SCENE PHOTO GRAPHICS

SCE . LED . DIRECT

PART #:	
PREP BY:	DATE:
PROJECT:	QTY:
NOTES:	
APPROVAL SIGNATURE:	DATE (DD/MM/YYYY):
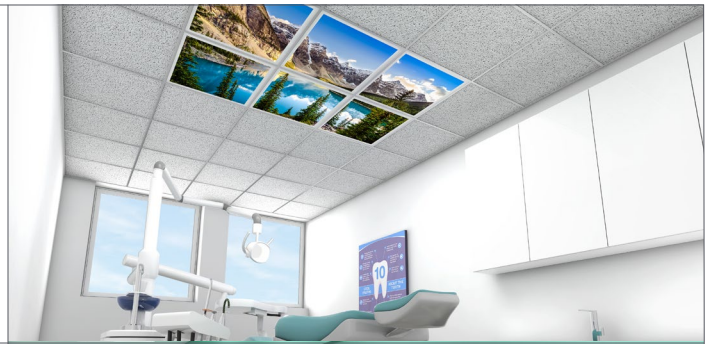
- Specification grade edgelit light guide luminaire
- Four standard graphics to choose from
- Various configuration patterns
- Pendant with power over aircraft cable, recessed and surface mount options

5 YEAR WARRANTY | c(UL)us LISTED | E360888 Recessed E360886 Surface | E488140 All mountings (Remote Driver) | CCEA APPROVED CHICAGO PLENUM | DAMP
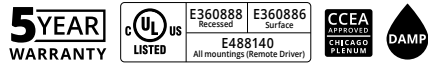
ORDERING LOGIC

Example Part Number: SCE-2L50K-22-G1A-W-L41-P1-1-NR

SCE	2L50K					L4	1				
1	2	3	4 & 5		6	7	8	9	10	11	12

PENDANT

1. SERIES	4. OPTICS & 5. CONFIGURATION		6. FINISH	7. LIGHT LEVEL / DRIVER	9. MOUNTING	10. VOLTAGE	11. CONTROLS
SCE	**G1** Sky		**W** White	**L4** 3269 lm (2x2) 5498 lm (1x4)	**P1** Power Over Aircraft Cable 18"	**1** 120 V	**N** None
2. COLOR TEMP	**G2** Ocean Life	See pages 5–8 for complete Configuration Codes	**AM** Antimicrobial White Paint		**P2** Power Over Aircraft Cable 48"	**2** 277 V	
2L50K 5000K	**G3** Mountains			**8. CIRCUITRY**		**3** 347 V²	**12. DRIVER LOCATION**
3. SIZE	**G4** Beach		**C** Custom Finish Specify RAL:	**1** 1 Circuit	**P3** Power Over Aircraft Cable 60"	**4** UNV (120 – 277 V)	**R** Remote
22 2 x 2 ft **14** 1 x 4 ft	**CG** Custom Graphic¹						

RECESSED

1. SERIES	4. OPTICS & 5. CONFIGURATION		6. FINISH	7. LIGHT LEVEL / DRIVER	9. MOUNTING	10. VOLTAGE	11. CONTROLS
SCE	**G1** Sky		**W** White	**L4** 3269 lm (2x2) 5498 lm (1x4)	**T** Recessd T-bar	**1** 120 V	**N** None
2. COLOR TEMP	**G2** Ocean Life	See pages 5–8 for complete Configuration Codes	**AM** Antimicrobial White Paint			**2** 277 V	
2L50K 5000K	**G3** Mountains			**8. CIRCUITRY**	**D** Recessed Drywall	**3** 347 V²	**12. DRIVER LOCATION**
3. SIZE	**G4** Beach		**C** Custom Finish Specify RAL:	**1** 1 Circuit		**4** UNV (120 – 277 V)	**N** None (Integral)
22 2 x 2 ft **14** 1 x 4 ft	**CG** Custom Graphic¹						**R** Remote

SURFACE

1. SERIES	4. OPTICS & 5. CONFIGURATION		6. FINISH	7. LIGHT LEVEL / DRIVER	9. MOUNTING	10. VOLTAGE	11. CONTROLS
SCE	**G1** Sky		**W** White	**L4** 3269 lm (2x2) 5498 lm (1x4)	**S** Surface (Remote Driver)	**1** 120 V	**N** None
2. COLOR TEMP	**G2** Ocean Life	See pages 5–8 for complete Configuration Codes	**AM** Antimicrobial White Paint		**SI** Surface Integral (Integral Driver)	**2** 277 V	
2L50K 5000K	**G3** Mountains			**8. CIRCUITRY**		**3** 347 V²	**12. DRIVER LOCATION**
3. SIZE	**G4** Beach		**C** Custom Finish Specify RAL:	**1** 1 Circuit	**SC** Concrete or Metal Surface (Integral Driver)	**4** UNV (120 – 277 V)	No options. Leave space empty.
22 2 x 2 ft **14** 1 x 4 ft	**CG** Custom Graphic¹						

*Please note Light Level Codes have been updated in accordance with UL certification standards. | **1** Customer must provide their own high-res PDF file. | **2.** Consult factory
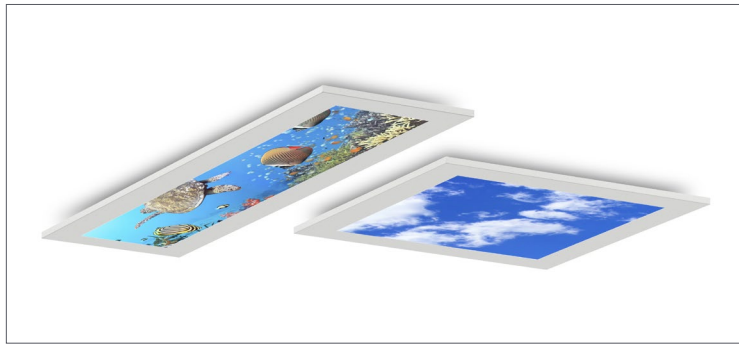
Select Driver:
- ☐ Factory option 0-10V, 1% Dimming
- ☐ **D2** DALI
- ☐ **LHE** Lutron H-Series Hi-lume 1% EcoSystem LED Driver
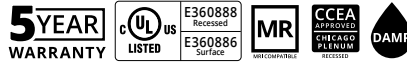- ☐ **L5E** Lutron 5-Series EcoSystem LED Driver

570 Southgate Drive, Guelph, Ontario N1G 4P6
Mailing Address: P.O. Box 1779 Guelph, Ontario, N1H 6Z9
1.800.621.6785 | T 519.822.4381 | www.metalumen.com

Page **1** of **8**

FILE NAME: SCENE_PG_SPEC_SHEET_20240913

SCENE PHOTO GRAPHICS

SCEM (MEDICAL) . LED . DIRECT
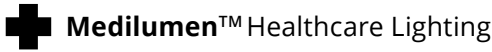
✚ **Medilumen**™ Healthcare Lighting

PART #:		
PREP BY:		DATE:
PROJECT:		QTY:
NOTES:		
APPROVAL SIGNATURE:		DATE (DD/MM/YYYY):

- Specification grade edgelit light guide luminaire
- Four standard graphics to choose from
- Various configuration patterns
- Recessed and surface mount options
- Remote driver

5 YEAR WARRANTY | c(UL)us LISTED | E360888 Recessed / E360886 Surface | MR MR-COMPATIBLE | CCEA APPROVED CHICAGO PLENUM RECESSED | DAMP

ORDERING LOGIC

Example Part Number: SCEM-2L50K-22-G1A-AM-L41-T-1-NN

SCEM	2L50K				AM	L4	1				
1	2	3	4 & 5		6	7	8	9	10	11	12

1. SERIES	4. OPTICS & 5. CONFIGURATION		6. FINISH	7. LIGHT LEVEL* / DRIVER²	9. MOUNTING	10. VOLTAGE	11. CONTROLS
SCE	**G1** Sky	See pages 5–8 for complete Configuration Codes	**AM** Antimicrobial White Paint	**L4** 3269 lm (2x2) 5498 lm (1x4)	**T** Recessed T-bar	**1** 120 V	**N** None
2. COLOR TEMP	**G2** Ocean Life				**D** Recessed Drywall	**2** 277 V	
2L50K 5000K	**G3** Mountains			**8. CIRCUITRY**	**S** Surface Available for vertical or horizontal mounting	**3** 347 V³	**12. OPTIONS**
3. SIZE	**G4** Beach			**1** 1 Circuit		**4** UNV (120 – 277 V)	**N** None
22 2 x 2 ft	**CG** Custom Graphic¹						**RF** Medical Power Line Filter (Remote)
14 1 x 4 ft							

*Please note Light Level Codes have been updated in accordance with UL certification standards. | 1 Customer must provide their own high-res PDF file. | 2 All drivers remote mounted. | 3 Consult factory.

Select Driver:
- ☐ Factory option 0-10V, 1% Dimming
- ☐ **D2** DALI
- ☐ **LHE** Lutron H-Series Hi-lume 1% EcoSystem LED Driver
- ☐ **L5E** Lutron 5-Series EcoSystem LED Driver

M Metalumen

570 Southgate Drive, Guelph, Ontario N1G 4P6
Mailing Address: P.O. Box 1779 Guelph, Ontario, N1H 6Z9
1.800.621.6785 | T 519.822.4381 | www.metalumen.com

Page **2** of **8**
FILE NAME: SCENE_PG_SPEC_SHEET_20240913
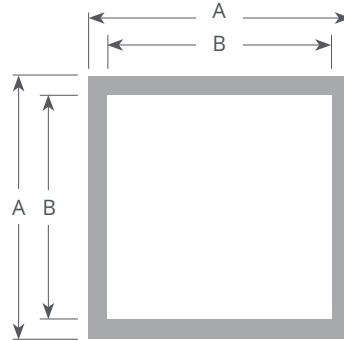
DIMENSIONS
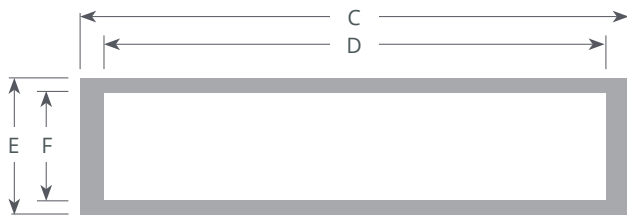
1x4 Pendant

C = 1241.0 [48.9]
D = 1114.4 [43.9]
E = 330.0 [13.0]
F = 203.5 [8.0]

1x4 Recessed & Surface

C = 1212.0 [47.7]
D = 1112.0 [43.8]
E = 301.0 [11.9]
F = 241.0 [9.5]

2x2 Pendant
A = 634.0 [25.0]
B = 500.0 [19.7]
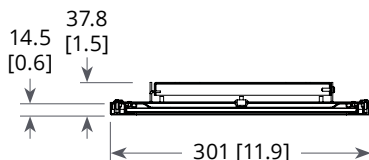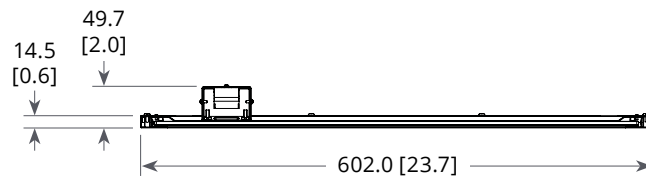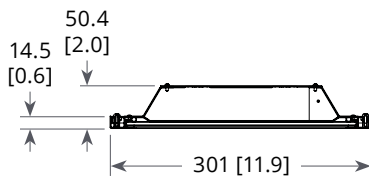
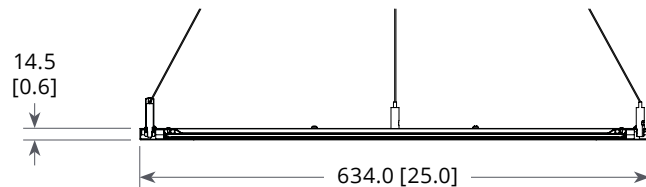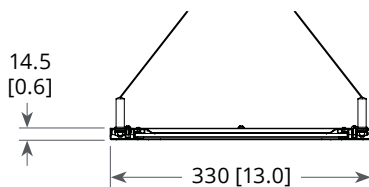**2x2 Recessed & Surface**
A = 602.1 [23.7]
B = 538.5 [21.2]

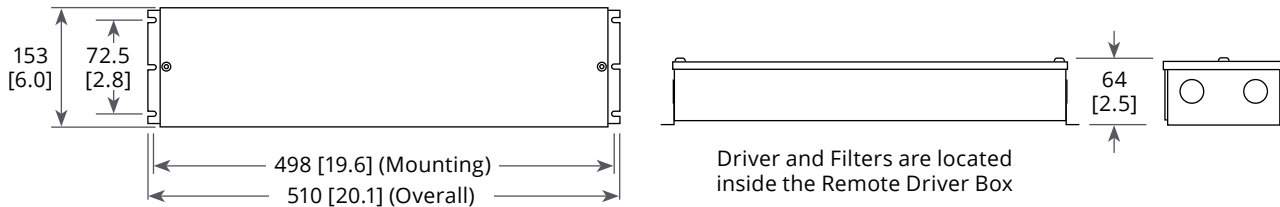## CROSS SECTIONS

Width & Height

Overall height will vary due to hanger/mounting components and driver boxes. More detailed cross sections are available in the standard SCENE Spec Sheets at https://www.metalumen.com/product-family/scene/

1x4

14.5 [0.6]
330 [13.0]

50.4 [2.0]
14.5 [0.6]
301 [11.9]

37.8 [1.5]
14.5 [0.6]
301 [11.9]

2x2

14.5 [0.6]
634.0 [25.0]

49.7 [2.0]
14.5 [0.6]
602.0 [23.7]

37.8 [1.5]
14.5 [0.6]
602.0 [23.7]

Metalumen

570 Southgate Drive, Guelph, Ontario N1G 4P6
Mailing Address: P.O. Box 1779 Guelph, Ontario, N1H 6Z9
1.800.621.6785 | T 519.822.4381 | www. metalumen.com

Page **3** of **8**
FILE NAME: SCENE_PG_SPEC_SHEET_20240913

Remote Driver Box

153 [6.0]   72.5 [2.8]

498 [19.6] (Mounting)
510 [20.1] (Overall)

64 [2.5]

Driver and Filters are located inside the Remote Driver Box

Light Level	Driver Qty.	Driver Current (mA)	Fixture Length	Distance in feet / Wire Gauge					
				22 Ga.	20 Ga.	18 Ga.	16 Ga.	14 Ga.	12 Ga.
L1	1	700	2x2	13	42	67	107	170	280
L2	1	1050	2x2	8	28	45	71	113	180
L3	1	1200	2x2	7	25	39	62	99	157
L4	1	1400	2x2	6	21	34	53	85	135

Remote Driver Mounting Maximum Wire Length

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 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)

Consult factory for 90+ CRI.

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 antimicrobial 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.

Drivers: Metalumen offers dimming* drivers as a standard on our entire LED product offering at 0-10V. Dimming range is 1%-100%. Power factor is > 90%. Class 2 rating. Driver location is contingent on the product model, mounting, or an optional location selected by customer in the Ordering Logic.

RFI Filter: The noise suppression filter provides exceptional suppression of broadband, common mode, and differential mode noise across a wide frequency range, ensuring stable, interference-free power converter operation. Effective above 30kHz, it

adapts dynamically to operational conditions, reducing harmonics and mitigating high-frequency parasitics for optimal performance. When installed, the RFI filter is placed inside a remote driver box.

Approvals: All components are UL/CSA/QPS recognized or listed. This product is cULus listed. RECESSED: Plenum - CCEA approved.

Environment: Suitable for dry or damp locations.

Standard drivers compatible with passive/sinking dimmers. Please contact Metalumen if active/sourcing dimmer support is required.

CLEANING INSTRUCTIONS

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.
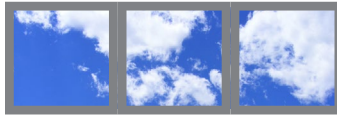
WARRANTY

Metalumen will warrant defective luminaires for 5 years from date of purchase. Warranty is valid if luminaire is installed and used according to specification. If defective, Metalumen will send replacement boards or drivers at no cost along with detailed replacement instructions and instructions on how to return defective components to Metalumen.

570 Southgate Drive, Guelph, Ontario N1G 4P6
Mailing Address: P.O. Box 1779 Guelph, Ontario, N1H 6Z9
1.800.621.6785 | T 519.822.4381 | www. metalumen.com

Page **4** of **8**
FILE NAME: SCENE_PG_SPEC_SHEET_20240913

PHOTO GRAPHICS & CONFIGURATION CODES | **SKY**

G1A

G1C

G1D

G1B

G1F

G1G

G1E

G1H

G1I

G1J

G1K

G1L

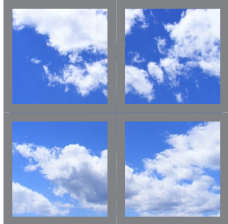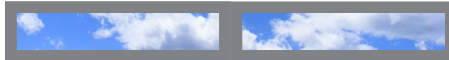**G1M**

SKY CUSTOM
CONFIGURATION
Consult factory for
custom configurations.

PHOTO GRAPHICS & CONFIGURATION CODES | OCEAN LIFE
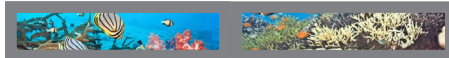
G2A

G2C

G2D

G2B

G2F

G2G

G2E

G2H

G2I

G2J

G2K

G2M

OCEAN LIFE CUSTOM
CONFIGURATION
Consult factory for
custom configurations.

G2L

570 Southgate Drive, Guelph, Ontario N1G 4P6
Mailing Address: P.O. Box 1779 Guelph, Ontario, N1H 6Z9
1.800.621.6785 | T 519.822.4381 | www. metalumen.com

Page **6** of **8**

FILE NAME: SCENE_PG_SPEC_SHEET_20240913

PHOTO GRAPHICS & CONFIGURATION CODES | MOUNTAINS

G3A

G3C

G3D

G3B

G3F
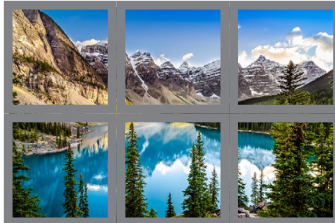
G3G

G3E

G3H

G3I

G3J

G3K
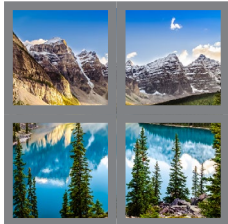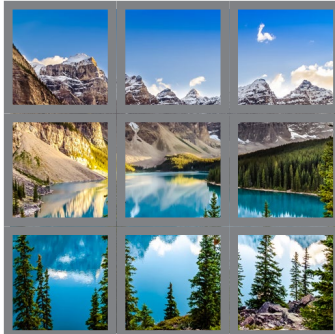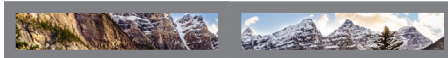
G3M

MOUNTAINS CUSTOM
CONFIGURATION
Consult factory for
custom configurations.

G3L

Metalumen

570 Southgate Drive, Guelph, Ontario N1G 4P6
Mailing Address: P.O. Box 1779 Guelph, Ontario, N1H 6Z9
1.800.621.6785 | T 519.822.4381 | www. metalumen.com

Page **7** of **8**

FILE NAME: SCENE_PG_SPEC_SHEET_20240913

PHOTO GRAPHICS & CONFIGURATION CODES | **BEACH**

G4A

G4C

G4D

G4B
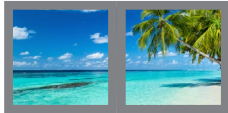
G4F

G4G

G4E
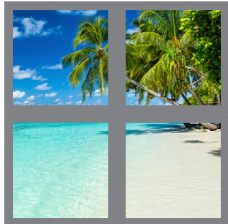
G4H

G4I

G4J

G4K

G4L

G4M

BEACH CUSTOM
CONFIGURATION
Consult factory for
custom configurations.

570 Southgate Drive, Guelph, Ontario N1G 4P6
Mailing Address: P.O. Box 1779 Guelph, Ontario, N1H 6Z9
1.800.621.6785 | T 519.822.4381 | www.metalumen.com

Page **8** of **8**

FILE NAME: SCENE_PG_SPEC_SHEET_20240913