

KT-SLFLED750HV-M1-XX-YM-750-VDIM

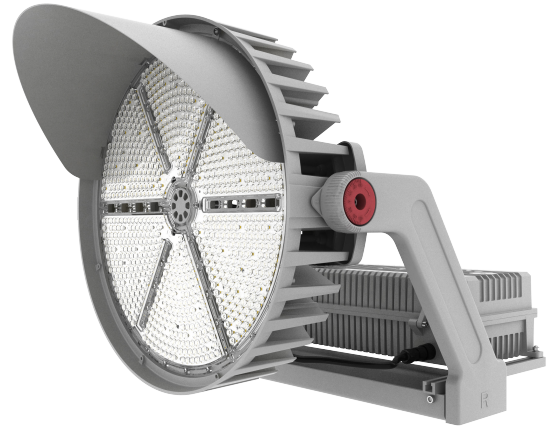
SPORTS LIGHT FLOOD

DESCRIPTION

750W Sports Light Flood | 5000K | Multiple Beam Angle Options |
277–480V Input | Gray Housing

APPLICATION

High power, wide flood, pole mount illumination needs (municipal parks and baseball fields, high school football stadiums, driving ranges, rodeos, ski resorts, etc.)



PRODUCT FEATURES

- Heavy duty die cast aluminum housing in gray finish offers a durable and modern aesthetic while carrying inspiration from existing legacy fixture solutions. Optimized for HID replacement needs
- Precision crafted optics that ensure uniform, proper lighting. Available in multiple beam angle options (30° standard, 20° and 40° optional)
- Glare shield included in packaging. Easy install for use as required by site demands
- Comes with shorting cap and integrated NEMA/ANSI C136.41 7 pin twist lock receptacle
- Designed for install as a single assembly or with remote driver box. Allows for on site flexibility and lower EPA ratings
- Compatible with yoke mount bracket (pre installed) and slip fitter mount, KT-SLFLED-SF-S1-KIT (sold separately)
- Fixture mountable laser accessory available for fixture aiming, KT-SLFLED-LASER-G (sold separately)
- Ambient operating temperature: –40°C/–40°F to 50°C/122°F
- Powered by Keystone 0–10V dimming LED driver
- UL Certified, IP65 rated
- Power factor: >0.95
- THD: <20%
- LED chip lifetime: L70 >100,000 hrs @ 25°C/77°F ambient fixture temperature
- Meets FCC Part 15, Part B, Class A standards for conducted and radiated emissions

DIMENSIONS AND WEIGHTS

Carton Dimensions	23.82"L x 24.61"W x 23.03"H
Carton Weight	57.10 lbs
Total Fixture Weight	51.81 lbs
Fixture Head Weight	37.21 lbs
Fixture Driver Box Weight	14.59 lbs

PRODUCT SPECIFICATIONS

Catalog Number	Wattage	CCT	Lumens	Efficacy	Input Voltage	Dimming	Beam Angle	CRI	DLC	Legacy Equivalent
KT-SLFLED750HV-M1-20-YM-750-VDIM	750W	5000K	105000	140 lm/W	277–480V	0–10V	20°	>70	Y	2000W MH
KT-SLFLED750HV-M1-30-YM-750-VDIM							30°			
KT-SLFLED750HV-M1-40-YM-750-VDIM							40°			

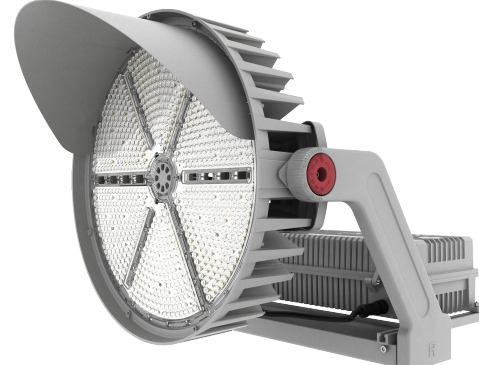
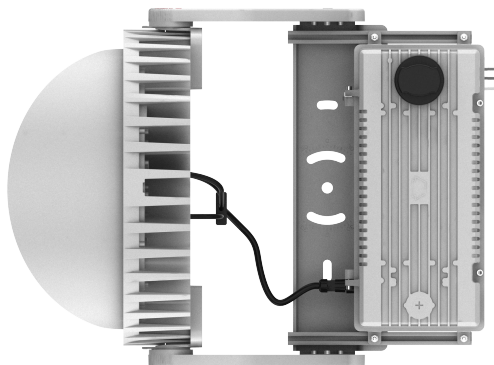
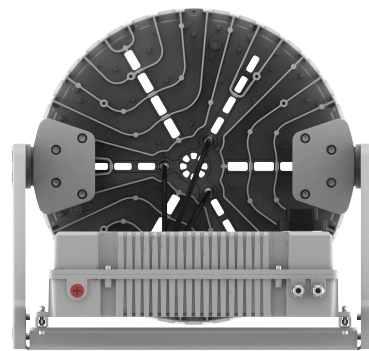
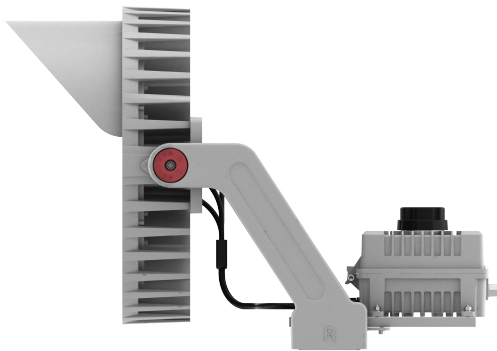
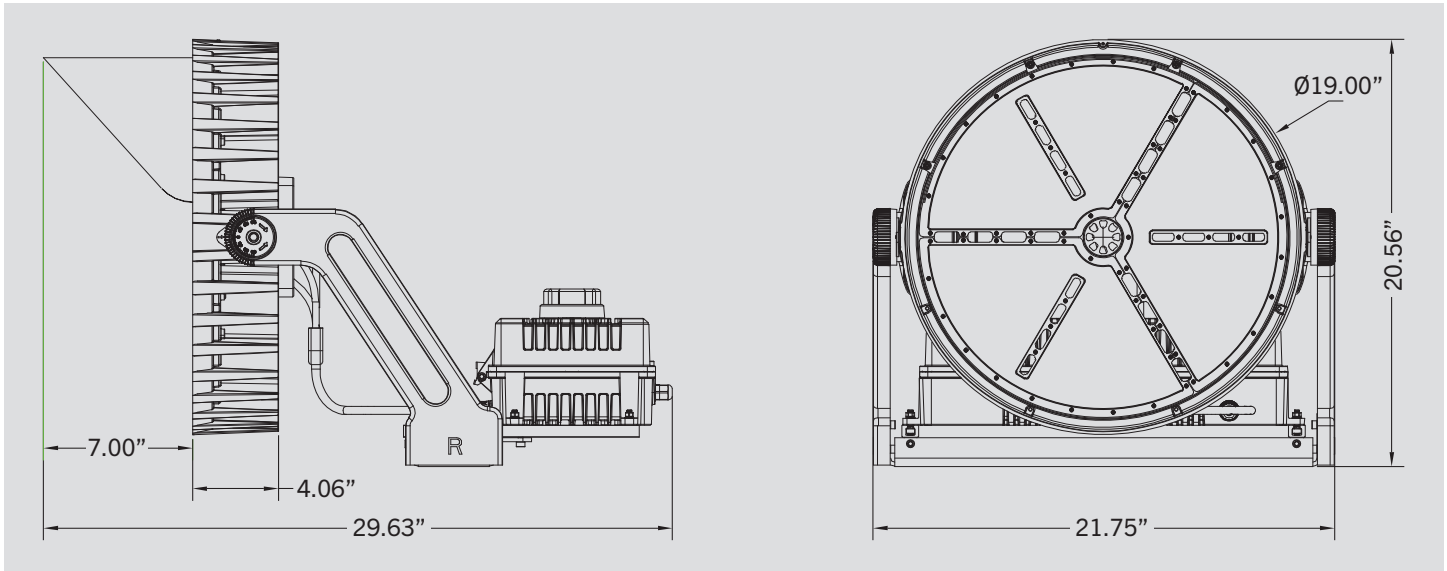
Note: Fixtures with 20° and 40° beam angles are available and assembled to order. Lead times may apply. Please see catalog number breakdown and product specification for full ordering code details

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SPORTS LIGHT FLOOD

PHYSICAL SPECIFICATIONS

WITH DRIVER BOX ATTACHED

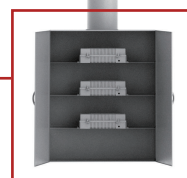
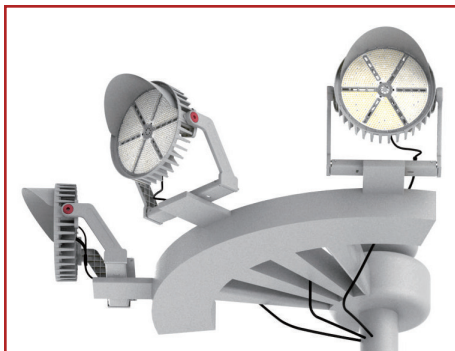
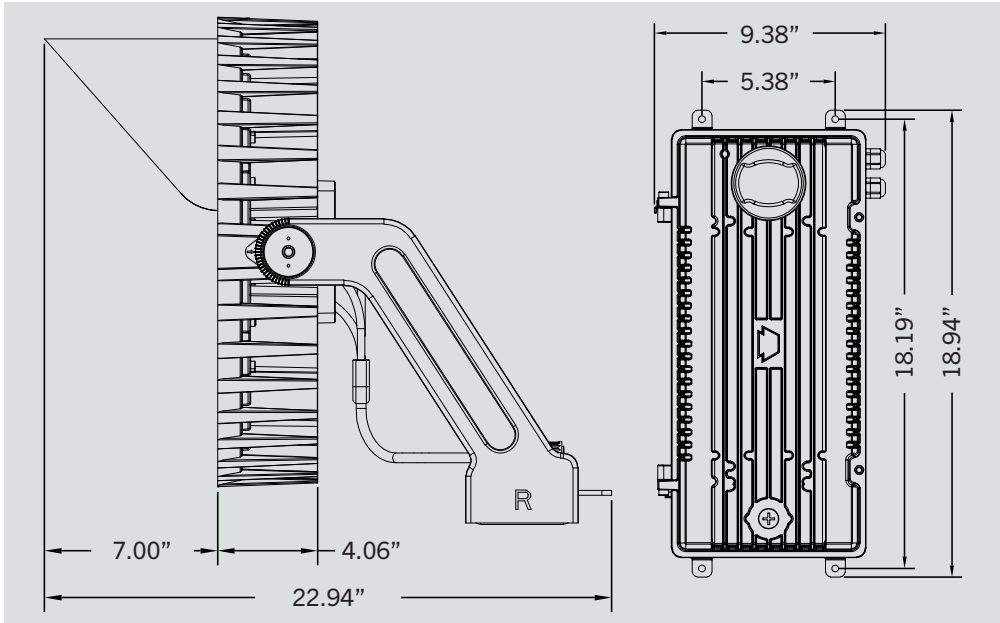


KT-SLFLED750HV-M1-XX-YM-750-VDIM

SPORTS LIGHT FLOOD

PHYSICAL SPECIFICATIONS

WITH DRIVER BOX SEPARATED



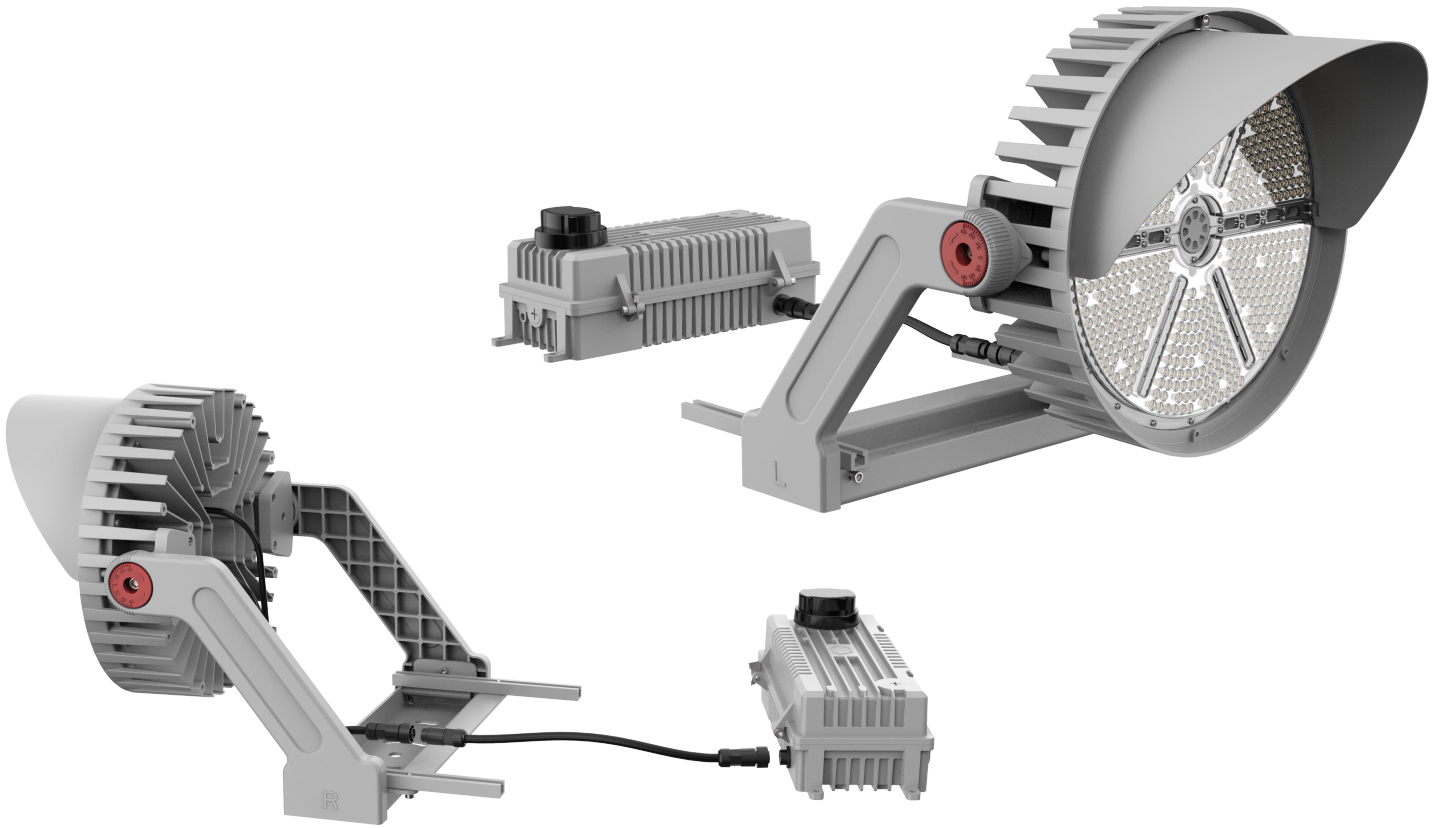
Note: Maximum cord length is 50 m / 164 ft

Note: Images are for reference only. Contact Keystone with questions regarding remote mounting and enclosures

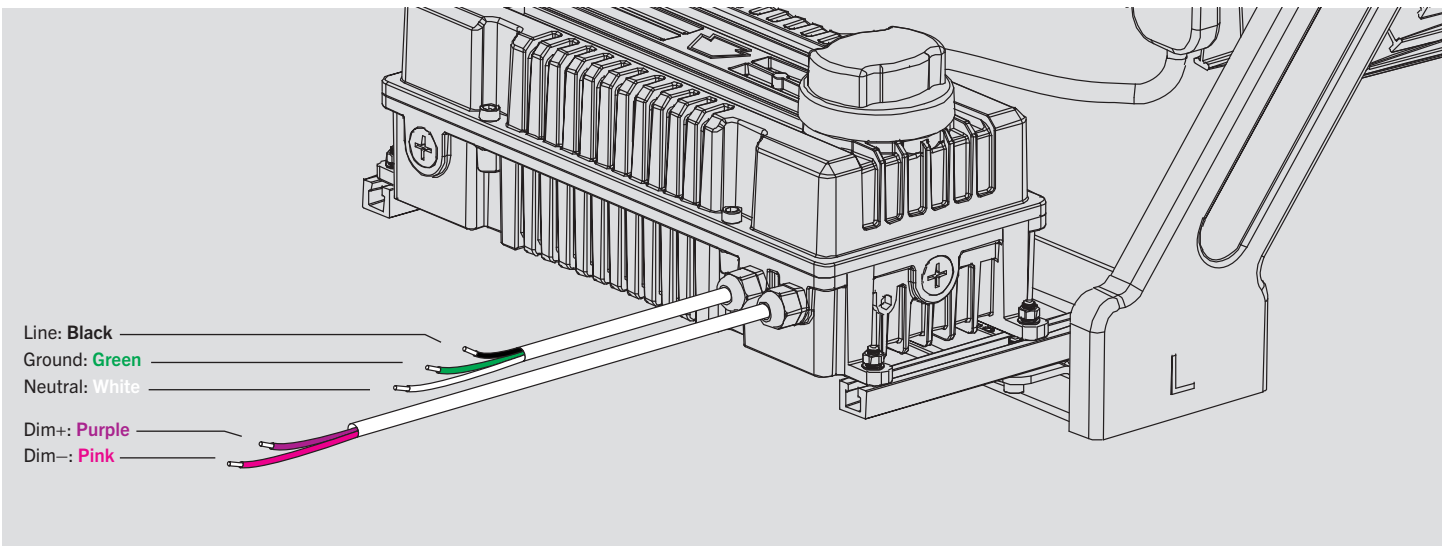
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SPORTS LIGHT FLOOD

WITH DRIVER BOX SEPARATED



WIRING DIAGRAM



Note: Input and dimming wires extend 3 ft from driver box

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SPORTS LIGHT FLOOD

LIGHT DISTRIBUTION PATTERN

Photometric layouts for general reference only. All fixtures are pointed at 45° below horizontal. Each square is 10 ft x 10 ft

20° BEAM ANGLE

Pole-mounted at 80'

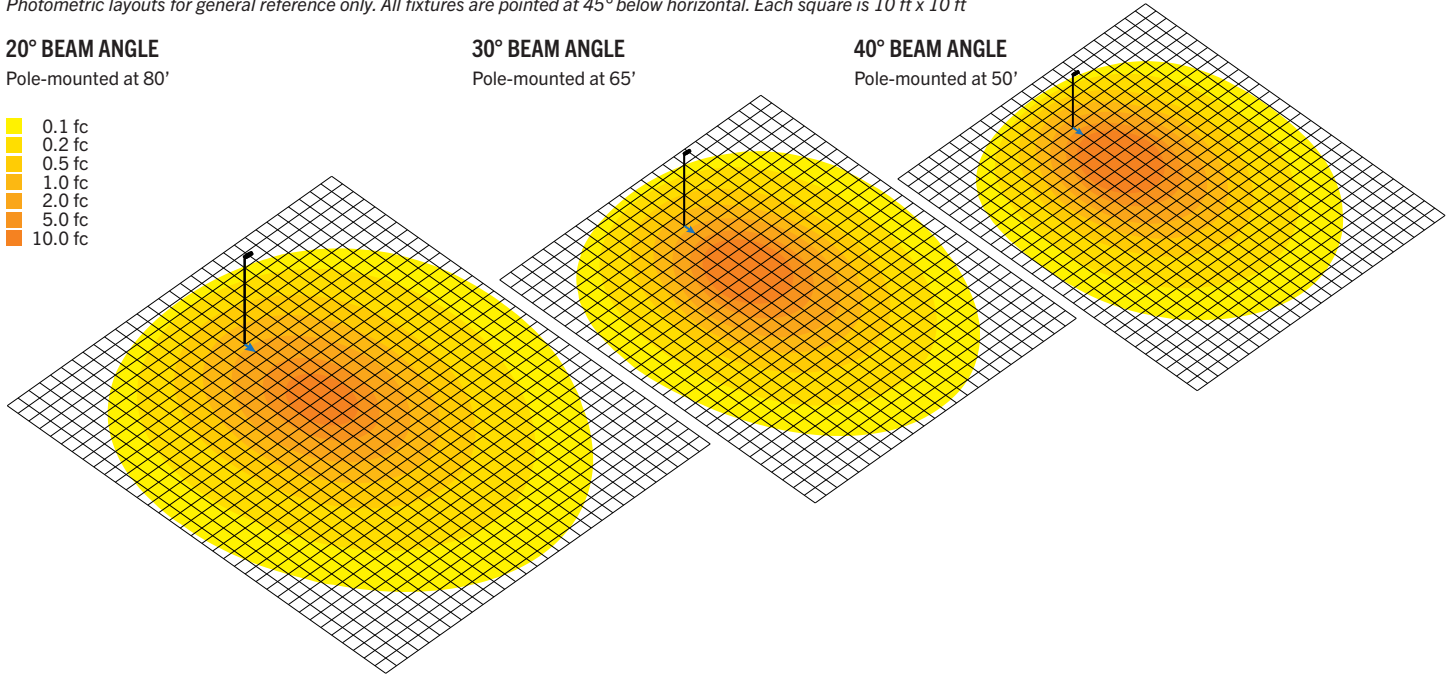
0.1 fc
 0.2 fc
 0.5 fc
 1.0 fc
 2.0 fc
 5.0 fc
 10.0 fc

30° BEAM ANGLE

Pole-mounted at 65'

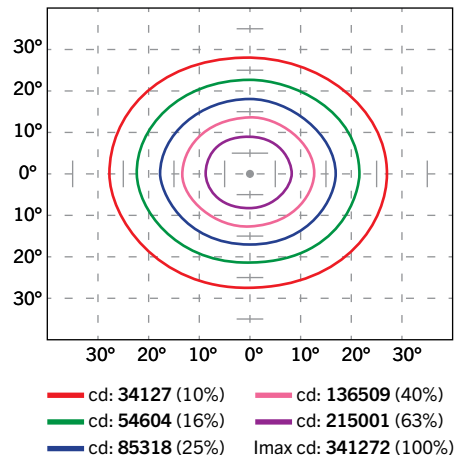
40° BEAM ANGLE

Pole-mounted at 50'

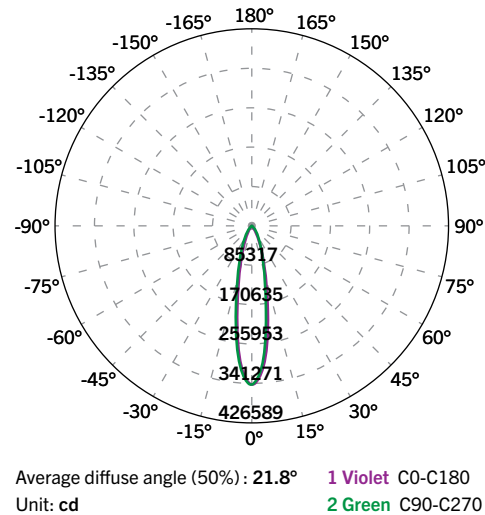


PHOTOMETRIC SPECIFICATIONS (20° BEAM ANGLE)

ISOCANDELA PLOT



LUMINOUS INTENSITY DISTRIBUTION



FLUX DISTRIBUTION

Zone	Lumens	% Luminaire
Forward Light	53699	48.5%
0°-30°	36107	32.6%
30°-60°	13812	12.5%
60°-80°	3475	3.1%
80°-90°	305	0.3%
Back Light	55752	50.3%
0°-30°	37875	34.2%
30°-60°	13992	12.6%
60°-80°	3550	3.2%
80°-90°	335	0.3%
Up Light	1383	1.2%
90°-100°	92	0.1%
100°-180°	1291	1.2%

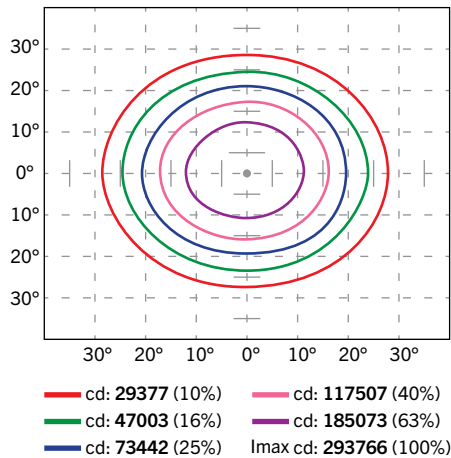
(Photometric Specifications continued on next page)

KT-SLFLED750HV-M1-XX-YM-750-VDIM

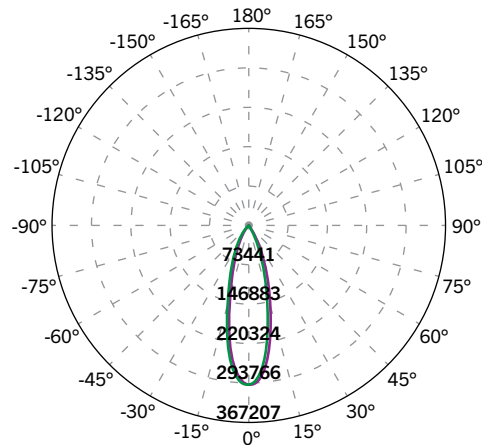
SPORTS LIGHT FLOOD

PHOTOMETRIC SPECIFICATIONS (30° BEAM ANGLE)

ISOCANDELA PLOT



LUMINOUS INTENSITY DISTRIBUTION



Average diffuse angle (50%) : 28.8°
 Unit: cd

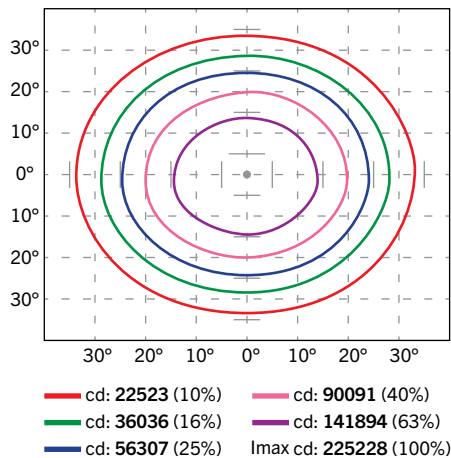
1 Violet C0-C180
 2 Green C90-C270

FLUX DISTRIBUTION

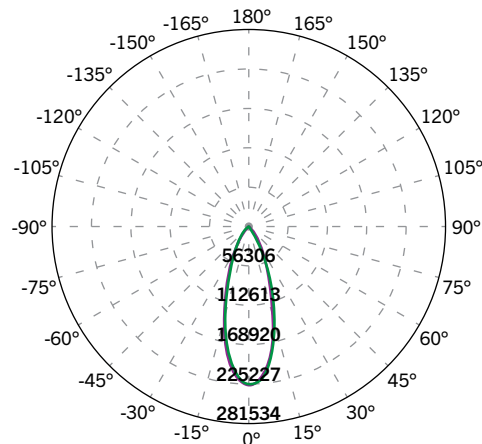
Zone	Lumens	% Luminaire
Forward Light	49611	48.4%
0°-30°	38845	37.9%
30°-60°	8696	8.5%
60°-80°	1955	1.9%
80°-90°	115	0.1%
Back Light	52787	51.6%
0°-30°	41499	40.5%
30°-60°	9122	8.9%
60°-80°	2030	2.0%
80°-90°	137	0.1%
Up Light	0	0.0%
90°-100°	0	0.0%
100°-180°	0	0.0%

PHOTOMETRIC SPECIFICATIONS (40° BEAM ANGLE)

ISOCANDELA PLOT



LUMINOUS INTENSITY DISTRIBUTION



Average diffuse angle (50%) : 35.1°
 Unit: cd

1 Violet C0-C180
 2 Green C90-C270

FLUX DISTRIBUTION

Zone	Lumens	% Luminaire
Forward Light	55204	49.8%
0°-30°	40739	36.7%
30°-60°	11948	10.8%
60°-80°	2344	2.1%
80°-90°	173	0.2%
Back Light	54433	49.1%
0°-30°	40033	36.1%
30°-60°	11863	10.7%
60°-80°	2348	2.1%
80°-90°	189	0.2%
Up Light	1272	1.1%
90°-100°	71	0.1%
100°-180°	1201	1.1%

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EPA SPECIFICATIONS

Medium-Size Fixture Housing

Conditions: Horizontal winds only for calculations. Worst case total projected area used for calculations. All drag coefficients are set as worst case 1.2. For details on exact EPA calculations and assumptions, please contact productsupport@keystonetech.com

EPA Calcs (1.2*ft^2 View)			Single Fixture	2 Fixtures Side-by-Side	3 Fixtures Side-by-Side
Mounting Application	Fixture Position	Housing Size			
Plate Mount 	45°	M (750W)	2.63 sq. ft.	5.26 sq. ft.	7.88 sq. ft.

ACCESSORIES

SENSORS

Field-Installable / Field-Use ONLY (purchased separately)

✓	CATALOG NUMBER	DESCRIPTION	COLOR	UPC	EASY CODE
	KT-TLP-HV-3PN	NEMA-Type 3-Pin Photocell; 277–480V; 1800VA max	Yellow	843654131832	CGF-01



277-480V Photocell
KT-TLP-HV-3PN

CORD SETS

Field-Installable / Field-Use ONLY (purchased separately)

✓	CATALOG NUMBER	DESCRIPTION	UPC	EASY CODE
	KT-SLFLED-EC-35	35' extension cord to remote mount LED driver for SLFLED fixtures	843654154992	OKK-79
	KT-SLFLED-EC-65	65' extension cord to remote mount LED driver for SLFLED fixtures	843654155005	QCB-67



35' Extension Cord
KT-SLFLED-EC-35

MOUNTS AND BRACKETS

Field-Installable / Field-Use ONLY (purchased separately)

✓	CATALOG NUMBER	DESCRIPTION	UPC	EASY CODE
	KT-SLFLED-SF-M1-KIT	Slip fitter mount kit for Series 1 Sports Light Flood, Medium Housing. Fits 2 3/8" tenon. Gray	843654154947	XMK-23



Slip Fitter Mount Kit
KT-SLFLED-SF-M1-KIT

Field-Installable / Field-Use ONLY (purchased separately)

✓	CATALOG NUMBER	DESCRIPTION	UPC	EASY CODE
	KT-SLFLED-LASER-G	Green laser pointer for Sports Light Flood aiming. Includes hardware to mount to SLFLED fixtures	843654155012	ESD-34



Green Laser Pointer
KT-SLFLED-LASER-G

Note: Each above item has a corresponding specification sheet with technical drawings. Please visit keystonetech.com for details



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ORDERING INFORMATION

CATALOG NUMBER	PACK QTY.	EASY CODE	UPC
KT-SLFLED750HV-M1-20-YM-750-VDIM	1	BVU-13	843654155326
KT-SLFLED750HV-M1-30-YM-750-VDIM	1	VMY-27	843654154923
KT-SLFLED750HV-M1-40-YM-750-VDIM	1	RXH-54	843654155333

CATALOG NUMBER BREAKDOWN

KT-SLFLED750HV-M1-XX-YM-750-VDIM

1	2	3	4	5	6	7	8	9	10	11	12
1 Keystone Technologies	2 Fixture Type	3 LED Lamp	4 High Voltage	5 Wattage	6 Size	7 Style	2 Fixture Type	5 Size	7 Beam Angle	10 CRI	11 CCT
							SLF Sports Light Flood	M Medium	20 20°	30 30°	40 40°
							8 Mounting Options	9 CRI			
							YM Yoke Mount	7 >70			
							11 Dimming		10 CCT		
							VDIM 0-10V		50 5000K		