



## Photoredox Catalysis

### 24-Well Aluminum Reaction Block with 18mm Well Spacing - for 4mL, 15x45mm (1 Dram) Vials

Open Top/Bottom (for Sampling)



- Useful for generating compound arrays (medicinal chemistry)
- Useful for conducting screening reaction conditions
- SBS plate format allows for use in multiple automation applications
- Can be used on tumble stirrers / hot plate stirrers / robotic platforms
- Can easily be used in a glovebox
- Sealed with/ PFA Film and Rubber Mats



Cat. No.	Description	Qty
24626	24-Well Aluminum Reaction Block with 18mm spacing between well centers. For 15mm OD (1 Dram) Vials. Includes: Base Plate, Cover, Screws, PFA Film and Rubber Mat	Each
24120	Silicone/Rubber Mats for 24 Well, 18mm Spacing Reaction Blocks	25
24121	PFA Films for 24 Well, 18mm Spacing Reaction Blocks	25
VSCREW24	1 3/4" Screws for 24-Well Aluminum Reaction Plate	100
31531-Case	Advantage 13mm, 15 x 45, 4mL Clear Glass Screw Vials, Case	1000
31554-Case	PTFE Lined Caps	1000

## Lumidox® II 24-well Lens Mat LED Array with 18mm Well Spacing

Built specifically for use with our **Para-dox® 24-well Reactor Block with 18mm well spacing**  
(not compatible with 20mm well-spaced blocks)



Wavelength (nm)	Description	Active Cooling Base	Flow-Through Base**	Solid Base*
		Catalog No.	Catalog No.	Catalog No.
UVC-255	24-Well LED Array with 18mm Spacing, Lens Mat	LUM22418LA255	LUM22418LF255	LUM22418LS255
UV365	24-Well LED Array with 18mm Spacing, Lens Mat	LUM22418LA365	LUM22418LF365	LUM22418LS365
UV375	24-Well LED Array with 18mm Spacing, Lens Mat	LUM22418LA375	LUM22418LF375	LUM22418LS375
UV385	24-Well LED Array with 18mm Spacing, Lens Mat	LUM22418LA385	LUM22418LF385	LUM22418LS385
UV395	24-Well LED Array with 18mm Spacing, Lens Mat	LUM22418LA395	LUM22418LF395	LUM22418LS395
UV405	24-Well LED Array with 18mm Spacing, Lens Mat	LUM22418LA405	LUM22418LF405	LUM22418LS405
420-VIOLET	24-Well LED Array with 18mm Spacing, Lens Mat	LUM22418LA420	LUM22418LF420	LUM22418LS420
445-INDIGO	24-Well LED Array with 18mm Spacing, Lens Mat	LUM22418LA445	LUM22418LF445	LUM22418LS445
470-BLUE	24-Well LED Array with 18mm Spacing, Lens Mat	LUM22418LA470	LUM22418LF470	LUM22418LS470
505-CYAN	24-Well LED Array with 18mm Spacing, Lens Mat	LUM22418LA505	LUM22418LF505	LUM22418LS505
527-GREEN	24-Well LED Array with 18mm Spacing, Lens Mat	LUM22418LA527	LUM22418LF527	LUM22418LS527
590-AMBER	24-Well LED Array with 18mm Spacing, Lens Mat	LUM22418LA590	LUM22418LF590	LUM22418LS590
630-RED	24-Well LED Array with 18mm Spacing, Lens Mat	LUM22418LA630	LUM22418LF630	LUM22418LS630
660-DEEP RED	24-Well LED Array with 18mm Spacing, Lens Mat	LUM22418LA660	--	LUM22418LS660
730-IR	24-Well LED Array with 18mm Spacing, Lens Mat	LUM22418LA730	--	LUM22418LS730
WHITE	24-Well LED Array with 18mm Spacing, Lens Mat	LUM22418LAWHT	LUM22418LFWHT	LUM22418LSWHT

\* Requires the use of a sufficient chiller/cooling device

\*\* Note: Flow-through base LED arrays can only be used with an independent, dedicated recirculating chiller circuit. They cannot be daisy chained with any other hardware.

For pricing, see [analytical-sales.com](http://analytical-sales.com)



## Temperature Transfer Cover for 24-Well Reaction Blocks with 18mm Well Spacing

Analytical's new Temperature Transfer Cover is perfect for those who prefer to cap their vials instead of sealing them with an aluminum cover, rubber mat, and PFA film. When paired with a Thermal Transfer Deck and external liquid chiller, this cover helps to dissipate heat generated by a Lumidox II LED array.

Vials in the reactor blocks allow for easy alignment for the cover, and for extra stability users can secure the cover with twelve (12) screws. The cover can also be flipped over and used as a reactor in itself or as a vial tray.

Cat. No.	Description	Qty
24122	Temperature Transfer Cover for 24-Well Reactors with 18mm Well Spacing for 15mm OD Vials	Each



## Photoredox 24-Well Reaction Block with 18mm Well Spacing - with Temperature Transfer Cover

The 24-well, 18mm well spaced Photoredox Reaction Block is also available with a **Temperature Transfer Cover** included. The cover replaces the rubber mat and PFA film, which is not included in this assembly.

Cat. No.	Description	Qty
24627	24-Well Aluminum Reaction Block with 18mm spacing between well centers. For 15mm OD (1 Dram) Vials. Includes: Base Plate, Temperature Transfer Cover and Screws	Each



31531

Use with 15 x 45mm vials, sold separately. See part number 31531-Case.



31554

Cat. No.	Description	Qty
31531-Case	Advantage 13mm, 15 x 45, 4mL Clear Glass Screw Vials, Case	1000
31554-Case	PTFE Lined Cap	1000

For pricing, see [analytical-sales.com](http://analytical-sales.com)

## Accessories



SD1000  
Battery Powered  
Screwdriver

Cat. No.	Description	Qty
SD1000	Battery Powered Screwdriver	Each
266540	Thermal Transfer Deck with High-end Fittings (TTD+)	Each
TCubeEdge	TCube Edge Chiller	Each



266540  
TTD+, High-end Fittings



TCube Edge Chiller