

PROJECT: _____

TYPE: _____

PRODUCT: _____

APPROVED BY: _____

PRODUCT FEATURES

- Intended for MRI and Hybrid Surgical Suite applications
- Extensive library of images to choose from
- Non-ferrous construction and remote power supplies provide safe operating conditions for MRI machines, medical imaging equipment, and other magnetically sensitive apparatus
- Certified to UL standards by Intertek Testing Laboratory and NSF standards. Compliant with MIL-STD 461G for radiated and conducted emissions
- This product is Made in America and complies with Buy American Act (BAA) requirements



PCG-MRI



ORDERING INFORMATION

Example: PCG-MRI-22-TB15-XXX-40-UN

PCG	MRI			
Series	MRI	Nominal Size 22 = 2' x 2' 24 = 2' x 4' 44 = 4' x 4'	Mounting/Suspension TB15 = t-bar 15/16" TB24 = t-bar 1 1/2"	Ceiling Configuration X Y Z X = Number of Overlapping Grid fixtures per Mural Y = Horizontal length of Mural (Feet) Z = Vertical length of Mural (Feet) * Configuration Example on Page 2. Custom configurations and shapes available, consult factory. Images may need to be edited based on layout.

	40	
Image OP = .125" Frosted Polycarbonate Please CLICK HERE to go to image selection guide (insert code in place) CL(#) = Custom image* *Provide your own image (must be 150dpi at 100% image size).	Color Temp. 40 = 4000K	Voltage 12 = 120V 27 = 277V UN = Universal (120-277V)

REMOTE POWER SUPPLY ORDERING INFORMATION

PostiveCare MRI fixtures supplied with remote LED Driver (must be remote mount outside of Imaging 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.

PCG		PS-1/I-P	
Series	SIZE 22 = 2' x 2' 44 = 4' x 4'	PS =Power Enclosure* *Up to 8 drivers can be in a Power Enclosure depending on quantity of fixtures ordered. Consult factory for custom configurations. Configuration must be determined at time of order.	Options DM = 0-10V dimming with 1-100% range



New Star Lighting

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

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SPECIFICATIONS

CONSTRUCTION: 18-Gauge aluminum 0.040" housing.

LENS: 0.236" PMMA lens with [image](#).

REFLECTORS: Hi-reflectance powder coat aluminum.

LUMINAIRE SUPPORT: Aluminum hold-down clips

FINISH: White antimicrobial polyester powder coat following multi-stage iron phosphate pretreatment on all exposed room-side surfaces.

LED: LED modules are available in 5000K with maximum 3-step MacAdam variation allowance. Minimum 50,000h with 85% of lumen maintenance in 25°C ambient temperature environment, in compliance with IES LM-80 testing measurements. Standard 0-10V dimming driver with 1-100% range.

POWER SUPPLY: LED driver included – must be remote mount. Must order Power Supply separately, Page 3. MRI room EMI filter required, supplied by others. Input Voltage: AC120V-277V.

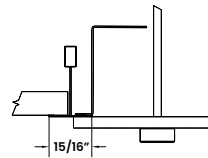
LABEL: Fixture is certified to UL standards by Intertek Testing Laboratory and NSF standards. Compliant with MIL-STD 461G for radiated and conducted emissions.

WARRANTY: New Star Lighting will warrant defective LEDs, boards, EMI filters, and drivers for 5 years from date of purchase. Warranty is valid only if luminaire is installed and used according to specifications and installation instructions.

If defective, New Star will send replacement boards, filters or drivers at no cost along with detailed replacement instructions and instructions on how to return defective components to New Star.

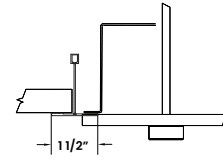
T-BAR STYLE MOUNTING

(TB15)



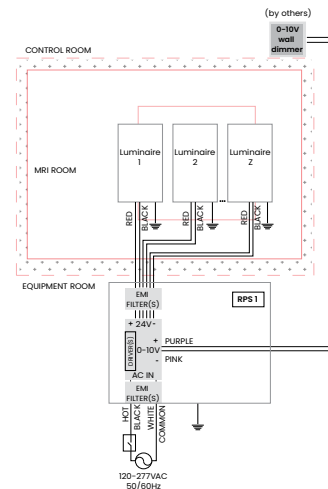
15/16" T-BAR

(TB24)

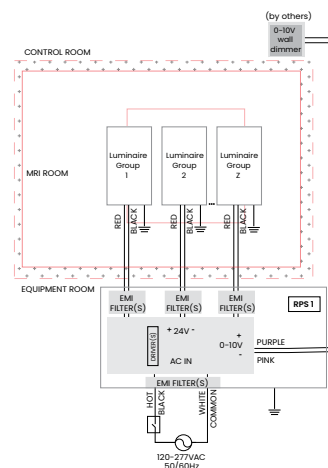


1 1/2" T-BAR

EXAMPLE WIRING DIAGRAMS



Single connection installation



Multiple connection installation



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CONFIGURATION EXAMPLE

Order quantity based on number of murals, not Overlapping Grid fixtures.

Example: Qty 1: PCG-MRI24-M484-RT-UN-57 = 1 Mural consisting of 4 (2x4) Overlapping Grid fixtures. Two Overlapping Grid fixtures across (8') and two Overlapping Grid fixtures down (4').

CONFIGURATION EXAMPLE #1

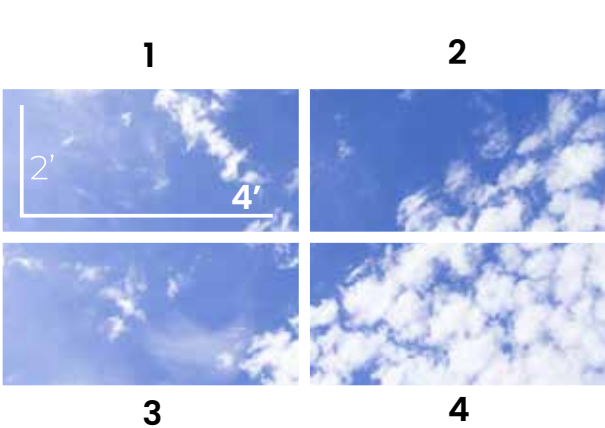
4 8 4

X Y Z

X = Number of Overlapping Grid fixtures per Mural = 4 (2x4 Overlapping Grid)

Y = Horizontal length of Mural (Feet) = 8ft

Z = Vertical length of Mural (Feet) = 4ft



CONFIGURATION EXAMPLE #2

4 4 8

X Y Z

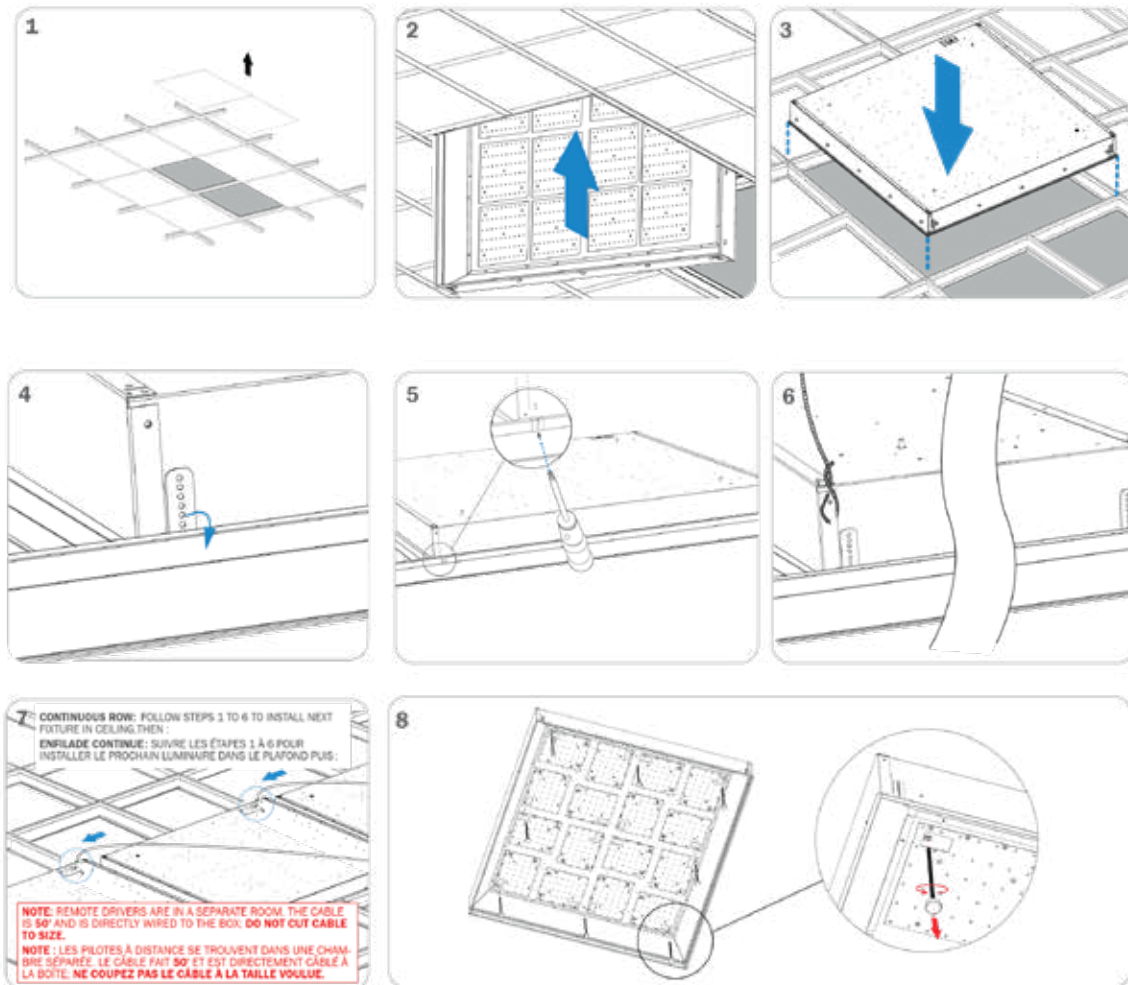
X = Number of Overlapping Grid fixtures per Mural = 4 (2x4 Overlapping Grid)

Y = Horizontal length of Mural (Feet) = 4ft

Z = Vertical length of Mural (Feet) = 8ft



INSTALLATION INSTRUCTIONS



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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POSITIVECARE™ PHOTOGRAPHY

SPRING TREES



PC40001



PC40002



PC40003



PC40004



PC40005



PC40006



PC40007



PC40008



PC40009



PC40010

SUMMER TREES



PC50001



PC50002



PC50003



PC50004



PC50005



PC50006



PC50007



PC50008



PC50009



PC50010



PC50011



PC50012



PC50013



PC50014



PC50015



PC50016



PC50017



PC50018



PC50019



PC50020



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SUMMER TREES



PC50021



PC50022



PC50023



PC50024



PC50025



PC50026



PC50027



PC50028



PC50029



PC50030



PC50031



PC50032



PC50033



PC50034

FALL TREES



PC60001



PC60002



PC60003



PC60004



PC60005



PC60006



PC60007



PC60008



PC60009



PC60010



PC60011



PC60012



PC60013



PC60014



PC60015

FALL TREES



PC60016



PC60017



PC60018



PC60019



PC60020



PC60021



PC60022



PC60023



PC60024



PC60025



PC60026



PC60027



PC60028



PC60029



PC60030



PC60031



PC60032



PC60033



PC60034



PC60035



PC60036



PC60037



PC60038



PC60039



PC60040



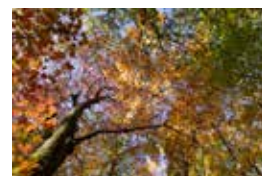
PC60041



PC60042



PC60043



PC60044



PC60045



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FALL TREES



PC60046



PC60051



PC60047



PC60048



PC60049



PC60050

OCEAN



PC10001



PC10002



PC10003

CLOUDS



PC20001



PC20002



PC20003



PC20004



PC20005



PC20006



PC20007



PC20008



PC20009



PC20010



PC20011



PC20012



PC20013



PC20014



PC20015



PC20016



PC20017



PC20018



PC20019



PC20020



PC20021



PC20022



PC20023



PC20024



PC20025



PC20026



PC20027



PC20028



PC20029



PC20030



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CLOUDS



PC20031



PC20032



PC20033



PC20034



PC20035



PC20036



PC20037



PC20038



PC20039



PC20040

LANDSCAPES



PC30001



PC30002



PC30003



PC30004



PC30005



PC30006



PC30007



PC30008



PC30009



PC30010



PC30011



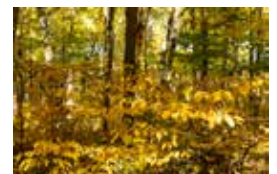
PC30012



PC30013



PC30014



PC30015



PC30016



PC30017



PC30018



PC30019



PC30020



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POSITIVECARE™ DESIGNER GRAPHICS

CORAL



PC70001



PC70002



PC70003



PC70004

DOVE



PC70005



PC70006



PC70007



PC70008

FEIGN



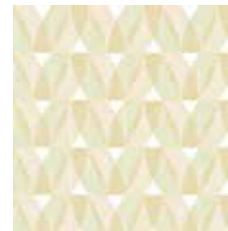
PC70009



PC70010



PC70011



PC70012



PC70013

GINKO



PC70014



PC70015

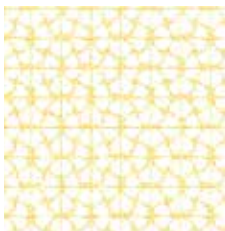


PC70016

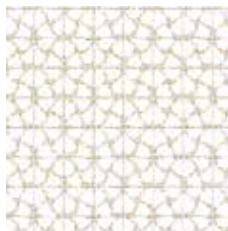


PC70017

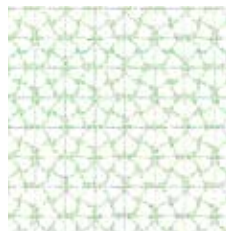
MAGNOLIA



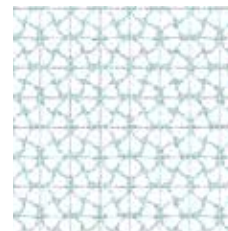
PC70018



PC70019



PC70020



PC70021



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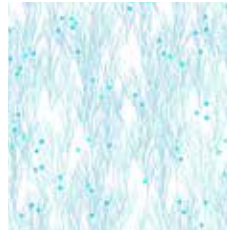
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PINE ON PINE



PC70022



PC70023



PC70024



PC70025



PC70026

PRAIRIE



PC70027



PC70028



PC70029



PC70030

FEIGN



PC70031



PC70032

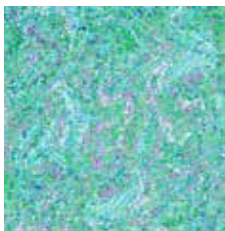


PC70033

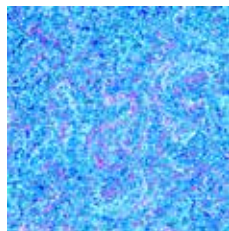


PC70034

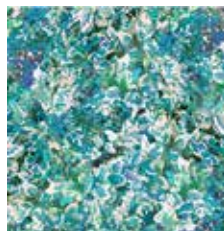
ABSTRACTS



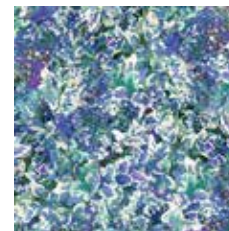
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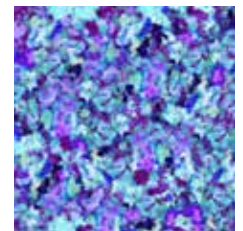
PC11002



PC11004



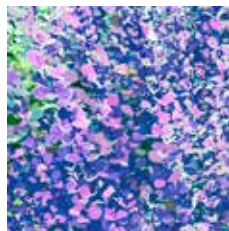
PC11004



PC11005



PC11011



PC11012



PC11013



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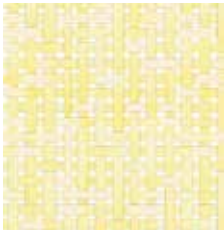
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BASKET



PC80001



PC80002



PC80003

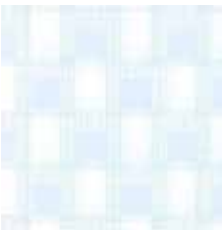


PC80004



PC80005

BOXED



PC80006



PC80007



PC80008



PC80009



PC80010

HARBOR



PC80011



PC80012



PC80013

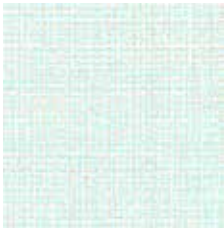


PC80014

TEXTURE



PC80015



PC80016



PC80017



PC80018

POSITIVECARE™ PEDIATRIC DESIGNER GRAPHICS

BIRD ON A WIRE



PC90001



PC90002



PC90003



PC90004



PC90005

BUZZY



PC90006



PC90007

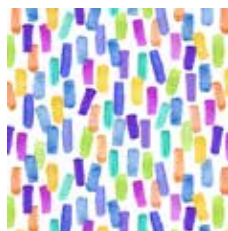


PC90008



PC90009

CONFETTI



PC90010



PC90011



PC90012



PC90013



PC90014

FIELD FLOWERS



PC90015



PC90016



PC90017



PC90018



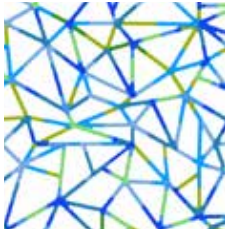
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GEODE



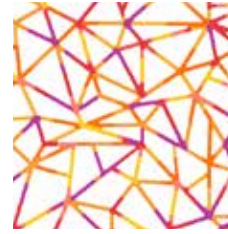
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PC90020

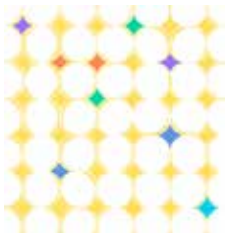


PC90021

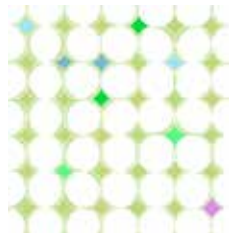


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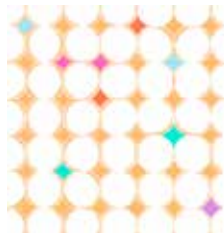
JESTOR



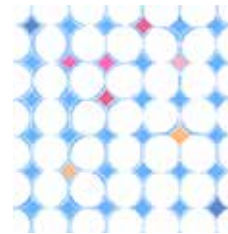
PC90023



PC90024



PC90025



PC90026

LAND BABIES



PC90027



PC90028



PC90029



PC90030

MY SUNSHINE



PC90031



PC90032



PC90033



PC90034



PC90035



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NUMBERS GAME



PC90036



PC90037



PC90038



PC90039

STORK



PC90040



PC90041



PC90042



PC90043



PC90044

SEA BABIES



PC90045



PC90046

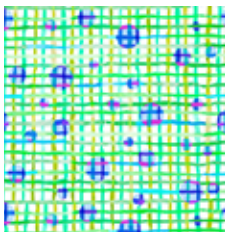


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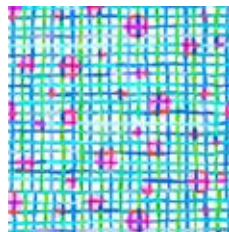


PC90048

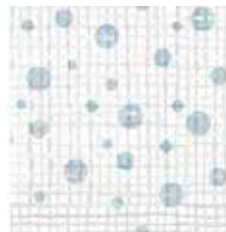
BUBBLES



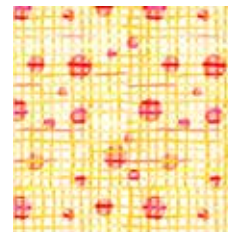
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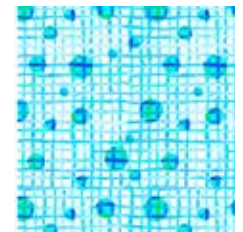
PC90050



PC90051



PC90052



PC90053



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