

PROJECT: _____
 TYPE: _____
 PRODUCT: _____
 APPROVED BY: _____

PRODUCT FEATURES

The PositiveCare™ SKYLITE Series provides a calming skylight appearance with the look of a luminous ceiling. Images are backlit by the luminaire recessed above within a standard grid. New Star offers a variety of high quality image overlays with the option of custom images that can be configured as a standalone image or into a mural.

- Intended for MRI and Hybrid Surgical Suite applications
- Available in 1x1, 1x4, 2x2, 2x4, and 4x4 dimensions
- Designed to install into a grid ceiling with aluminum angled edge recessed frame that provides skylight appearance
- Non-ferrous construction and remote power supplies provide safe operating conditions for MRI machines, medical imaging equipment, and other magnetically sensitive apparatus
- Extensive library of graphics, including photography, designer geometric, biophilic, and pediatric images
- Certified to UL standards by Intertek Testing Laboratory and NSF standards. Compliant with MIL-STD 461G for radiated and conducted emissions
- This product was Made in America and complies with the Buy American Act requirements



PCSKLMRI Series

ORDERING INFORMATION

Example: PCSKLMRI22-GAD-1-80C-27-UN-1C-DMI

PCSKLMRI						80C
Series	Size* 11 = 1x1 14 = 1x4 22 = 2x2 24 = 2x4 44 = 4x4	Mounting GAD = Grid with Aluminum Angled Recessed Frame	Ceiling Configuration X Y Z	Image blank = .125" Frosted Polycarbonate X = Number of SKYLITE fixtures per Mural Y = Horizontal length of Mural (Feet) Z = Vertical length of Mural (Feet) * Configuration Example on Page 3. Custom configurations and shapes available, consult factory. Images may need to be edited based on layout.	CRI 80C = 80 CRI Please CLICK HERE to go to image selection guide (insert code in place) +PCC(#) = custom image* *Provide your own image (must be 150dpi at 100% image size).	
Color Temp. 30 = 3000K 35 = 3500K 40 = 4000K 50 = 5000K TW1 = Tunable White 2700K to 5000K* TW2 = Tunable White 2700K to 6500K* *Specify TW Driver under Options	1C	Circuits 1C = 1 Circuit	Voltage 12 = 120V 27 = 270V 34 = 347V UN = Universal (120V-277V)	Driver Type DM1 = 0-10V dimming with 1-100% range Driver Tunable White Driver: DALI8 = 1-Channel DALI8* TWO = 2-Channel 0-10V* *Tunable White Driver requires choice of TW1 or TW2 in Lamp Color column. See Page 2 to specify system.	Other (Optional) FW = Flex whip (6' std)* CP = Chicago Plenum E-# = Emergency Section** GTD-# = Generator Transfer Device** EL1 = Emergency Battery *Other lengths available; please consult factory. **Specify quantity.	

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: Die-formed 16Ga. aluminum frame painted with an antimicrobial white polyester powder coat finish (unless otherwise specified). Angled recessed frame illuminates the image by raising the SKYLight 3" above standard grid ceiling (15/16").

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: .187" UV-stabilized polycarbonate lens with PositiveCare™ graphic image overlay (consult gallery on website for image options).

LED: Available in four white color temperatures 3000K, 3500K, 4000K, and 5000K (recommended). Other color temperatures available, consult factory. Minimum 50,000 hours with 70% lumen maintenance in a 25°C ambient temperature, compliant with IES LM-80 testing standards.

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

PCSKL22: Input Power 40W

PCSKL24: Input Power 80W

PCSKL44: Input Power 120W

TUNABLE DRIVER OPTIONS:

DALI8 – DALI Type 8 (One DALI Address)

TWO – Two channel 0-10V dimming: one channel for brightness, one channel for CCT

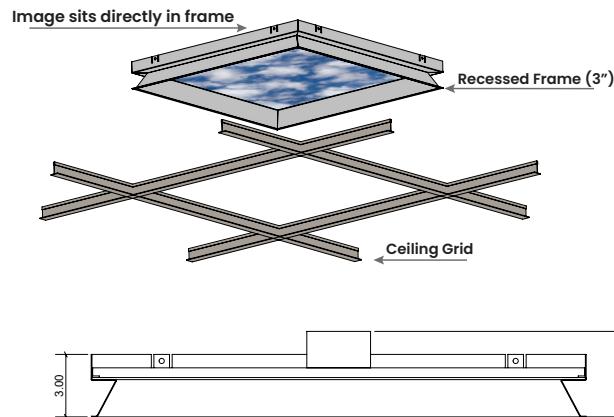
INSTALLATION: Grid installation. Mounting for custom ceilings available, consult factory.

WARRANTY: 5 Year Warranty.

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

DIMENSIONAL DATA

Dimensions based on standard (15/16") Grid.
Must have 4.5" ceiling clearance.



	Frame Size	SKYLight Size (without Driver Box)	Total Height
PCSKL11	11.79" x 11.79" x 3.00"	11.81" x 11.81" x 0.56"	4.11"
PCSKL14	11.79" x 47.75" x 3.00"	11.81" x 47.75" x 0.56"	4.11"
PCSKL22	23.79" x 23.79" x 3.00"	23.62" x 47.75" x 0.56"	4.11"
PCSKL24	23.83" x 47.85" x 3.00"	23.62" x 47.62" x 0.56"	4.11"
PCSKL44	47.85" x 47.85" x 3.00"	47.64" x 47.64" x 0.56"	4.11"



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REMOTE POWER SUPPLY ORDERING INFORMATION

POWER SUPPLY: LED driver included – must be remote mount. Must order Power Supply separately.

MRI room EMI filter required, supplied by others.

Input Power 120V-277V14:

PCSKLMRI14: Input Power 40W

PCSKLMRI22: Input Power 40W

PCSKLMRI24: Input Power 80W

PCSKLMRI44: Input Power 120W

PositiveCare 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.

PCSKLMRI		PS-1/1-P	
Series	SIZE 11 = 1' x 1' 14 = 1' x 4' 22 = 2' x 2' 24 = 2' x 4' 44 = 4' x 4'		Options DM = 0-10V dimming with 1-100% range

CONFIGURATION EXAMPLE

Order quantity based on number of murals, not SKYLite fixtures.

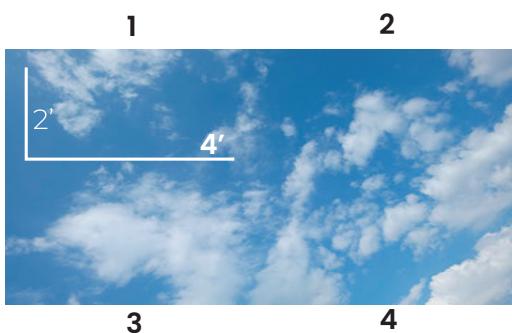
Example: Qty 1: PCSKLMRI24-M484-RT-UN-57 = 1 Mural consisting of 4 (2x4) SKYLite fixtures. Two SKYLite fixtures across (8') and two SKYLite fixtures down (4').

CONFIGURATION EXAMPLE #1
4 8 4 X Y Z

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

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

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



CONFIGURATION EXAMPLE #2
4 4 8 X Y Z

XX = Number of SKYLite fixtures per Mural = 4 (2x4 SKYLite fixtures)

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

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



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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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SPECIFIER ACKNOWLEDGMENT

Contractor acknowledges and understands the requirements of installing New Star Lighting products prior to the installation.

Please sign below before New Star Lighting releases your order.

Signature: _____

Date: _____

Print Name: _____

Project Name: _____

----- See next page for MRI installation registration checklist -----



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MRI INSTALLATION REGISTRATION CHECKLIST

Customer acknowledges that attached Installation Registration Checklist will be provided to the installer to sign and return to New Star Lighting after the installation is complete. **Please fill out this form and return to your New Star Lighting Representative.**

The warranty for your MRI installation will not go into effect until receipt of this signed registration checklist.

I certify that the lighting installation for the listed MRI suite is completed per the provided installation instructions and to the best of my abilities.

Please check off to denote status:

Installation instruction sheet for Remote Power Supply is read and followed.

Remote Power supply is located outside the shielded MRI exam room and grounded.

All dimming signals wiring is located outside the shielded MRI room.

Lighting system fully tested (including dimming operation if applicable) while MRI machine is in idle mode.

Lighting system fully tested (including dimming operation, if applicable) while MRI machine is in scan operation mode with the magnets fully activated.

If any of those steps cannot be completed or you need technical assistance, please contact your New Star Lighting Representative.

Electrical Contractor

Installation site

Name: _____

Project Name: _____

Phone: _____

City / State (Province): _____

Installation date: _____

Send the form to your New Star Lighting Representative.

New Star Lighting Representative: _____

Date: _____



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