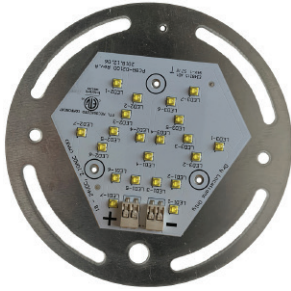




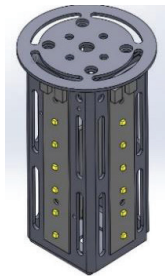
GENPRO

ADVANCED TECHNOLOGIES

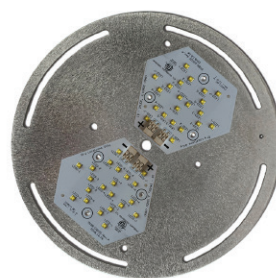
UNIVERSAL RETROFIT KITS



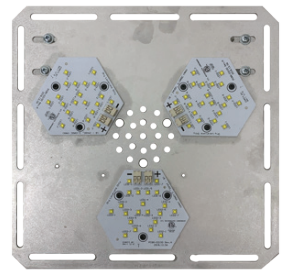
UKIT-H021-35W



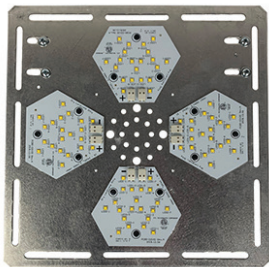
UKIT-L024-40W



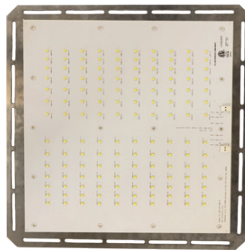
UKIT-H042-69W



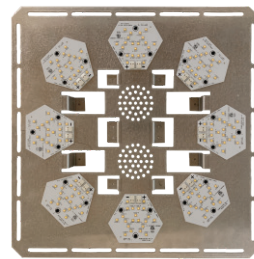
UKIT-H063-104W



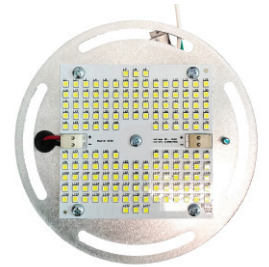
UKIT-H084-139W



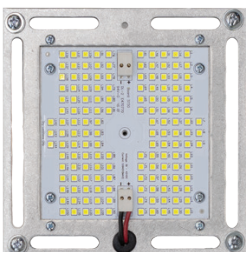
UKIT-R140-221W



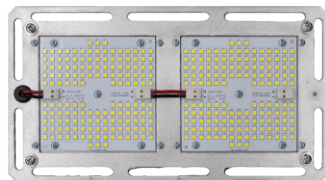
UKIT-S150-35W-RD



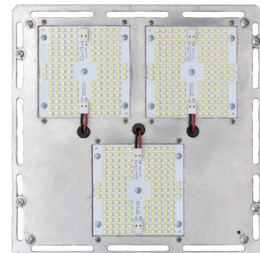
UKIT-S150-35W-SQ



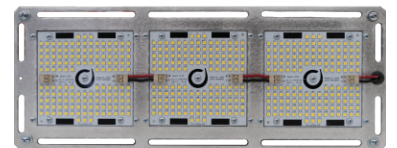
UKIT-S150-35W-SQ



UKIT-S300-65W



UKIT-S450-98W-SQ



UKIT-S450-98W-RT



GENPRO

ADVANCED TECHNOLOGIES
13261 Timberline Plaza, Suite A
Piedmont, SD 57769



FOR MORE INFORMATION AND PRODUCT SUPPORT, CONTACT GENPRO ADVANCED TECHNOLOGIES, LLC AT 800-465-1286
OR VISIT WWW.GENPROTECH.COM, OR EMAIL US AT INFO@GENPROTECH.COM
COPYRIGHT GENPRO ADVANCED TECHNOLOGIES

ELECTRICAL CHARACTERISTICS

INPUT VOLTAGE				120-277VAC, 50/60 Hz			
DIMMING CAPABILITY				0-10V Dimming			
POWER FACTOR				> 0.9			
TOTAL HARMONIC DISTORTION (THD)				< 20%			
LED TYPE	LUMENS	POWER	EFFICACY	CRI	COLOR TEMP	BEAM ANGLE	REPLACES
H021	4500	35W	128 Lm/W	≥70	3000K, 4000K, 5000K	120°	50W-175W
L024	4200	40W	105 Lm/W	≥70	3000K, 4000K, 5000K	120°	65W-120W
H042	8800	69W	128 Lm/W	≥70	3000K, 4000K, 5000K	120°	100W-300W
H063	13300	104W	128 Lm/W	≥70	3000K, 4000K, 5000K	120°	150W-400W
H084	17800	139W	128 Lm/W	≥70	3000K, 4000K, 5000K	120°	200W-525W
R140	28200	221W	128 Lm/W	≥70	3000K, 4000K, 5000K	120°	400W-1000W
H168	34690	271W	128 Lm/W	≥70	3000K, 4000K, 5000K	120°	500W-1200W
S150	5000	35W	143 Lm/W	≥80	3000K, 4000K, 5000K	120°	75W-220W
S300	10000	65W	154 Lm/W	≥80	3000K, 4000K, 5000K	120°	150W-350W
S450	15000	98W	153 Lm/W	≥80	3000K, 4000K, 5000K	120°	200W-450W

MECHANICAL CHARACTERISTICS

OPERATING TEMPERATURE		-40°C to 50°C (MUST BE ENCLOSED IN A FIXTURE)	
L70 RATED LIFETIME / SERVICE LIFE		100,000 Hours	
MATERIAL / FINISH		0.1" Thick Aluminum 3003 Alloy Base / Standard Aluminum Finish	
MOUNTING		Universal Mounting Tabs included (2.50", 4.75", 7.00")	
MODEL DIMENSIONS		(L x W x H, SHAPE)	WEIGHT
UKIT-H021-35W		5.25" x 5.25" x 2.65" (Round)	1.06 lbs.
UKIT-L024-40W		4.00" Dia x 7.00" H (Corn Cob)	4.00 lbs.
UKIT-H042-69W		9.00" x 9.00" x 2.65" (Round)	1.62 lbs.
UKIT-H063-104W		11.00" x 11.00" x 2.65" (Square)	3.86 lbs.
UKIT-H084-139W		11.00" x 11.00" x 2.65" (Square)	3.94 lbs.
UKIT-R140-221W		12.75" x 15.5" x 2.72" (Rectangular)	5.73 lbs.
UKIT-H168-271W		20.00" x 20.00" x 3.21" (Square)	11.91 lbs.
UKIT-S150-35W		5.25" x 5.25" x 4.42" (Square), 6.25" Dia. x 4.42" H (Round)	2.40 lbs.
UKIT-S300-65W		10" x 5.5" x 4.15" (Rectangular)	4.20 lbs.
UKIT-S450-98W		10" x 10" x 4.15" (Square), 14" x 5.50" x 4.15" (Rectangular)	6.20 lbs.

PRODUCT CERTIFICATIONS AND RATINGS

ECONOMICAL RETROFIT KITS

UKIT-H021-35W	 Standard for Light-Emitting Diode (Led) Retrofit Luminaire Conversion Kits [UL 1598C: 2014 Ed.1+R: 17Nov2016] Retrofit Kits For Luminaire Conversion [CSA C22.2#250.1: 2016 Ed.1]	 DLC Standard V5.0
UKIT-L024-40W		
UKIT-H042-69W		
UKIT-H063-104W		
UKIT-H084-139W		
UKIT-R140-221W		
UKIT-H168-271W		

HIGH PERFORMANCE RETROFIT KITS

UKIT-S150-35W	 UL 8750 - Standard for Safety for Lighting Emitting Diode (LED) Equipment for Use in Lighting Products. CSA C22.2 No. 250.13 - Light Emitting Diode (LED) Equipment for Lighting applications	
UKIT-S300-65W		
UKIT-S450-98W		

DLC LISTED RETROFITS

DLC LISTING VERSION	V5.0				
PRIMARY USE CATEGORY	Retrofit Kits for Outdoor Pole/Arm-Mounted Area and Roadway Luminaires				
DLC MODEL#	LUMENS	POWER	EFFICACY	COLOR TEMP	CATEGORIZATION
UKIT-H21-B-CW-MT-010V	3147	29.66W	106.1 Lm/W	5529K	Outdoor Retrofit Kit
UKIT-H42-B-CW-MT-010V	6147	58.95W	104.3 Lm/W	5529K	Outdoor Retrofit Kit
UKIT-063-[optional upgrades]	9869	91.68W	107.6 Lm/W	5195K	Outdoor Retrofit Kit
UKIT-084-[optional upgrades]	15001	144.30W	104.0 Lm/W	5564K	Outdoor Retrofit Kit
UKIT-140-[optional upgrades]	24790	231.60W	107.0 Lm/W	4932K	Outdoor Retrofit Kit
UKIT-168-[optional upgrades]	33920	291.00W	116.6 Lm/W	5630K	Outdoor Retrofit Kit

QUALITY ASSURANCE AND WARRANTY

GenPro Advanced Technologies conducts Dielectric Voltage Withstand Test, Grounding Continuity Test, Ambient Temperature Performance Tests on all products according to Intertek and UL safety standards



ORDERING MATRIX

Example: UKIT-S150-35W-50K-SQ-E26

ECONOMICAL RETROFIT KITS

MODEL	COLOR TEMPERATURE	OPTIONS
UKIT-H021-35W	30K = 3000K 40K = 4000K 50K = 5000K	
UKIT-L024-40W		
UKIT-H042-69W		
UKIT-H063-104W		
UKIT-H084-139W		
UKIT-R140-221W		
UKIT-H168-271W		

HIGH PERFORMANCE RETROFIT KITS

MODEL	COLOR TEMPERATURE	OPTIONS
UKIT-S150-35W	30K = 3000K 40K = 4000K 50K = 5000K	SQ = Square RD = Round E26 = Edison Base for Bulbs
UKIT-S300-65W		
UKIT-S450-98W		SQ = Square RT = Rectangular

WIRE DIAGRAM

Wiring Diagram of MT (120VAC-277VAC) Fixtures for different AC Power Supplies

