STARTILE™ MRI SERIES

NewStarLighting

PROJECT: _____

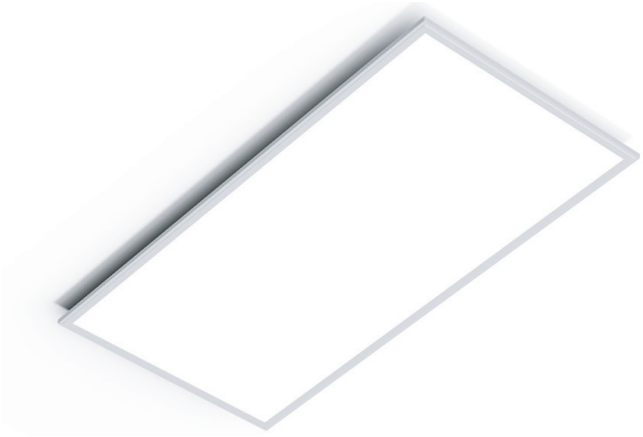
TYPE: _____

PRODUCT: _____

APPROVED BY: _____

PRODUCT FEATURES

- Intended for Hospitals, Patient Rooms, Exam Rooms, Lobbies, Pediatric Care, Medical Office Buildings, Dental Offices, and more
- Available in 1x1, 1x4, 2x2, and 2x4 dimensions
- Grid, or flange installation
- Edge-lit LEDs for fully luminous design
- Graphic images are available, click here to view our StarTile MRI Graphic Image Series
- Fixture is certified to UL Standards by Intertek Testing Laboratory for Damp Locations
- This product is Made in America and complies with the Buy American Act (BAA) requirements



AG MRI

ORDERING INFORMATION

Example: AGG44-MRI-OP-40-80C-1C-UN-DM1

AG			MRI	OP	
Series	**Mounting** **G** = Grid **F** = Flange	**Size*** **11** = 1x1 **14** = 1x4 **22** =2x2 **24** =2x4 **44** =4x4 *Nominal Size. Dimensional Data on Page 2.	**Model** **MRI** = Remote Driver* *Requires remote Power Supply ordered seperately and proper filter components, by others. Consult factory for more information.	**Lens** **OP** = Opal Poly.* * For image, select Startile Graphic Image Series	**Color Temp.** **30** = 3000K **35** = 3500K **40** = 4000K **50** = 5000K **TW1** = Tunable White 2700K to 5000K **TW2** = Tunable White 2700K to 6500K *Must specify Tunable White Driver.

80C	1C			
CRI **80C** = 80 CRI	**Circuits** **1C** = 1 Circuit	**Voltage** **12** = 120V **27** = 270V **34** = 347V **UN** = Universal (120V-277V)	**Options** **EQ** = Earthquake Clips* *Grid only	**Accessories*** **CA** = Angled Recessed Frame (Grid or Flange) **AD** = Straight Edge Frame *Grid application only. Made in 20ga. CRS with a white powder coat finish unless otherwise specified.

Remote Power Supply needs to be ordered as a separate line item.
Please see page 3 for nomenclature.

New Star Lighting
2225 W Pershing Rd, Chicago, IL 60609
(773) 847-1400
www.newstarlighting.com

Specifications and dimensions are subject to change without notice. For additional options and dimensional details, please consult your New Star Lighting representative.

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SPECIFICATIONS

CONSTRUCTION: Fixture frame white extruded aluminum.

IMAGES: Variety of high-resolution images designed to scale into large murals without pixelation. Images are printed on UV-stabilized polycarbonate lens material, unless otherwise specified.

LENS: .125" Opal Polycarbonate lens standard.

LED: Available in four color temperatures 3000K, 3500K, 4000K, and 5000K. Tunable White also available, from 2700K - 5000K or 2700K- 6500K. Minimum 50,000 hours with 70% lumen maintenance in a 25°C ambient temperature environment, compliant with IES LM-80 testing standards.

ELECTRICAL: Standard 120-277VAC, 50/60Hz electrical input with constant current drivers (<210% THD, > 0.90 PF).

TUNABLE WHITE DRIVER OPTIONS:

TW0 = 2 CHANNEL 0-10V one channel for brightness, one channel for CCT

TWD = 2 CHANNEL DALI8 one channel for brightness, one channel for CCT

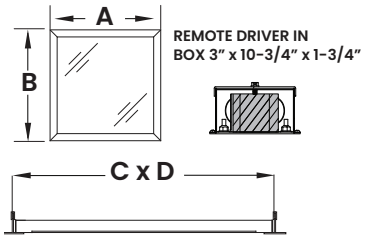
INSTALLATION: Grid installation. Mounting for custom ceilings available, consult factory.

WARRANTY: 5 Year Warranty.

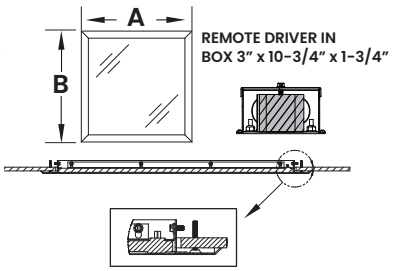
LABEL: Fixture is certified to UL standards by Intertek Testing Laboratory for Damp Locations. This product is Made in America and complies with the Buy American Act (BAA).

DIMENSIONAL DATA

GRID MOUNTING



FLANGE MOUNTING



	A	B	C	D	DEPTH	RECOMMENDED CEILING CUT-OUT
AGG11	11.81"	11.81"	12"	12"	0.56"	N/A
AGG14	11.81"	47.75"	12"	48"	0.56"	N/A
AGG22	23.62"	23.62"	24"	24"	0.56"	N/A
AGG24	23.62"	47.62"	24"	48"	0.56"	N/A

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PERFORMANCE DATA

MODEL	COLOR TEMP.	LUMENS DELIVERED	EFFICACY (lm/W)	INPUT POWER (W)
AG11	3000K	1344	74.1	18
	3500K	1350	75	18
	4000K	1400	75.9	18
	5000K	1586	85.7	18
AG14	3000K	3648	93.5	40
	3500K	3786	95	40
	4000K	3800	95.8	40
	5000K	4305	108.2	40
AG22	3000K	3840	96.3	40
	3500K	3900	98	40
	4000K	4000	98.7	40
	5000K	4532	111.5	40
AG24	3000K	6700	80.7	80
	3500K	6850	81.7	80
	4000K	7000	82.7	80
	5000K	7900	93.4	80

REMOTE POWER SUPPLY ORDERING INFORMATION

StarTile MRI fixtures supplied with LED Driver. Driver must be remote mount outside of MRI Room. One Driver inside one Box to power one fixture (maximum). Consult factory for additional options. MRI room EMI filter required (supplied by others). Note, each Power Supply requires individual Filter. Consult factory for additional Power Supply configurations.

AG		PS-1/1-P	
Series	**Size*** **11** = 1x1 **14** = 1x4 **22** =2x2 **24** =2x4 **44** =4x4	**Power Supply** **PS-1/1-P** = One Driver per Fixture. **PS-2/2-P** = Enclosure box with 2 drivers to power 2 fixtures (all fixtures must be in the same room) **PS-4/4-P** = Enclosure box with 4 drivers to power 4 fixtures (all fixtures must be in the same room) *Filter required by others. Consult factory for Power Supply Options.	**Options** **Driver Type** **DM1** = 0-10V Dimming with 1-100% range **DMT** = 0-10V & TRIAC/ELV* *Must specify with 120V. **Tunable White Driver*** **TW0** = 2 CHANNEL 0-10V **TWD** = 2 CHANNEL DALI8 *Tunable White Driver requires choice of **TW1** or **TW2** in Color Temp column.

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IMPORTANT SAFETY MEASURES

Power must be supplied by grounded New Star Remote Power Supply to ensure adequate EMI filtering. Remote Power Supply system must be ordered separately, and installed according to provided instructions.

- This must be installed in accordance with the applicable installation code by a person familiar with the construction and operation of the product and the hazards involved in a MRI environment
- Disconnect power to all circuits before wiring fixture
- Install in accordance with all national, state, and local codes
- Remote Power Supply MUST be grounded
- Failure to install unit on a mechanically sound surface may result in personal injury, physical damage, or potential fire hazard
- Use installation procedures appropriate to a MRI environment and sensitive electronic equipment
- Read all fixture marketing and labels to ensure correct installation of the luminaire
- Supplemental instructions may be located on the luminaire, in addition to the instruction sheet provided by New Star, regarding orientation or mounting restrictions

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