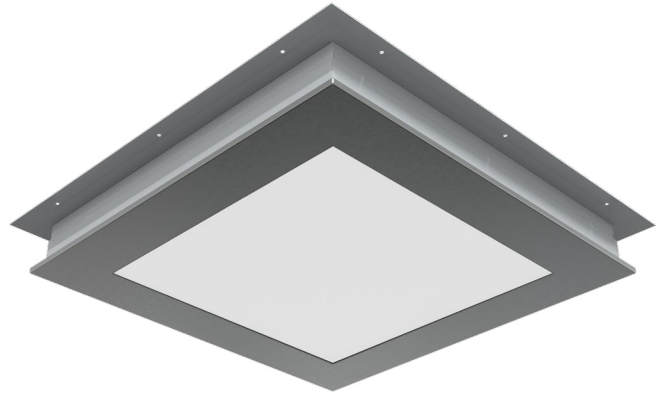# Top Access **Cleanroom Walkable Luminaire: KL-WALKF-LED**

1x4, 2x2, 2x4 RECESSED LUMINAIRE WITH TOP ACCESS FOR 2" - 3" WALKABLE CEILINGS

- **Recessed top access design for walkable ceilings**
- **Designed to withstand a direct static load of 840lbs (intended to be walked on)**
- **Flush top access design eliminates tripping hazard on service side of ceiling**
- **Field adjustable to accommodate 2" to 3" thick walkable ceilings**
- **Door frame does has easy clean construction with no exposed fasteners**
- **Suitable for installation into ISO3 through ISO9 Cleanrooms**
- **Top cover is removable without breaking seal on environmental side**
- **B.A.A. & B.A.B.A Compliant & Made in the USA by a Family Owned US Corporation**

ORDERING GUIDE

Series	Series	Size	RQ	LED Type	CCT/CRI	Voltage	Optics	Options
KL-WALKF						**UNV**		

Series	Lens Frame Material	Size	Light Source			Voltage	Optics	Options
			Row Qty	LED Type	CCT/CRI			
KL-WALKF	**1** CRS Hsg; CRS Frame		**2**	**LEDR** = Low Output	**835** = 80 CRI; 3500K	**UNV** 120-277VAC	**FROST** 1/8" Frost Acrylic Lens	**FC** Fuse + Fuse Holder
	2 CRS Hsg; SS Frame			**LEDH** = High Output	**840** = 80 CRI; 4000K		**P12ACR** 1/8" Prismatic Acrylic (Inverted)	**EM10** Remote 10W Battery
		1x4 1' x 4 'Housing			**850** = 80 CRI; 5000K		**LEX** 1/8 Prismatic Polycarbonate (Inverted)	**EM20** Remote 20W Battery
			3		**935** = 90 CRI; 3500K		**TG** 5/32" Prismatic Tempered Glass (Inverted)	**10KV** 10KV Parallel Surge Protection
		2x2 2' x 2'Housing	**2**		**940** = 90 CRI; 4000K		**2DBW** 1/8" Flat Diffused Acrylic With Bi-Directional Batwing Distribution	**PxL** Program To User Specified Lumens
		OR	**4**		**950** = 90 CRI; 5000K		**GH85** 1/8" Flat Diffused Acrylic With Glare Suppression Distribution	**PxW** Program To User Specified Watts
		2x4 2' x 4' Housing	**6**					**AMW** Anti-Microbial Powdercoat
								LCORD 2 Pc Locking Cordset (Provide Specs)
								FZNC NSF2 Food Zone Non Contact
								WHT White Finished Door & Hsg

*Note P12ACR lens will be provided when no optics are selected

*Must specify luminaire quantity in each row

Ordering Notes, If Applicable

Top Access **Cleanroom Walkable Luminaire: KL-WALKF-LED**

1x4, 2x2, 2x4 RECESSED LUMINAIRE WITH TOP ACCESS FOR 2" - 3" WALKABLE CEILINGS

SPECIFICATIONS

TOP COVER: Constructed of 14ga steel with reinforcement braces to withstand intentional walk on loads up to 840lbs without damage to the luminaire. The top cover is the removable and replaceable from the service side of the walkable ceiling and has all of the electronic components.

HOUSING: Sturdy 14ga steel housing is designed to support the load onf the top cover while additionally clamping the ceiling with the door frame. Field adjustable design allows for installation into ceilings ranging from 2" to 3" thickness available in nominal 1x4, 2x2, & 2x4 sizes.

DOOR FRAME: Door frame is the only exposed component on the environmental side of the ceiling. The door frame secures from the service side of the ceiling and clamps the ceiling with the housing. Die formed 1 piece construction without exposed fasteners allows for a smooth and easily cleanable design.

OPTICS: Standard P12 prismatic acrylic lens is provided when no other options are selected. All prismatic lensing options come with an inverted lens so the smooth side faces the room for easy cleaning. All optics are sealed to the door with NSF listed RTV silicone sealant. Other optics are available, consult factory for more information
or options not listed.

FINISH: Stainless steel door frames are satin polished unless WHT or AMW options are selected. All other materials are provided with gloss high reflectance white polyester powdercoat with 1000hr salt spray test per ASTM B117. AMW option provides a white anti-microbial polyester powder coat to all exposed surfaces.

ELECTRONICS: Commercially available in a wide variety of Color Temperature (CCT), FLUX, and CRI. Highly efficient and consistent color maintained to 3 SDMC for color critical applications. B50/L70 and compliant with Zhaga recognized hole patterns. Drivers are class 2 UL Listed and factory programmable. The factory programmable 0-10v 5% dimming power supplies are intended for industrial applications and come with built in 6kv surge protection. Consult factory for options not listed on spec sheet for availability.

LISTINGS & PERFORMANCE: IP66 rated for dust and water ingress & suitable for 1700 PSI high pressure hoedowns. Suitable for use in ISO3-9 Cleanrooms. Designed and constructed to adhere to NSF2 splash zones and UL1598 wet location standard requirements. Drivers and LEDs are covered by a 5 year warranty, the remaining fixture is covered by a 10 year warranty. This product Series is both Build America Buy America (B.A.B.A.) & Buy American Act (B.A.A.) compliant. a prismatic acrylic lens, see options for other available lensing. Available in powdercoated CRS or polished stainless steel.

ENERGY DATA

SIZE	SOURCE	CRI	EST. LUMENS	WATTS	EFFICACY
1X4	2	LEDR	4,539	36.6	124
1X4	3	LEDR	6,808	53.1	128
1X4	2	LEDH	6,827	52.3	131
1X4	3	LEDH	10,241	76.7	134

SIZE	SOURCE	CRI	EST. LUMENS	WATTS	EFFICACY
2X2	2	LEDR	2,269	20.3	112
2X2	2	LEDH	4,516	36.6	123
2X2	4	LEDR	4,539	36.6	124
2X2	6	LEDR	6,808	53.1	128
2X2	4	LEDH	9,031	69.6	130
2X2	6	LEDH	13,547	103	132

SIZE	SOURCE	CRI	EST. LUMENS	WATTS	EFFICACY
2X4	2	LEDR	4,539	36.6	124
2X4	2	LEDH	6,827	52.3	131
2X4	4	LEDR	9,077	69.6	130
2X4	6	LEDR	13,615	103	132
2X4	4	LEDH	13,655	101.4	135
2X4	6	LEDH	20,482	153.7	133

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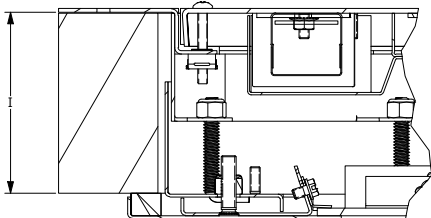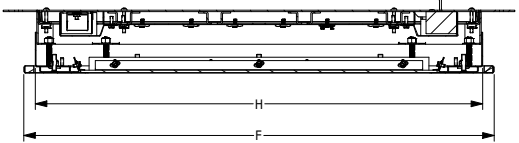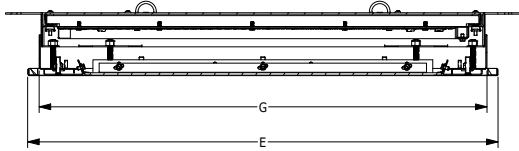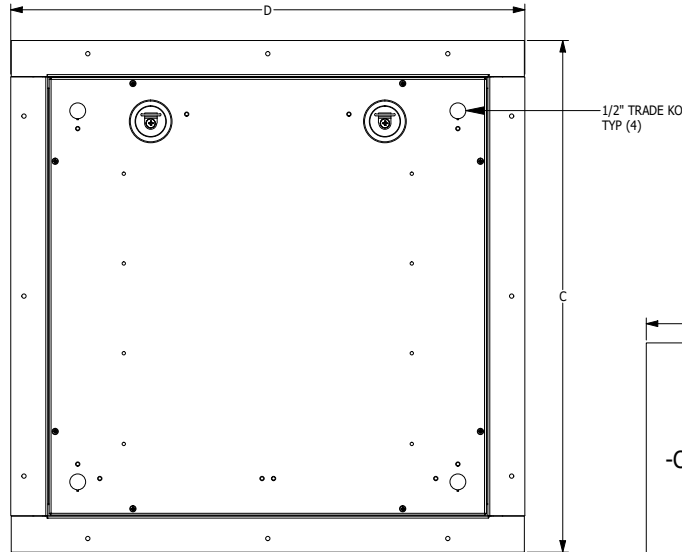
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PRODUCT DRAWINGS
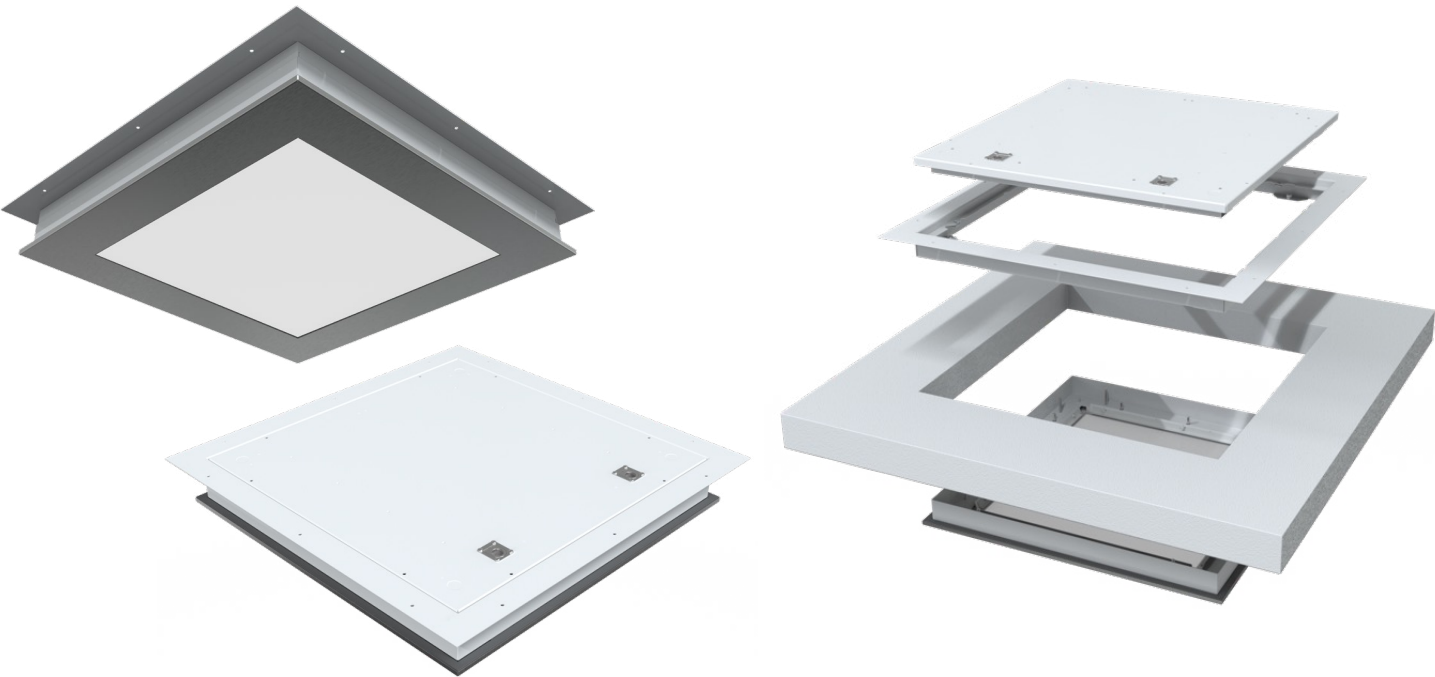
DIMENSIONAL DATA

KL-WALKF LED REFERENCE DIMENSIONS									
SIZE	A	B	C	D	E	F	G	H	I
KL-WALKF 1X4	13.63"	49.31"	16.92"	52.75"	50.35"	14.69"	49.09"	13.44"	2.00" - 3.00"
KL-WALKF 2X2	25.06"	25.06"	28.38"	28.58"	26.13"	26.13"	24.88"	24.88"	2.00" - 3.00"
KL-WALKF 2X4	25.06"	49.31"	28.38"	52.75"	50.35"	26.13"	49.09"	24.88"	2.00" - 3.00"

1/2" TRADE KO TYP (4)

-CEILING CUTOUT-

INSTALLATION DETAIL