

# Scene Photo Graphics

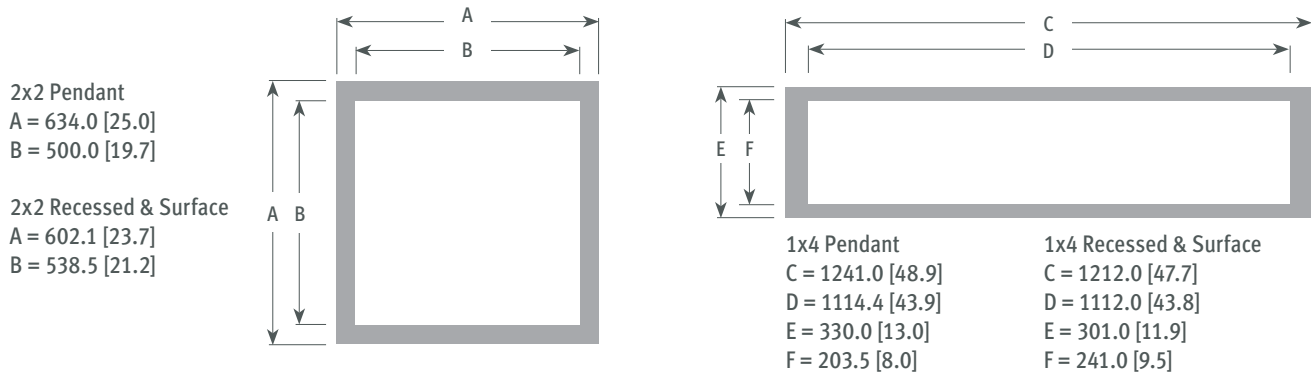
LED SCE & SC EM . Pendant/Surface/Recessed



CAT #:		NOTES:
PREP BY:		
DATE:		
PROJECT:		
TYPE:		

<p><b>PENDANT</b></p>	
<p><b>RECESSED</b></p>	
<p><b>SURFACE</b></p>	

Please see Scene spec sheets at [www.metalumen.com/Products/~Family/3736017/Scene](http://www.metalumen.com/Products/~Family/3736017/Scene) for more cross sections.



**TO CLEAN THE OPTICS:** Gently wipe down the optics with a clean, dry cloth to remove any dust and light residues.  
For heavier smudges, spray clean cloth with mild soap and water solution and gently wipe optics surface.  
**WARNING:** Hard wiping and abrasive cloths will scratch the optics. DO NOT USE cleaning products containing alcohol or acetone which will damage the optics.

FILE NAME: SCENE\_SCE\_LED\_PG\_SPEC\_SHEET      20170210      **APPROVALS:** Signature \_\_\_\_\_ Date \_\_\_\_\_



## ORDERING LOGIC

### PART NUMBER

Part number example: SCE-2L50K-22-G1A-W-L71-P1-1-NR

<b>SCE</b>	<b>2L50K</b>					<b>1</b>				<b>N</b>	
Series/Model	Color Temp	Size	Optics	Configuration <sup>1</sup>	Finish	LL/Driver	Circuitry	Mounting	Voltage	Controls	Driver Loc.

PENDANT	Color Temp	Optics	Configuration <sup>1</sup>	Light Level (LL) /Driver	Mounting	Voltage	Controls
	<b>2L50K</b> = 5000K	<b>G1</b> = Sky	<b>Finish</b>	<b>L7</b> = for 2x2 only	<b>P1</b> = Power Over Aircraft Cable 18"	<b>1</b> = 120 V	<b>N</b> = None
	Size	<b>G2</b> = Ocean Life	<b>W</b> = White	<b>L6</b> = for 1x4 only	<b>P2</b> = Power Over Aircraft Cable 48"	<b>2</b> = 277 V	<b>Driver Location</b>
	<b>22</b> = 2 x 2'	<b>G3</b> = Mountains	<b>C</b> = Custom Finish Specify RAL#:	<b>Circuitry</b>	<b>P3</b> = Power Over Aircraft Cable 60"	<b>3</b> = 347 V (Consult factory)	<b>R</b> = Remote
	<b>14</b> = 1 x 4'	<b>G4</b> = Beach	<b>AM</b> = Anti-microbial White Paint	<b>1</b> = 1 Circuit		<b>4</b> = UNV (120 - 277 V)	<b>RC</b> = Remote Surface Canopy

RECESSED	Color Temp	Optics	Configuration <sup>1</sup>	Light Level (LL) /Driver	Mounting	Voltage	Controls
	<b>2L50K</b> = 5000K	<b>G1</b> = Sky	<b>Finish</b>	<b>L7</b> = for 2x2 only	<b>T</b> = Recessed T-Bar	<b>1</b> = 120 V	<b>N</b> = None
	Size	<b>G2</b> = Ocean Life	<b>W</b> = White	<b>L6</b> = for 1x4 only	<b>D</b> = Recessed Drywall	<b>2</b> = 277 V	<b>Driver Location</b>
	<b>22</b> = 2 x 2'	<b>G3</b> = Mountains	<b>C</b> = Custom Finish Specify RAL#:	<b>Circuitry</b>		<b>3</b> = 347 V (Consult factory)	<b>N</b> = None (Integral)
	<b>14</b> = 1 x 4'	<b>G4</b> = Beach	<b>AM</b> = Anti-microbial White Paint	<b>1</b> = 1 Circuit		<b>4</b> = UNV (120 - 277 V)	<b>R</b> = Remote

SURFACE	Color Temp	Optics	Configuration <sup>1</sup>	Light Level (LL) /Driver	Mounting	Voltage	Controls
	<b>2L50K</b> = 5000K	<b>G1</b> = Sky	<b>Finish</b>	<b>L7</b> = for 2x2 only	<b>S</b> = Surface (Remote Driver)	<b>1</b> = 120 V	<b>N</b> = None
	Size	<b>G2</b> = Ocean Life	<b>W</b> = White	<b>L6</b> = for 1x4 only	<b>SI</b> = Surface Integral (Integral Driver)	<b>2</b> = 277 V	<b>Driver Location</b>
	<b>22</b> = 2 x 2'	<b>G3</b> = Mountains	<b>C</b> = Custom Finish Specify RAL#:	<b>Circuitry</b>	<b>SC</b> = Concrete or metal surface (Integral Driver)	<b>3</b> = 347 V (Consult factory)	No options. Leave space empty.
	<b>14</b> = 1 x 4'	<b>G4</b> = Beach	<b>AM</b> = Anti-microbial White Paint	<b>1</b> = 1 Circuit	Available for vertical or horizontal mounting	<b>4</b> = UNV (120 - 277 V)	

<sup>1</sup> See page 4 for configuration codes. | <sup>2</sup> Customer must provide their own high-res PDF file.

## SPECIFICATIONS

Due to the Continuous Improvement Policy at Metalumen, we reserve the right to change our specifications without notice.

**Housing:** Luminaire body is constructed with 22 gauge cold rolled steel and 20 gauge aluminum, and welded seams.  
**Optical System:** The light emitted from the MetaLED mid-flux LEDs is channeled inside Metalumen's AccuRay® optical plane where a precisely controlled micro dot matrix pattern directs, shapes and distributes the light throughout the material. A high performance optical reflector and diffuser further guide and extract the light with superb efficiency and beam control. Custom graphics must be provided by customer in PDF format.

**CRI:** 83+ (5000K) (80 minimum)  
**Lumen Maintenance:** At an ambient operating temperature of 25°C the LED lifetime expectancy > 60 000hrs at L70.  
**Finish:** The luminaire housing and associated parts are finished in highly reflective, matte powder coat white paint (91% reflectance) or anti-microbial white paint. For custom finish, consult factory.  
**Mounting:** PENDANT: Aircraft cable complete with a Quick-Grip field adjustable suspension system provides for quick and easy onsite alignment. RECESSED: Fits 9/16" and 15/16"

T-Bars. Mounting brackets/clips provided.  
 SURFACE: Mounting brackets provided.  
**Driver:** Metalumen offers dimming drivers as a standard on our entire LED product offering at 0-10V. Dimming is 10%-100% range Power factor is >90% with a Class 2 rating.  
**Light Output:** We recommend using a dimmer to achieve optimal light levels and effect.  
**Options:** Consult factory for Lutron driver options:  
 • **L3DAE** Hi-lume 1% EcoSystem LED Driver  
 • **L3DA3W** Hi-lume 1% 3-wire LED Driver

- **LTEA2W** Hi-lume 1% 2-wire LED Driver
- **LDE1** Hi-lume 1% -H EcoSystem LED Driver
- **LDE5** 5-Series EcoSystem LED Driver
- **FCJ010** EcoSystem to 0-10V Wireless RF

**Approvals:** Certified to NRTL safety and IES Recommendation testing standards. All components are UL/CSA/QPS recognized or listed, RoHS, LM79, LM80 and LM82 compliant.  
**Environment:** Suitable for dry or damp locations.

## ORDERING LOGIC

### PART NUMBER

Part number example: SCEM-2L50K-22-G1A-AM-L71-T-1-NRF

<b>SCEM</b>	<b>2L50K</b>			<b>AM</b>	<b>1</b>			<b>N</b>			
Series/Model	Color Temp	Size	Optics	Configuration <sup>1</sup>	Finish	LL/Driver	Circuitry	Mounting	Voltage	Controls	Options

<b>RECESSED</b>	Color Temp	Optics	Configuration <sup>1</sup>	Circuitry	Voltage	Controls
	<b>2L50K</b> = 5000K	<b>G1</b> = Sky	Finish	<b>1</b> = 1 Circuit	<b>1</b> = 120 V	<b>N</b> = None
	Size	<b>G2</b> = Ocean Life	<b>AM</b> = Anti-microbial White Paint	Mounting	<b>2</b> = 277 V	Options
	<b>22</b> = 2 x 2'	<b>G3</b> = Mountains	Light Level (LL) / Driver <sup>3</sup>	<b>T</b> = Recessed T-Bar	<b>3</b> = 347 V (Consult factory)	<b>RF</b> = Medical Power Line Filter
	<b>14</b> = 1 x 4'	<b>G4</b> = Beach	<b>L7</b> = for 2x2 only	<b>D</b> = Recessed Drywall	<b>4</b> = UNV (120 - 277 V)	<b>N</b> = None
	<b>CG</b> = Custom Graphic <sup>2</sup>	<b>L6</b> = for 1x4 only				

<b>SURFACE</b>	Color Temp	Optics	Configuration <sup>1</sup>	Circuitry	Voltage	Controls
	<b>2L50K</b> = 5000K	<b>G1</b> = Sky	Finish	<b>1</b> = 1 Circuit	<b>1</b> = 120 V	<b>N</b> = None
	Size	<b>G2</b> = Ocean Life	<b>AM</b> = Anti-microbial White Paint	Mounting	<b>2</b> = 277 V	Options
	<b>22</b> = 2 x 2'	<b>G3</b> = Mountains	Light Level/Driver <sup>3</sup>	<b>S</b> = Surface (Remote Driver)	<b>3</b> = 347 V (Consult factory)	<b>RF</b> = Medical Power Line Filter
	<b>14</b> = 1 x 4'	<b>G4</b> = Beach	<b>L7</b> = for 2x2 only	Available for vertical or horizontal mounting	<b>4</b> = UNV (120 - 277 V)	<b>N</b> = None
	<b>CG</b> = Custom Graphic <sup>2</sup>	<b>L6</b> = for 1x4 only				

<sup>1</sup> See page 4 for configuration codes. | <sup>2</sup> Customer must provide their own high-res PDF file. | <sup>3</sup> All drivers remote mounted

## SPECIFICATIONS

Due to the Continuous Improvement Policy at Metalumen, we reserve the right to change our specifications without notice.

**Housing:** Luminaire body is constructed with 100% aluminum with welded seams and stainless steel hardware.  
**Optical System:** The light emitted from the MetalLED mid-flux LEDs is channeled inside Metalumen's AccuRay® optical plane where a precisely controlled micro dot matrix pattern directs, shapes and distributes the light throughout the material. A high performance optical reflector and diffuser further guide and extract the light with superb efficiency and beam control. Custom graphics must be provided by

customer in PDF format.  
**CRI:** 83+ (5000 K) (80 minimum)  
**Lumen Maintenance:** At an ambient operating temperature of 25°C the LED lifetime expectancy > 60 000hrs at L70.  
**Finish:** The luminaire housing and associated parts are finished in highly reflective, matte powder coat white paint (91% reflectance) or anti-microbial white paint. For custom finish, consult factory.  
**Mounting:** RECESSED: Fits 9/16" and 15/16" T-Bars. Mounting brackets/clips provided.

**SURFACE:** Mounting brackets provided.  
**Driver:** Metalumen offers dimming drivers as a standard on our entire LED product offering at 0-10V. Dimming is 10%-100% range Power factor is > 90% with a Class 2 rating. All drivers remote mounted.  
**Light Output:** We recommend using a dimmer to achieve optimal light levels and effect.  
**Options:** Consult factory for Lutron driver options:  
 • **L3DAE** Hi-lume 1% EcoSystem LED Driver  
 • **L3DA3W** Hi-lume 1% 3-wire LED Driver

- **LTEA2W** Hi-lume 1% 2-wire LED Driver
- **LDE1** Hi-lume 1% -H EcoSystem LED Driver
- **LDE5** 5-Series EcoSystem LED Driver
- **FCJ010** EcoSystem to 0-10V Wireless RF

**Approvals:** Certified to NRTL safety and IES Recommendation testing standards. All components are UL/CSA/QPS recognized or listed, RoHS, LM79, LM80 and LM82 compliant.  
**Environment:** Suitable for dry or damp locations.

## MRI COMPLIANCE INFORMATION

**NON-FERROUS COMPONENTS**  
 Due to the strong MRI magnetic force, a projectile effect of over 40mph into the tube can be generated by even small ferrous objects, potentially causing serious injury. Therefore, all MRI fixtures are carefully engineered with non-ferrous materials. Housings made from aluminum extrusion, internal parts are built from aluminum or plastics, all hardware are from SS.

**MAGNETIC TESTING**  
 Prior to shipment, all assembled luminaires are tested for trace magnetic properties with a hand-held bar magnet to ensure no ferrous materials exist.  
**REMOTE MOUNTING**  
 All MRI compliant luminaires are to have remote mounted drivers due to the steel components used in building the LED drivers.

In an LED configuration, the electricity going from the driver to the fixture is Direct Current (DC) which further reduces the chance of interference.  
**ELECTRONIC NON-INTERFERENCE**  
 Luminaires meet the most stringent requirements for electromagnetic compatibility. MRI machines emit powerful radio frequency pulses and imaging may be


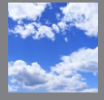









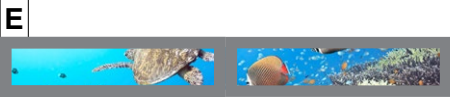




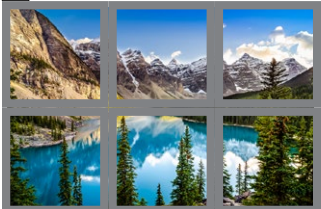


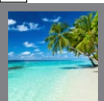


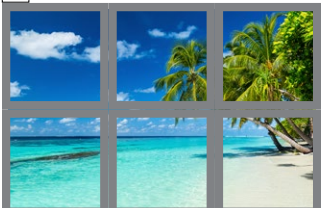

compromised by electronics interference within the area. All fixtures should not interfere with, nor should they be susceptible to, these frequencies. An RF filter can be utilized to eliminate interference.

# Scene Photo Graphics LED SCE Series . Pendant/Surface/Recessed

## PHOTO GRAPHICS & CONFIGURATION CODES

Part number example: SCE-2L50K-22-**G1** **A**-W-L71-P1-1-NR

Photo Graphic Code ↑ ↑ Configuration Code

PHOTOGRAPHIC CODE	CONFIGURATION CODE
<p><b>G1</b></p> 	<div style="display: flex; justify-content: space-around;"> <div style="text-align: center;"> <p><b>A</b></p>  </div> <div style="text-align: center;"> <p><b>B</b></p>  </div> <div style="text-align: center;"> <p><b>D</b></p>  </div> <div style="text-align: center;"> <p><b>F</b></p>  </div> </div> <div style="margin-top: 10px;"> <p><b>E</b></p>  </div> <div style="margin-top: 10px; border: 1px solid black; padding: 5px;"> <p><b>C</b></p> <p><b>CUSTOM CONFIGURATION</b> Consult factory for custom configurations</p> </div>
<p><b>G2</b></p> 	<div style="display: flex; justify-content: space-around;"> <div style="text-align: center;"> <p><b>A</b></p>  </div> <div style="text-align: center;"> <p><b>B</b></p>  </div> <div style="text-align: center;"> <p><b>D</b></p>  </div> <div style="text-align: center;"> <p><b>F</b></p>  </div> </div> <div style="margin-top: 10px;"> <p><b>E</b></p>  </div> <div style="margin-top: 10px; border: 1px solid black; padding: 5px;"> <p><b>C</b></p> <p><b>CUSTOM CONFIGURATION</b> Consult factory for custom configurations</p> </div>
<p><b>G3</b></p> 	<div style="display: flex; justify-content: space-around;"> <div style="text-align: center;"> <p><b>A</b></p>  </div> <div style="text-align: center;"> <p><b>B</b></p>  </div> <div style="text-align: center;"> <p><b>D</b></p>  </div> <div style="text-align: center;"> <p><b>F</b></p>  </div> </div> <div style="margin-top: 10px;"> <p><b>E</b></p>  </div> <div style="margin-top: 10px; border: 1px solid black; padding: 5px;"> <p><b>C</b></p> <p><b>CUSTOM CONFIGURATION</b> Consult factory for custom configurations</p> </div>
<p><b>G4</b></p> 	<div style="display: flex; justify-content: space-around;"> <div style="text-align: center;"> <p><b>A</b></p>  </div> <div style="text-align: center;"> <p><b>B</b></p>  </div> <div style="text-align: center;"> <p><b>D</b></p>  </div> <div style="text-align: center;"> <p><b>F</b></p>  </div> </div> <div style="margin-top: 10px;"> <p><b>E</b></p>  </div> <div style="margin-top: 10px; border: 1px solid black; padding: 5px;"> <p><b>C</b></p> <p><b>CUSTOM CONFIGURATION</b> Consult factory for custom configurations</p> </div>