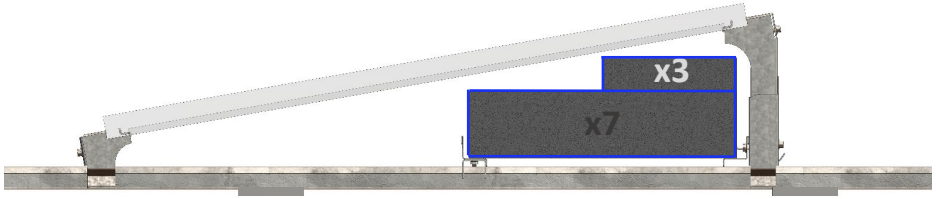


AeroGrid 10 Deg. Standard Ballast Assembly

AEROGRID 10 DEG. STANDARD BALLAST ASSEMBLY

AeroGrid 10 Deg. can fit up to 7 ballast stones (32lbs) and 3 ballast slabs (16lbs). Ballast loadings that exceed ***272 lbs*** require additional ballast trays (refer to page 6). Ballasting is suitable for any module width ***≥ 990mm.***

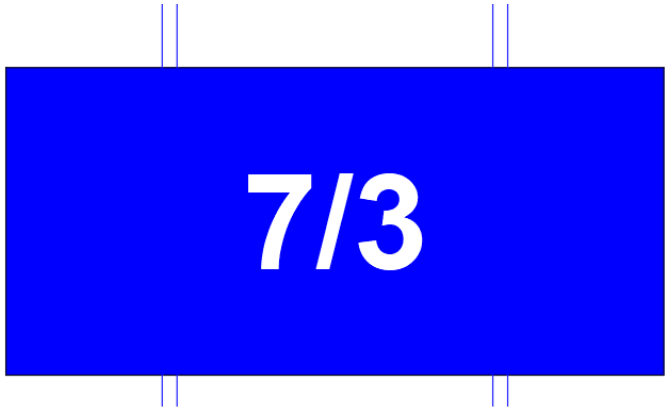
NOTE: Ballast stones and slabs are to be distributed evenly across the ballast tray. Combinations of ballast stones and slabs may be used in **16 lb** intervals.

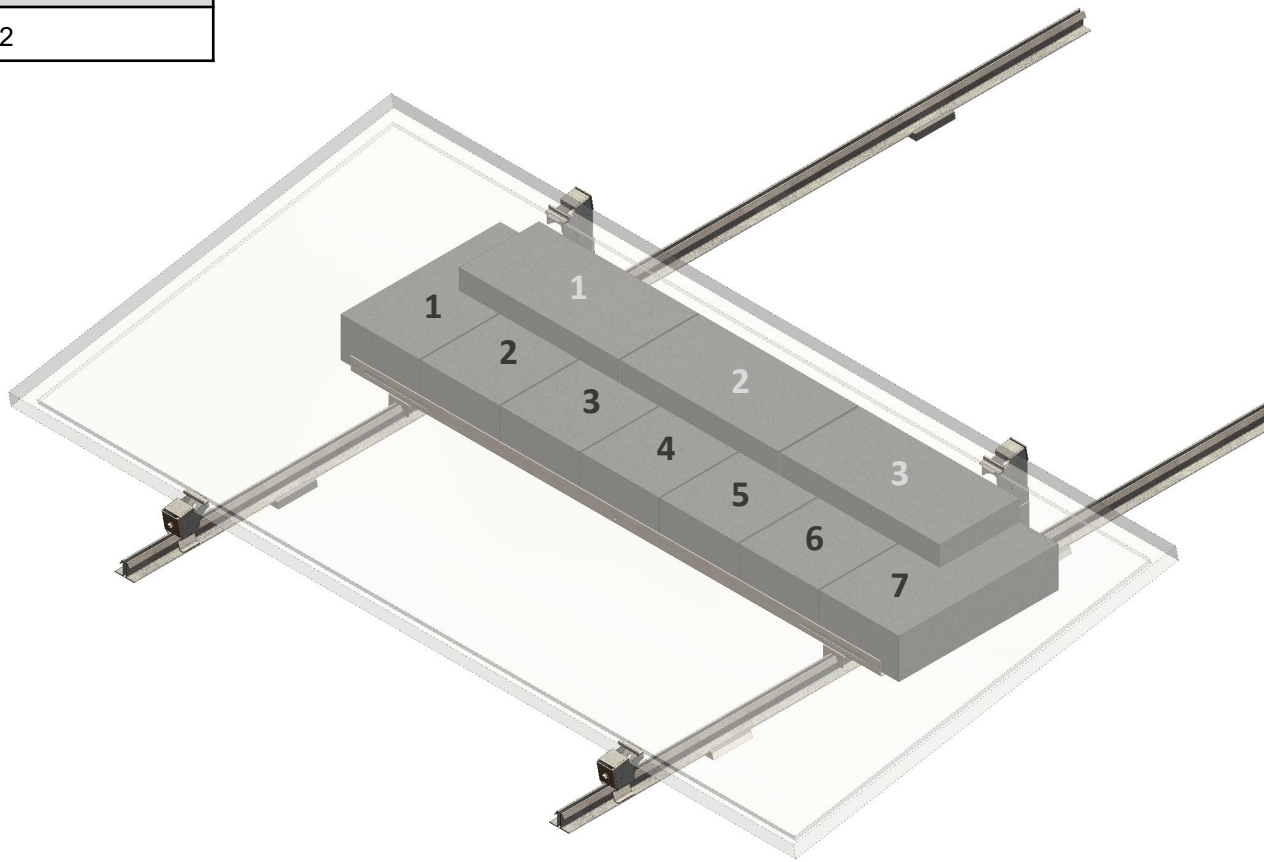


MAX BALLASTING TABLE:

Stones	Slabs	Max Ballast Weight (lbs)
7	3	272

BALLAST LAYOUT:





AeroGrid 10 Deg. Additional Ballast Row Assembly

AEROGRID 10 DEG. ADDITIONAL BALLAST ROW

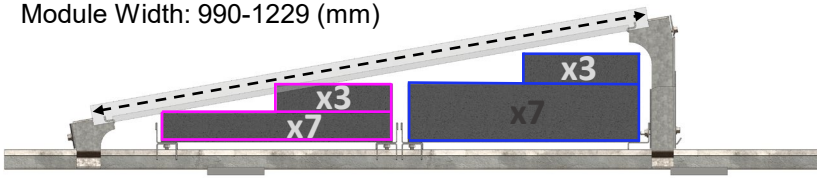
AeroGrid 10 Deg. with an additional ballast tray row can increase the total ballasting weight underneath the module. Refer to the table below for the max ballast weight per panel constraining to the ***module width.***

NOTE: Ballast stones and slabs are to be distributed evenly across the ballast tray. Combinations of ballast stones and slabs may be used in **16 lb** intervals.

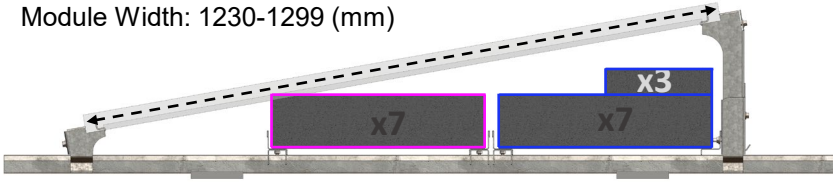
MAX BALLASTING TABLE:

Module Width (mm)	Stones	Slabs	Max Ballast Weight (lbs)
990-1229	7	13	**432**
1230-1299	14	3	**496**
1300+	14	6	**544**

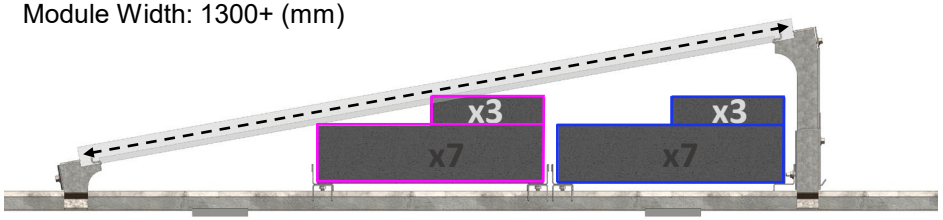
Module Width: 990-1229 (mm)



Module Width: 1230-1299 (mm)

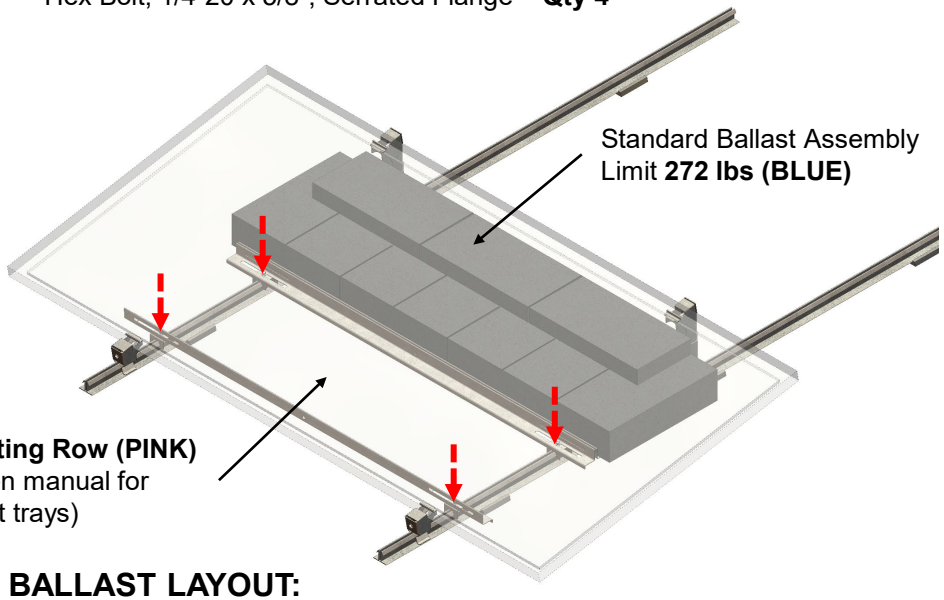


Module Width: 1300+ (mm)

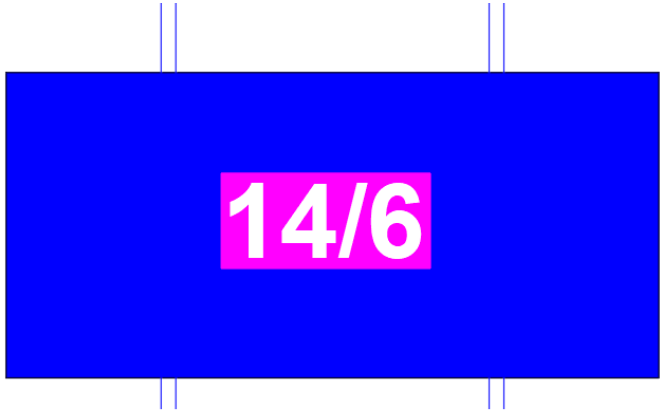


ADDITIONAL COMPONENTS:

- AeroGrid Ballast Tray – **Qty 2**
- AeroGrid Accessory Bracket – **Qty 2**
- Hex Bolt, 1/4-20 x 5/8", Serrated Flange – **Qty 4**



BALLAST LAYOUT:



AeroGrid 10 Deg. Intercolumn Ballast Assembly

AEROGRID 10 DEG. INTERCOLUMN

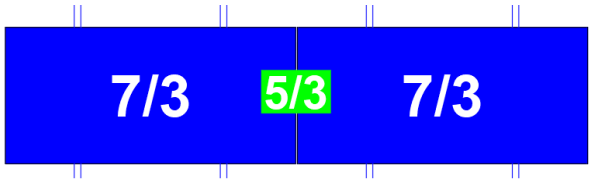
AeroGrid 10 Deg. can fit up to 5 ballast stones (32lbs) and 3 ballast slabs (16lbs) in the Intercolumn Spacing. Ballasts along the intercolumn are shared equally between two adjacent modules. Refer to the table below for the max ballast weight per panel constraining to the ***module length.***

NOTE: Ballast stones and slabs are to be distributed evenly across the ballast tray. Combinations of ballast stones and slabs may be used in **16 lb** intervals.

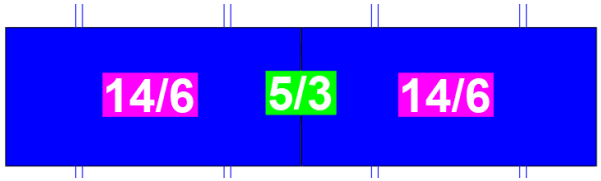
MAX BALLASTING TABLE:

Module Length (mm)	Stones	Slabs	Max Ballast Weight (lbs)
1614-1816	1	1	**48**
1817-2019	2	2	**96**
2020-2222	3	2	**128**
2223-2425	4	3	**176**
2426+	5	3	**208**

BALLAST LAYOUT:

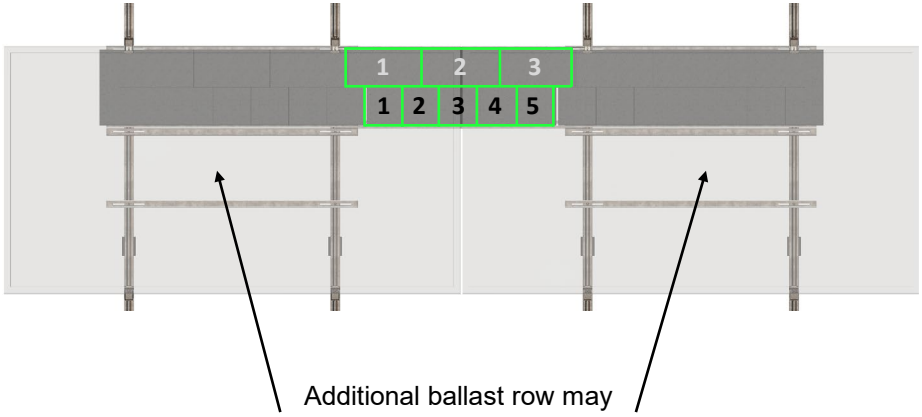


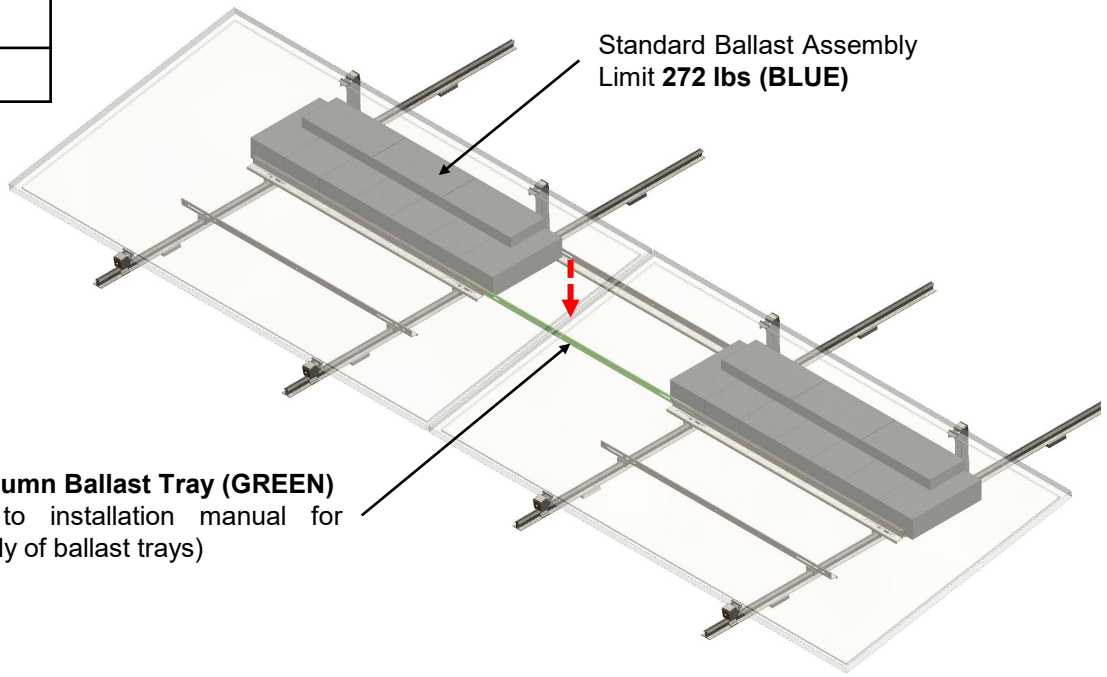
BALLAST LAYOUT WITH ADDITIONAL BALLAST ROW:



ADDITIONAL COMPONENTS:

- AeroGrid Accessory Bracket **– Qty 1**



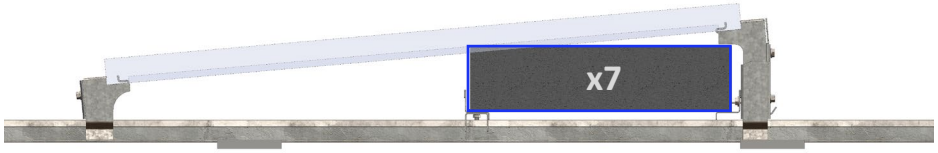


AeroGrid 5 Deg. Standard Ballast Assembly

AEROGRID 5 DEG. STANDARD BALLAST ASSEMBLY

AeroGrid 5 Deg can fit up to 7 ballast stones (32lbs). Ballast loadings that exceed ***224 lbs*** require additional ballast trays (refer to page 9). Ballasting suitable for any module width **≥ *990mm***.

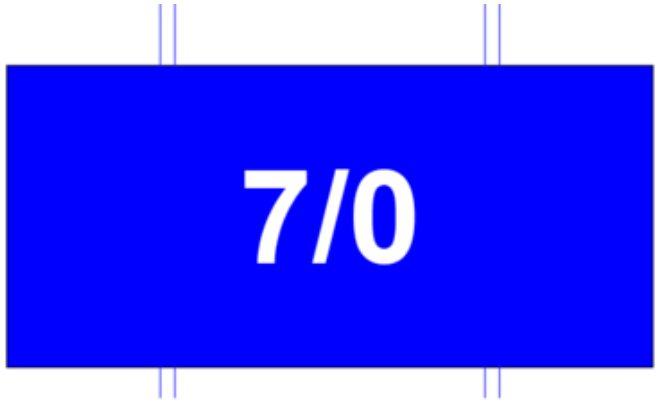
NOTE: Ballast stones and slabs are to be distributed evenly across the ballast tray. Combinations of ballast stones and slabs may be used in **16 lb** intervals.

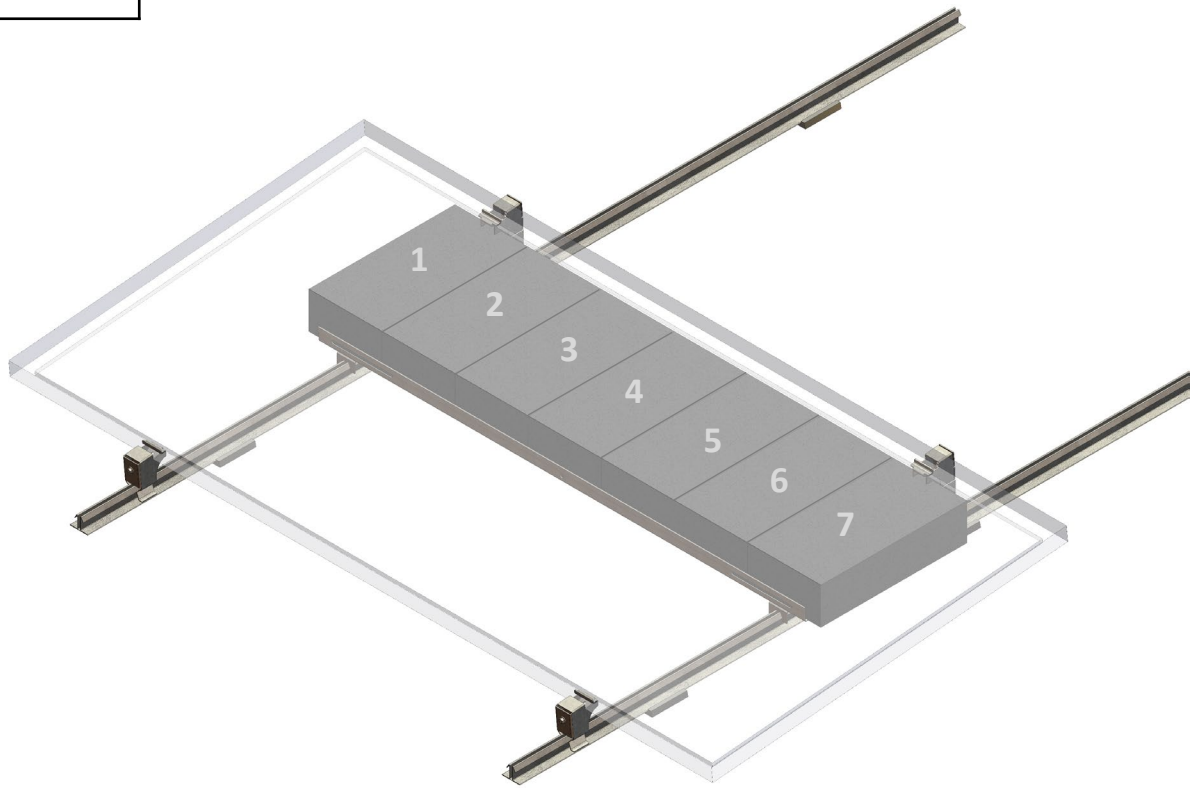


MAX BALLASTING TABLE:

Stones	Slabs	Max Ballast Weight (lbs)
7	0	224

BALLAST LAYOUT:





AeroGrid 5 Deg. Additional Ballast Row Assembly

AEROGRID 5 DEG. ADDITIONAL BALLAST ROW

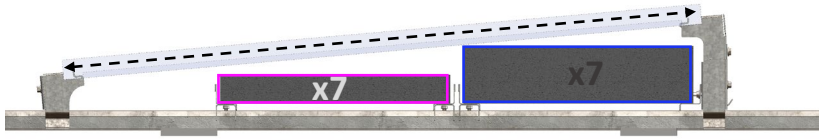
AeroGrid 5 Deg. with an additional ballast tray row can increase the total ballasting weight underneath the module. Refer to the table below for the max ballast weight per panel constraining to the ***module width***.

NOTE: Ballast stones and slabs are to be distributed evenly across the ballast tray. Combinations of ballast stones and slabs may be used in **16 lb** intervals.

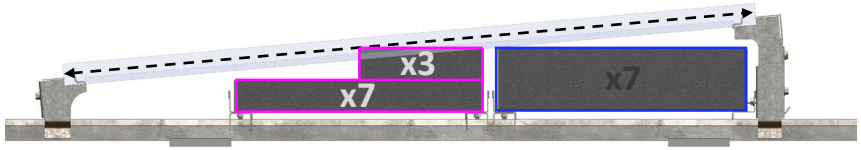
MAX BALLASTING TABLE:

Module Width (mm)	Stones	Slabs	Max Ballast Weight (lbs)
990-1132	7	7	**336**
1133-1299	7	10	**384**
1300+	14	0	**448**

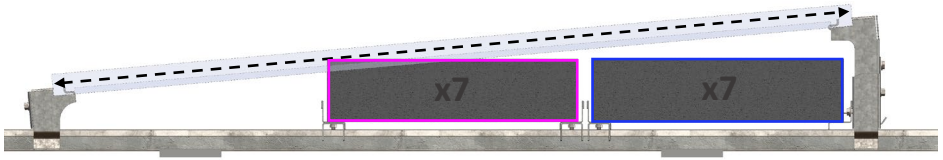
Module Width: 990-1132 (mm)



Module Width: 1133-1299 (mm)



Module Width: 1300+ (mm)



ADDITIONAL COMPONENTS:

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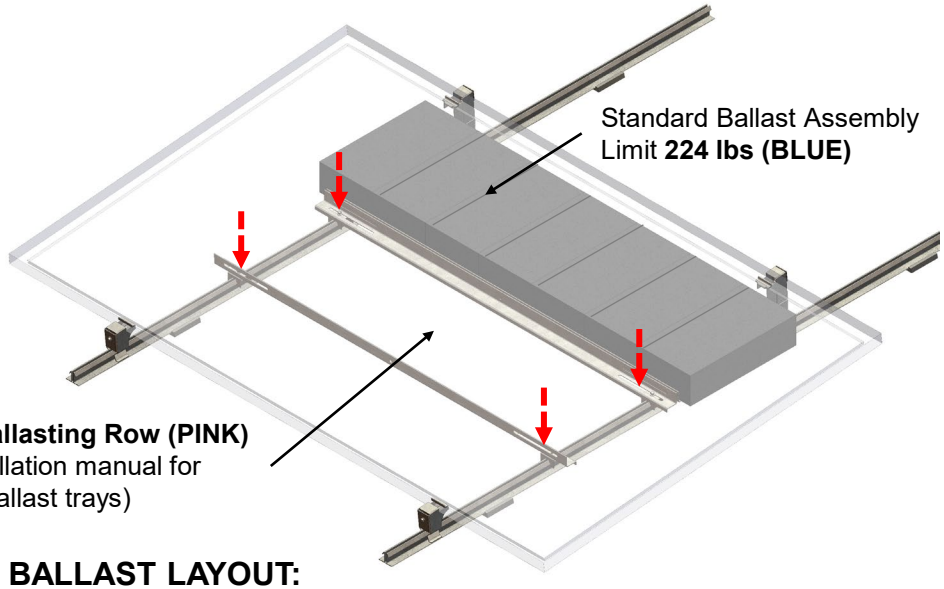
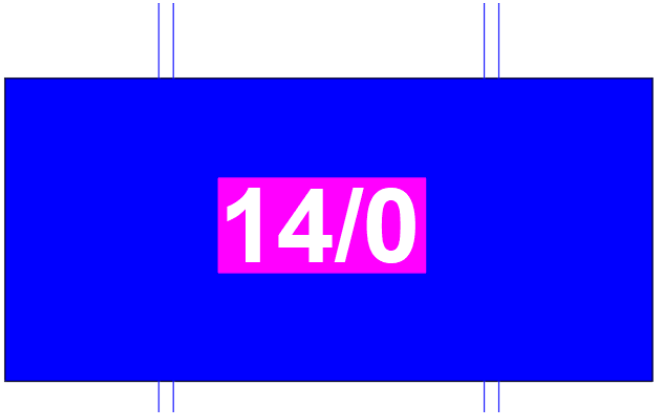
- AeroGrid Accessory Bracket – **Qty 4**
- Hex Bolt, 1/4-20 x 5/8", Serrated Flange – **Qty 4**



BALLAST LAYOUT:



AeroGrid 5 Deg. Intercolumn Ballast Assembly

AEROGRID 5 DEG. INTERCOLUMN

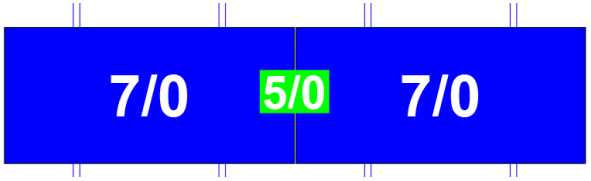
AeroGrid 5 Deg. can fit up to 5 ballast stones (32lbs) in the Intercolumn Spacing. Ballasts along the intercolumn are shared equally between two adjacent modules. Refer to the table below for the max ballast weight per panel constraining to the ***module length.***

NOTE: Ballast stones and slabs are to be distributed evenly across the ballast tray. Combinations of ballast stones and slabs may be used in **16 lb** intervals.

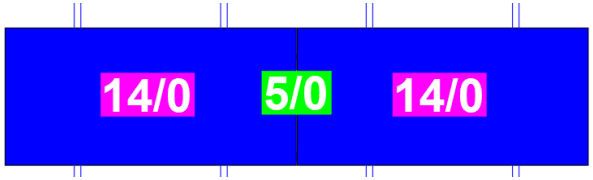
MAX BALLASTING TABLE:

Module Length (mm)	Stones	Slabs	Max Ballast Weight (lbs)
1614-1816	1	0	**32**
1817-2019	2	0	**64**
2020-2222	3	0	**96**
2223-2425	4	0	**128**
2426+	5	0	**160**

BALLAST LAYOUT:



BALLAST LAYOUT WITH ADDITIONAL BALLAST ROW:



ADDITIONAL COMPONENTS:

- AeroGrid Accessory Bracket **– Qty 1**