

KETRA[®]

Track Adapter

- Leverage the full feature set of Ketra's S38 or S30 LED Lamp
- Constant torque hinge provides 90° of tilt aiming at any increment, without the need for a mechanical lock
- 365° of rotation eliminates any aiming shadows
- Configurable with industry standard track systems and conduit mount option



Hardware Ordering Guide

TA						1	G24				
Series	Form Factor	Lumens	Platform	Control	Beam Angle	Region	Base Type	Adapter Type	Housing Color	Custom Code (Optional)	Custom Field (Optional)
Series	Code		Control	Code		Adapter Type	Code				
Track Adapter	TA		Track Adapter Only	-		"H-Type" Compatible	H				
			Tunable	T		"J-Type" Compatible	J				
						"L-Type" Compatible	L				
						1/2" NPT Canopy Mount	N				
Form Factor	Code		Beam Angle	Code		Please see the track adapter compatibility guide prior to placing order					
Track Adapter Only	-		Track Adapter Only	-							
S30	S30		Spot (10° S38, 15° S30)	SP							
S38	S38		Flood (25°)	FL							
Lumens	Code		Wide Flood (40°)	WFL		Housing Color		Code			
			Very Wide Flood (60°)	VFL		White		WH			
Track Adapter Only	-					Black		BK			
S30-800lm	08					Accessory Order Codes					
S30-1000lm	10		Region	Code		See Page 2 for Accessory options					
S38-900lm	09		NA 120 V 60 Hz	1							
S38-1100lm	11					Custom Order Codes					
Platform (see page 4 color chart)	Code		Base Type	Code		See Page 6 for custom order code options					
Track Adapter Only	-		GU24	G24							
Wide Gamut	B										

770-000016-01-4

Specifications are subject to change without notice.

S38 TA Specifications¹

Optical Performance

Lumen Output ²	900 lm/ 1100 lm
CRI (Ra)	>90 (R9 >90)
Lumen Maintenance ⁴	36,000 hours to L70 @ 25°C T _A
Color Spatial Uniformity	<2 MacAdam ellipses across field angle
Color Point Maintenance	<1 MacAdam ellipse over product lifetime
Equivalent Traditional Lamp	75W/ 100W halogen PAR38
Dimming Range ⁵	0.1 - 100% lm

Environmental

Operating Temperature (T _A) ⁶	0 - 50°C
Storage Temperature	-20 - 80°C
Humidity	0 - 95%, Non-condensing
Certification	UL, cUL, RoHS, FCC Class B
Location	UL Damp Location, IP20, Suitable for use in fully enclosed luminaires

Mechanical

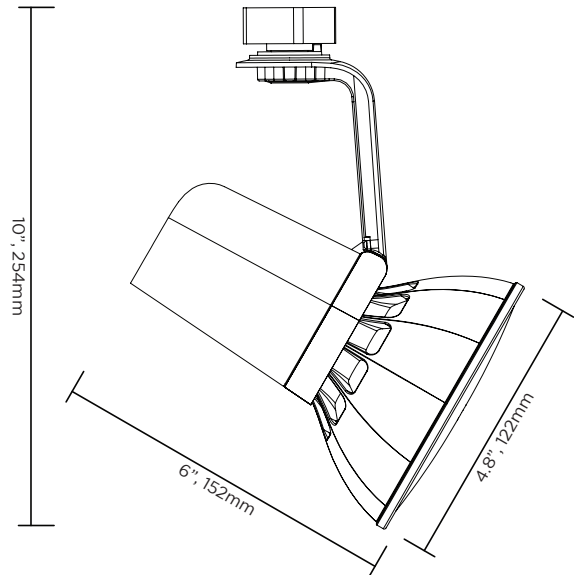
Weight	13.8 oz, 390 g
Housing Material	Powder Coated Aluminum, Polymer
Lens Material	Non-yellowing PMMA
Base Type	GU24

Electrical

Power Consumption	S38.09 13W/ S38.11 18W
Power Factor	>0.9
Current	170 mA Max
Efficacy	S38.09 69 lm/W / S38.11 62 lm/W

Accessories

S38 Accessory Snoot 30° cutoff, White	S38ASNT30WH	S38 Accessory Louver 45° cutoff, Black (Requires S38ASNT55)	S38ALUV45BK
S38 Accessory Snoot 30° cutoff, Black	S38ASNT30BK	S38 Accessory Baffle 15° cutoff, Black (Requires S38ASNT30)	S38ABFL15BK
S38 Accessory Snoot 55° cutoff, White	S38ASNT55WH		
S38 Accessory Snoot 55° cutoff, Black	S38ASNT55BK		



CAD files available upon request

¹All performance measurements taken at 3000K, 25°C ambient, 100% power input, unless otherwise stated.

²Lumen measurement complies with IES LM-79-08 testing procedures.

³See color gamut chart at the end of this document.

⁴Lumen maintenance values calculated in accordance to TM-21 procedures based on LM-80 compliant measurement data.

⁵Intensity and color point controlled via Ketra's wireless network

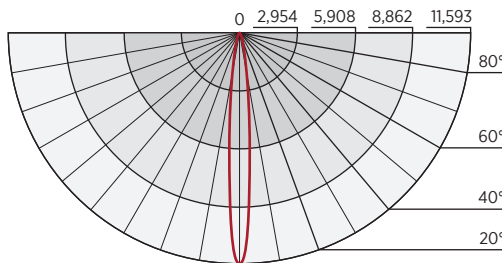
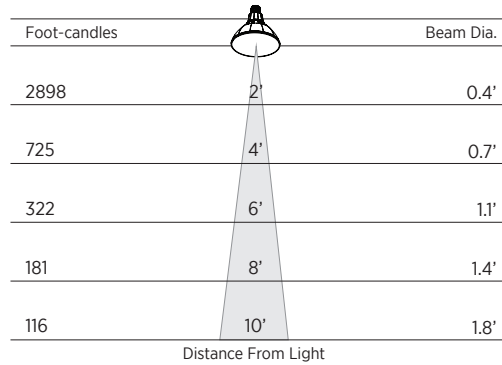
⁶Suitable for use in fully enclosed luminaires

S38 ISO Footcandle Charts: 2700 - 5000K Values Only

LM-79 compliant IES files available upon request.

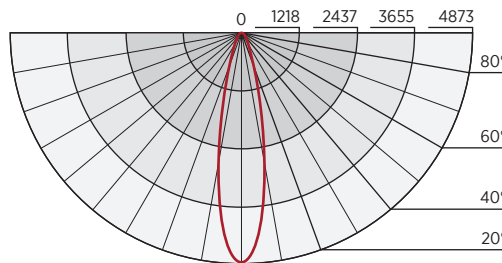
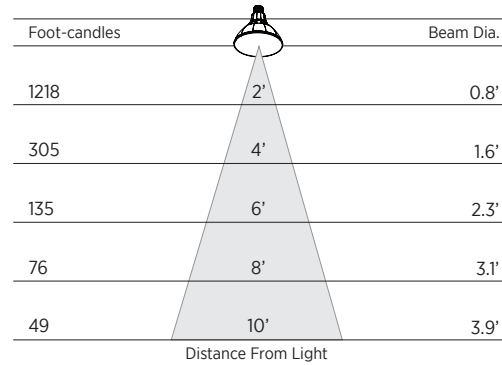
Beam Angle: 10° Spot (SP)

Product Code ¹	Wattage	Lumens	CBCP
S3811BTSP1E26WH	18W	1100	11,593



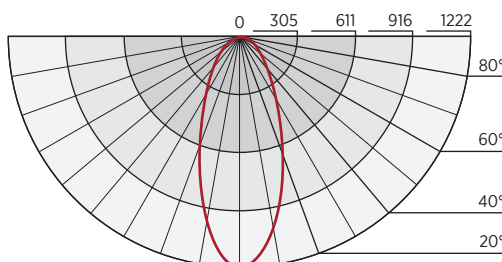
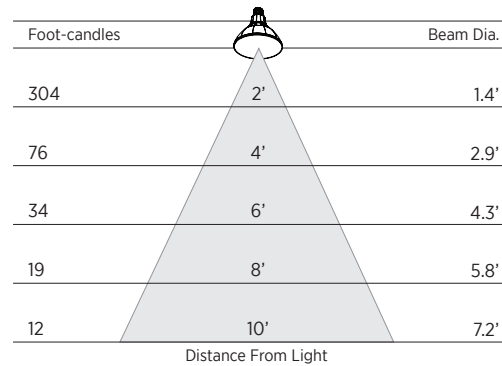
Beam Angle: 25° Flood (FL)

Product Code ¹	Wattage	Lumens	CBCP
S3811BTFL1E26WH	178W	1100	4873



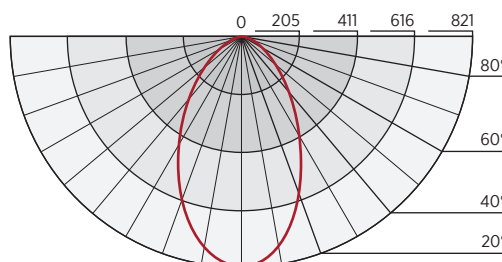
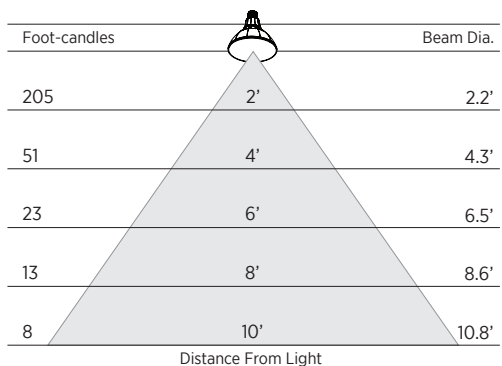
Beam Angle: 40° Wide Flood (WFL)

Product Code ¹	Wattage	Lumens	CBCP
S3811BTWFL1E26WH	18W	1100	1217



Beam Angle: 60° Very Wide Flood (VFL)

Product Code ¹	Wattage	Lumens	CBCP
S3811BTVFL1E26WH	18W	1100	818



¹ Performance data applies to all base types and housing colors.

S30 Specifications¹

Optical Performance

Lumen Output ²	825 lm/ 1050 lm
CRI (Ra)	>90 (R9 >90)
Lumen Maintenance ⁴	36,000 hours to L70 @ 25°C T _A
Color Spatial Uniformity	<2 MacAdam ellipses across field angle
Color Point Maintenance	<1 MacAdam ellipse over product lifetime
Equivalent Traditional Lamp	75W halogen PAR30
Dimming Range ⁵	0.1 - 100% lm

Environmental

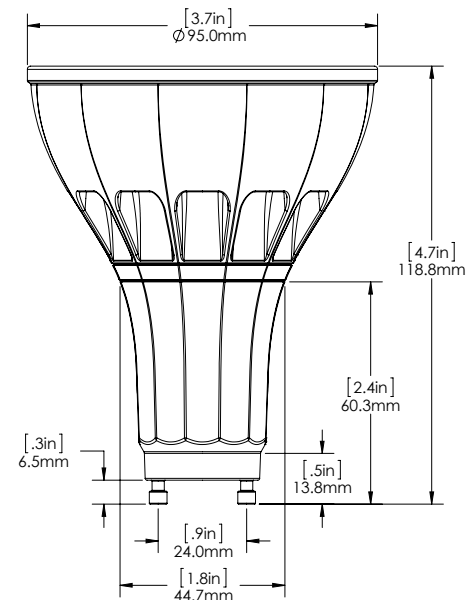
Operating Temperature (T _A) ⁶	0 - 50°C
Storage Temperature	-20 - 80°C
Humidity	0 - 95%, Non-condensing
Certification	UL, cUL, RoHS, FCC Class B
Location	UL Damp Location, IP20, Suitable for use in fully enclosed luminaires

Mechanical

Weight	11.95 oz, 339 g
Housing Material	Powder Coated Aluminum, Polymer
Lens Material	Non-yellowing PMMA
Base Type	GU24

Electrical

Power Consumption	S30.08 11W/ S30.10 17W
Power Factor	>0.9
Current	170 mA Max
Efficacy	S30.08 75 lm/W / S30.10 62 lm/W



CAD files available upon request

¹ All performance measurements taken at 3000K, 25°C ambient, 100% power input, unless otherwise stated.

² Lumen measurement complies with IES LM-79-08 testing procedures.

³ See color gamut chart at the end of this document.

⁴ Lumen maintenance values calculated in accordance to TM-21 procedures based on LM-80 compliant measurement data.

⁵ Intensity and color point controlled via Ketra's wireless network

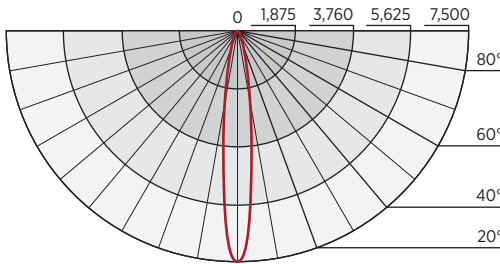
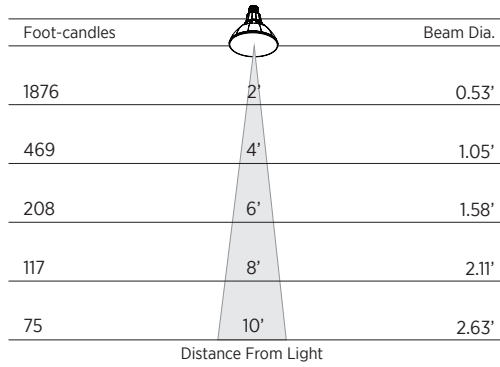
⁶ Suitable for use in fully enclosed luminaires

S30 ISO Footcandle Charts: 2700 - 5000K Values Only

LM-79 compliant IES files available upon request.

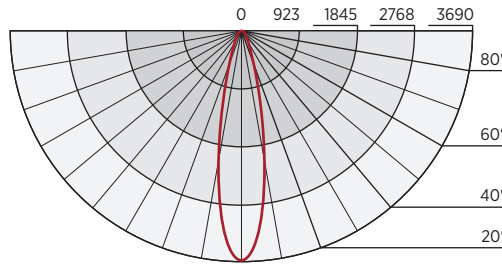
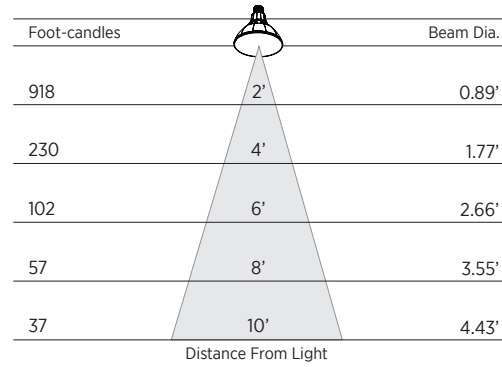
Beam Angle: 15° Spot (SP)

Product Code ¹	Wattage	Lumens	CBCP
S3010BTSP1E26WH	17W	1050	7501



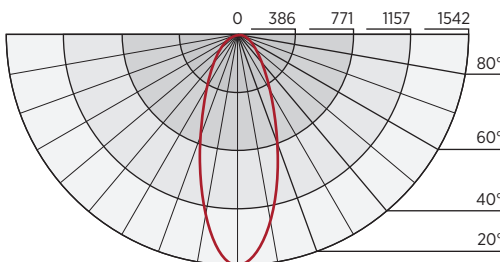
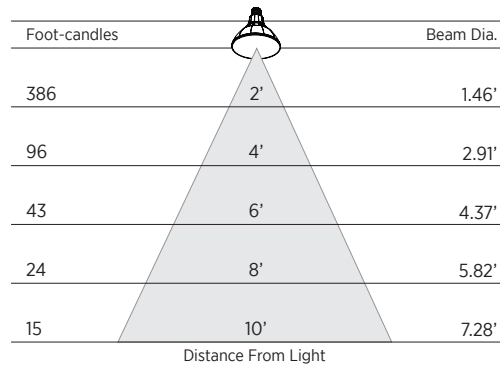
Beam Angle: 25° Flood (FL)

Product Code ¹	Wattage	Lumens	CBCP
S3010BTFL1E26WH	17W	1050	3672



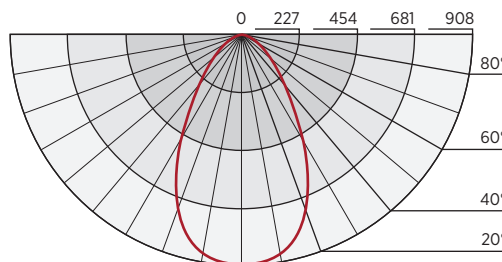
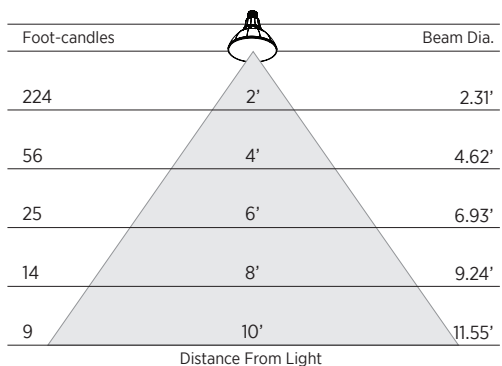
Beam Angle: 40° Wide Flood (WFL)

Product Code ¹	Wattage	Lumens	CBCP
S3010BTWFL1E26WH	17W	1050	1542



Beam Angle: 60° Very Wide Flood (VFL)

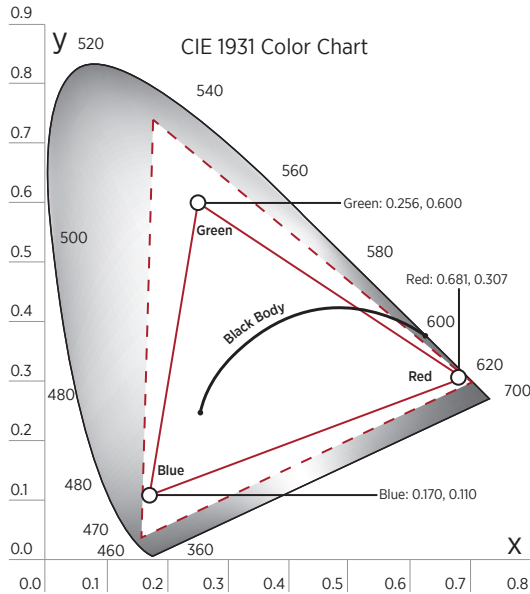
Product Code ¹	Wattage	Lumens	CBCP
S3010BTVFL1E26WH	17W	1050	897



¹ Performance data applies to all base types and housing colors.

Wide Gamut:

Ketra's tunable spectrum lamp can easily be configured via our intuitive Design Studio software tool. The product can reproduce any color point within the triangle shaped gamut indicated in the chart below. With Ketra's innovative optical and thermal feedback system, the color point is maintained to an accuracy of <1 MacAdam ellipse over the lifetime of the product and across operating temperature range.



— Calibrated Gamut: Color point is maintained to an accuracy of <1 MacAdam ellipse over the lifetime of the product and across operating temperature range.

- - - Expanded Gamut: Color calibration is relaxed such that each product produces the most saturated color possible.

Custom Order Codes:

Custom Order Code	Notes	Code	Custom Field
Lamp	Ketra can emulate typical lamps and dim curves	L	I= Incandescent H= Halogen X= Xenon
Gel	Standard gel colors available	G	A = illuminant A L = Lee R= Rosco D = D65 Source G = GAM A = Apollo "XXXX"(Gel #)
CCT Value	Specifiable in 1° Kelvin increments 1,400 K - 10,000 K	K	XXXXX
CIE 1931 x, y Coord.	Example: x=.340, y=.350 OC=A340350	A	XXXXXX
Pantone	Ketra can emulate standard Pantone colors	P	XXXXXX

General Specifications:

LED Track Fixture shall employ closed loop optical and thermal feedback capable of maintaining color point accuracy of <1 MacAdam ellipse.

LED Track Fixture shall have color spatial uniformity of <2 MacAdam ellipses over full field angle.

LED Track Fixture shall have an integrated wireless control on-board.

LED PAR38 lamp shall be capable of a CRI >90 at any point along the Black Body Curve from 2700 - 5000K.

LED Track Fixture shall be a single source multi-die emitter consisting of both monochromatic and phosphor converted blue LED die.

LED Track Fixture shall be sealed, meeting UL damp location and IP50 requirements.

LED Track Fixture shall be lamped with GU24 base lamps.

LED Track Fixture shall be dimmable to 0.1% of measured luminous flux with wireless or TRIAC dimming.

LED Track Fixture shall be UL listed and RoHS compliant.

LED Track Fixture shall be capable of in situ firmware and software upgrades.

Ketra LED Lamps are warranted to be free from material defects in material and workmanship for five (5) years or 25,000 hours from date of shipment, whichever is less.

LED Track Fixture shall be # _____