

Forward Family

utility lighting

AV integration – Because two hands are better than one.

Forward Utility Lighting illuminates the full height of the enclosure with bright white light at an optimal angle for unmatched visibility.

features:

- Drop into Lever Lock™ compatible rackrail brackets on a BGR Family enclosure for quick tool-free installation
- Includes (2) full height bright white lights
- Unmatched visibility with lighting fixed at an optimal 45° angle facing into the enclosure
- Includes IR sensor for automatic on/off with the door
- Includes dimmer allowing you to set the light brightness to your preference
- Includes UP1 panel to mount IR/Dimming module on the rackrail
- Mount anywhere from front to rear
- Includes all hardware for mounting in any other Middle Atlantic enclosure



specifications:

Forward Family Utility Lighting shall be Middle Atlantic Products model # FWD-LT-UTL-___-___-D (refer to chart). FWD-LT-UTL shall have an overall height of ___ (refer to chart.) FWD-LT-UTL shall have a light temperature of 4,000K, and provide ___lm (refer to chart). FWD-LT-UTL shall have a 1 rackspace IR/dimming module that allows for brightness setting and automatic on/off when door is opened. FWD-LT-UTL shall include 2 lights that mount to the rack side and are angled 45°. FWD-LT-UTL shall have a 110V UL Listed power supply with an output of 24VDC, 2 Amps. FWD-LT-UTL shall have an input voltage range of 100VAC to 240VAC, an input frequency range of 50/60Hz, and a max AC current draw of 1.6A AC. FWD-LT-UTL shall be warranted to be free from defects in materials and workmanship under normal use and conditions for a period of 3 years. FWD-LT-UTL shall be UL Listed and CE Marked.

Customizable specification clips available at middleatlantic.com



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COMMERCIAL BRANDS

C2G | Chief | Da-Lite | Luxul | Middle Atlantic | Vaddio | Wiremold

120-00005 / rev - / 8-23-19


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specification table:

DESCRIPTION	FWD-LT-UTL-16-21-D	FWD-LT-UTL-24-27-D	FWD-LT-UTL-35-40-D & FWD-LT-UTL-41-42-D	FWD-LT-UTL-44-45-D
Input Driver Voltage (V)	24V		24V	
Input Driver Current (A)	1.5A		1.5A	
Power-Watts	6W	9W	12W	15W
LED Light Bar Sections	2pcs/set		2pcs/set	
Lumens	2x570LM	2x855LM	2x1110LM	2x1425LM
CCT Rating	4000K		4000K	
CRI Rating	80		80	
LED Count/Type	154pcs/2835	224pcs/2835	350pcs/2835	420pcs/2835
IR Type	IR+touch(dimmmable)		IR+touch(dimmmable)	
Input Connection	T-Type connect cable (18x32x4)			
Dimensions (LxWxD)	711(28") 24x10mm	1067(42") 24x10mm	1550(61") 24x10mm	1854(73") 24x10mm

power supply features:

Input Voltage Rated Range/Frequency	100-240VAC 50/60Hz
Input Voltage Variation Range/Frequency	90-264VAC 47/63Hz
Input Current (A)	1.6A
Input Inrush Current (A)	50A Max. Cold start at 240Vac input with rated load and 25oC ambient
Output Voltage (Vdc)	24Vdc
Output Minimum Current (A)	0A
Output Maximum Current (A)	2A
Output Power (W)	48W
Output Combined Minimum Load (A)	0A
Output Combined Maximum Load (A)	2A
Output Load Regulation (V)	22.8V-25.2V
Output Standby Power (W)	0.1W Max
Output Ripple	240mVp-p
Output Noise	480mVp-p
Efficiency	87.4% at 100Vac/87.4% at 240Vac
Short Circuit Protection	The power supply will auto recover when short circuit faults are removed.
Over Current Protection	The power supply will auto recover when over current faults are removed.
Operating Temperature	0oC ~ 40oC
Certifications	UL, FCC, CE, GS
Dimensions (LxWxH)	123x55x35mm
DC Cable Length	1.83mm
DC Cable Gauge/VW-1 Rating	20AWG/300V
DC Cable Plug Polarity	Inner-positive/outer-negative 
Surge Rating	1KV

LIGHT BAR CERTIFICATIONS	
Certifications	FCC Class B, RoHS,CE

WARRANTY	
Light Products	3 Years

For complete warranty information, refer to <http://www.middleatlantic.com/company/about-us.aspx#warranty>



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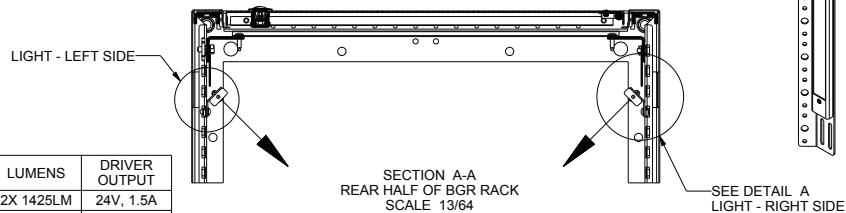
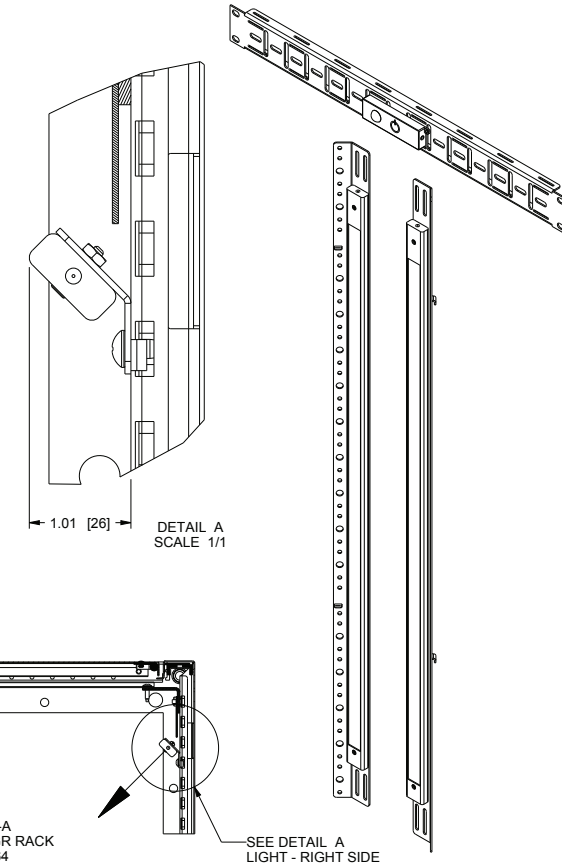
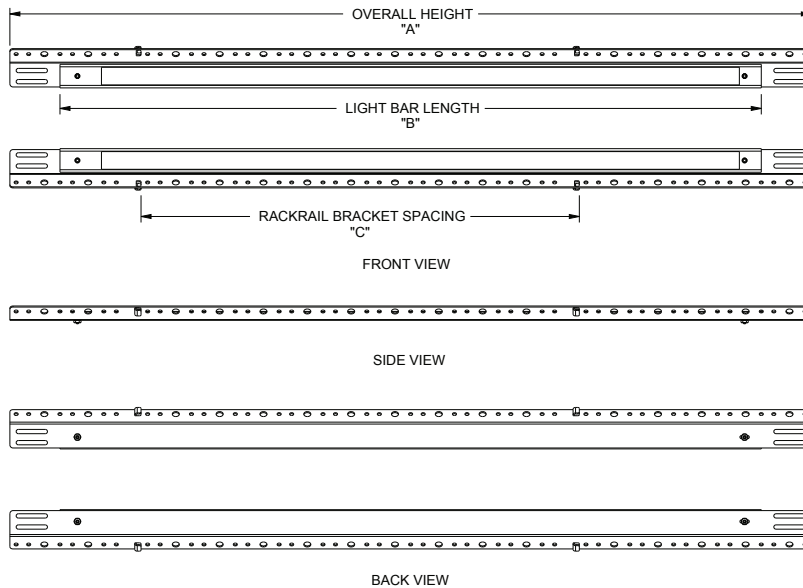
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Forward Family

utility lighting basic dimensions

- NOTE(S):
 1. ALL DIMENSIONS SHOWN IN FORMAT:
 INCHES [MILLIMETERS]
 2. FWD-LT-UTL-16-21-D SHOWN
 3. LIGHT TEMPERATURE - 4000K



SKU #	OVERALL HEIGHT "A"	LIGHT BAR LENGTH "B"	RACKRAIL BRACKET SPACING "C"	LUMENS	DRIVER OUTPUT
FWD-LT-UTL-44-45-D	77.0 [1956]	73.0 [1854]	21.0 [533]	2X 1425LM	24V, 1.5A
FWD-LT-UTL-41-42-D	65.0 [1651]	61.0 [1549]	17.5 [445]	2X 1110LM	24V, 1.5A
FWD-LT-UTL-35-40-D	65.0 [1651]	61.0 [1549]	21.0 [533]	2X 1110LM	24V, 1.5A
FWD-LT-UTL-24-27-D	46.0 [1168]	42.0 [1067]	21.0 [533]	2X 855LM	24V, 1.5A
FWD-LT-UTL-16-21-D	32.0 [813]	28.0 [711]	17.5 [445]	2X 570LM	24V, 1.5A



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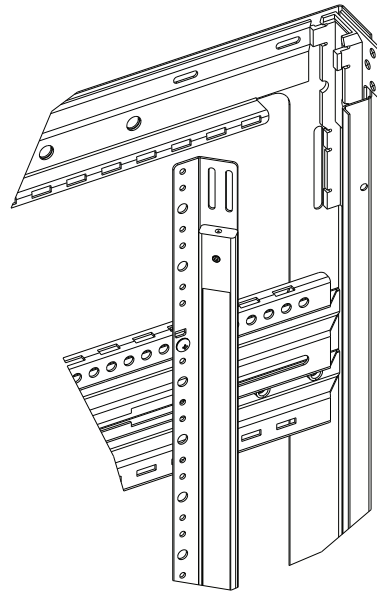
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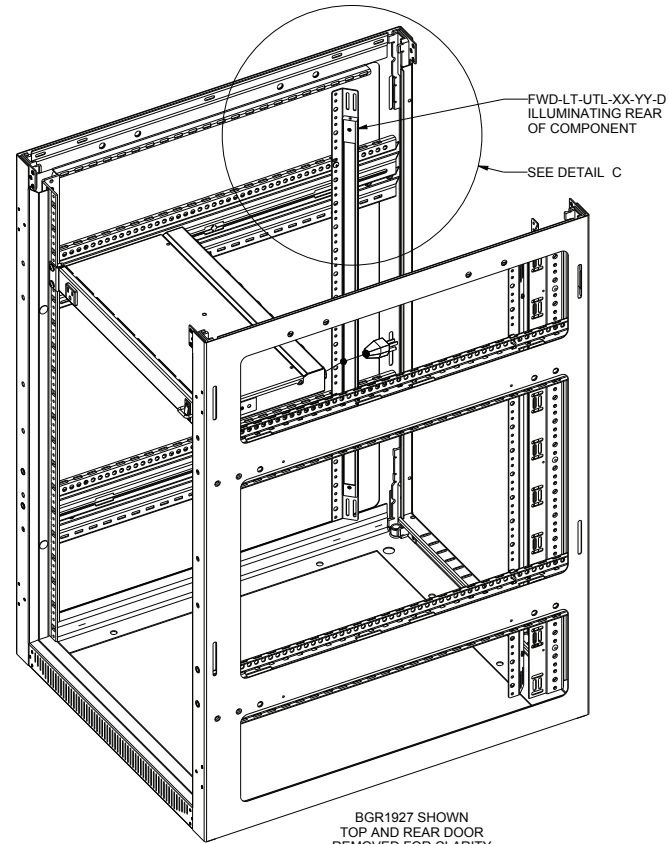
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NOTE(S):
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 INCHES [MILLIMETERS]
 2. FWD-LT-UTL-16-21-D SHOWN



DETAIL C
 SCALE 27/64



BGR1927 SHOWN
 TOP AND REAR DOOR
 REMOVED FOR CLARITY



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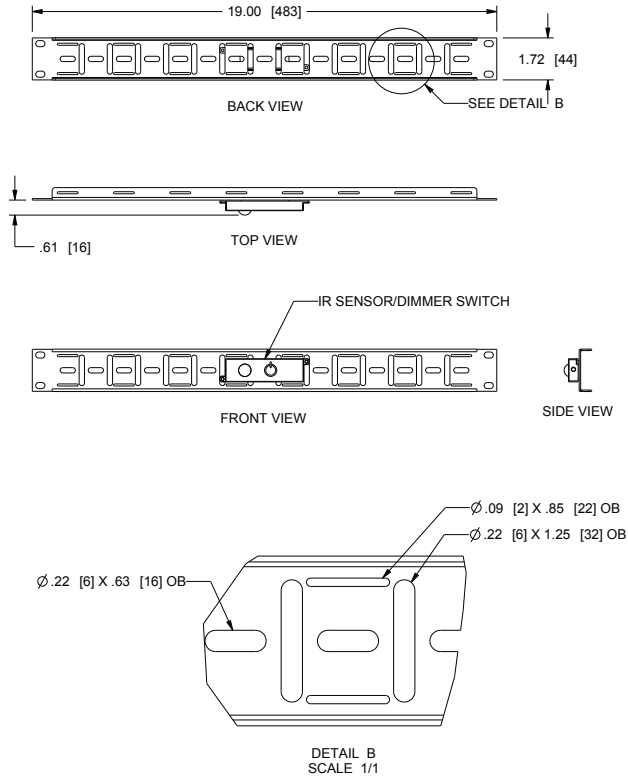
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NOTE(S):
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INCHES [MILLIMETERS]



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BGR					
BGR-19XX	X				
BGR-25XX		X			
BGR-38XX		X	X		
BGR-41XX	X			X	
BGR-45XX		X			X
DWR					
DWR-10-XX					
DWR-12-XX					
DWR-16-XX					
DWR-18-XX					
DWR-21-XX	X				
DWR-24-XX	X				
DWR-35-XX	X	X	X		
ERK					
ERK-18XX	X				
ERK-21XX	X				
ERK-27XX		X			
ERK-35XX	X	X			
ERK-40XX	X	X	X	X	
ERK-44XX	X	X	X	X	X
MRK					
MRK-24XX	X				
MRK-37XX	X	X	X		
MRK-40XX	X	X	X	X	
MRK-44XX	X	X	X	X	X
SNE					
SNE - 24 SP					
SNE - 42 SP		X	X	X	
SNE - 45 SP		X	X	X	X
SR					
SR-24-XX	X				
SR-40-XX	X	X	X	X	
SR-46-XX	X	X	X	X	X
VRK					
VRK-44-XXH	X	X	X	X	X
WRK					
WRK-24-XX		X			
WRK-37-XX	X	X	X		
WRK-40-XX	X	X	X		
WRK-44-XX	X	X	X		X

FITMENT MATRIX



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