

# Special Application

Kleenseal LED KTR 100

Recessed cleanroom 4,000 to 13,000 lumens



Alkco's Kleenseal KTR 100 LED recessed is a cleanroom luminaire designed and well suited for all healthcare spaces, providing quality light.

Project:	
Location:	
Cat.No:	
Туре:	
Lamps:	Qty:
Notes:	

### **Ordering guide**

### Example: K12490L840G6AP3USSD

Family	Size	Lumens	CRI/CCT	Ceiling Type	Door Frame	Lens Type	Voltage	Options
K1					6		_	
K1 Kleenseal KTR100	14 1x4 22 2x2 24 2x4	40L 4,000 nominal delivered lumens (1x4, 2x2) 60L 6,000 nominal delivered lumens (1x4, 2x2) 64L 6,400 nominal delivered lumens (2x4) 75L 7,500 nominal delivered lumens (2x4) 87L 8,700 nominal delivered lumens (2x4) 90L 9,000 nominal delivered lumens (2x4) 110L 11,000 nominal delivered lumens (2x4) 130L13,000 nominal delivered lumens (2x4)	835 3500K (CRI 80) 840 4000K (CRI 80) 850 5000K (CRI 80)	G 1",1-1/2" Grid T 2G 2" Grid T F Flange	6 Aluminum 4-piece flush white	AP3 .125" acrylic prismatic  Other lenses available	U Universal voltage, 120-277V 1 120V 2 277V	DN Lens furnished prisms down SSD Stainless steel inset door EMLED' 10W batter pack

### **General Notes**

Many luminaire components, such as reflectors, refractors, lenses, sockets, lampholders, and LEDs are made from various types of plastics which can be adversely affected by airborne contaminants. If sulfur based chemicals, petroleum based products, cleaning solutions, or other contaminants are expected in the intended area of use, consult factory for compatibility.

### **Predicted L70 Lifetime**

 $25^{\circ}\text{C}$  ambient >100,000 hours (based upon LED manufacturer's supplied LM-80 data and in-situ laboratory testing).









# K1 Kleenseal LED KTR100 recessed

Cleanroom luminaire, 4,000, 6,000, 9,000, 11,000, or 13,000 lumens

### **Standards**

· Certified to meet UL 1598 standards for wet location.

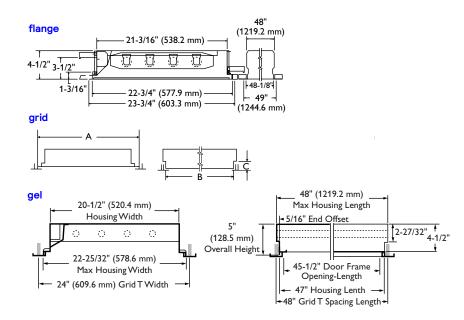
#### Construction/Finish

- Sealed aluminum housing resists corrosion and is lightweight which speeds installation.
- Fits 1", 1-1/2", 2", and Tall 2" grid or flange mountings.
- Top and end 1/2" conduit K.O.s for easy thru wiring.
- · Seismic support mounting is standard.
- · Removable sealed wiring access plate.
- · Door is secured to housing with captive stainless steel screws.
- Door frame is retained to housing when opened for safety and ease during re-lamping.
- .125" prismatic acrylic lens is silicone sealed to flush aluminum door frame.
- · Class 100-100,000 cleanrooms.

## **Energy Table**

Lumens	Watts	Efficiency		
40L	43	93 lm/W		
68L	68	100 lm/W		
75L	77	97 lm/W		
87L	85	102 lm/W		
90L	86	104 lm/W		
110L	105	105 lm/W		
130L	125	104 lm/W		

#### **Dimensions**



Note: For technical information or codes and classifications, see PDFs Tech1-Tech5 online.

Ceiling Opening Flange Type

1X4 10-3/4" X 48-1/8" 2X2 22-3/4" X 24-1/8"

**2X4** 22-3/4" x 48-1/8"

 Grid Type
 A
 B
 C

 1" or 1-1/2" Grid
 23-3/4" (603.3 mm) 47-3/4" (1212.9 mm)
 1-11/16"

 2" Grid
 23-3/4" (603.3 mm) 47" (1194 mm)
 1-11/16"



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Signify North America Corporation 400 Crossing Blvd, Suite 600 Bridgewater, NJ 08807 Telephone 800-555-0050 Signify Canada Ltd. 281 Hillmount Road, Markham, ON, Canada L6C 2S3 Telephone 800-668-9008

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