

KATTO SUSPENDED CEILING LED LUMINAIRE

KATTO is available in 2' and 4' which can be compatible to 15/16" standard suspended ceilings system. This product offers lighting designers more freedom to design since the LED module can follow the ceiling elements in many different ways. It is suitable for commercial and architectural environments that require a unique and elegant lighting design.



OVERVIEW

LIGHT SOURCE	LED	COLOR TEMPERATURE [K]	3 500, 4 000
WATTS [W]	10 - 20	CRI	80+
LUMEN OUTPUT [LM]	1 300 - 2 600	WEIGHT [LBS]	2.863
EFFICIENCY [LM/W]	130		



QUICKSHIP



LED



DIMMABLE



DAMP
LOCATION



IC



ICES
005





FEATURES & SPECIFICATIONS

CONSTRUCTION

Housing

- Aluminum extrusion
- Cable to connect the luminaire to the power supply is rated FT6
Cable length:
- 2' luminaire: 6' cable
- 4' luminaire: 8' cable

Optics

- Snap-in frosted acrylic lens
15/16"

ELECTRICAL

THD <20%, Power factor > 0.9

LED

Long life LED that provide 80+ CRI, with a choice of 3 500 K and 4 000 K color temperature

Lumens

1 300 to 2 600 lm

Lumens maintenance

With 87.8% of lumen maintenance expected at 50 000 hours.

Efficiency

10 W : 3 500 K, 1 300 lm, 130 lm/W
20 W : 3 500 K, 2 600 lm, 130 lm/W
20 W : 4 000 K, 2 600 lm, 130 lm/W

Driver

- 2' luminaire 30 W driver
- 4' luminaire 60 W driver
- One driver can accommodate up to 3 luminaires
- 100-277 V, 0-10 V dimming

Beam Angle

Available in 120°

COMPLIANCES

- Listed cULus
- ICES-005 issue 5 for Class B

QUICK SHIP¹ ORDERING GUIDE⁵



PART NUMBER	LENGHT [IN]	WIDTH [IN]	WATTS [W]	COLOR TEMP. [K] ²	LUMEN [LM] ³	EFFICIENCY [LM/W]	CRI	LIFE L70 [HRS] ⁴	CABLE RATING	LENS FINISH	DIMMING [YES/NO]	POWER FACTOR	THD [%]	CASE QTY [MASTER]
KAT-LA1-24/35K	24	15/16	10	3 500	1 300	130	80+	50 000	FT6	FROSTED	YES	>0.9	<20	18
KAT-LA2-48/35K	48	15/16	20	3 500	2 600	130	80+	50 000	FT6	FROSTED	YES	>0.9	<20	18
KAT-LA2-48/40K	48	15/16	20	4 000	2 600	130	80+	50 000	FT6	FROSTED	YES	>0.9	<20	18

¹ QUICK SHIP: Product availability is subject to change without notice. Please contact your AimLite customer service representative to confirm inventory levels at time of order.

² Typical color temperature range: +/- 5 %.

³ Lumen values are derived from photometric testing. Initial lumens range: +/- 10 %

⁴ Life hours are derived from IESNA LM-80 testing report and projected per IESNA TM-21 extrapolations.

⁵ Power supply sold separately.

QUICK SHIP TECHNICAL SPECIFICATION TABLE FOR POWER SUPPLY

PART NUMBER	WATTS [W]	VOLTS [V]	CASE QTY [MASTER]
PSTG30W ⁴	30	100-277	6
PSTG60W ⁵	60	100-277	6



¹ QUICK SHIP: Product availability is subject to change without notice. Please contact your AimLite customer service representative to confirm inventory levels at time of order.

² One driver can accommodate up to 3 luminaires.

³ Power supply sold separately.

⁴ Only available for the 2' luminaire.

⁵ Only available for the 4' luminaire.

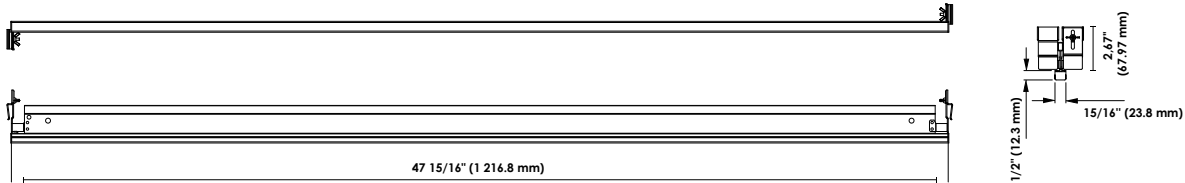
COMPATIBLE DIMMERS

BRAND	MODEL NUMBER
LUTRON	DIVA-DVTV NOVA-NTSTV-TV

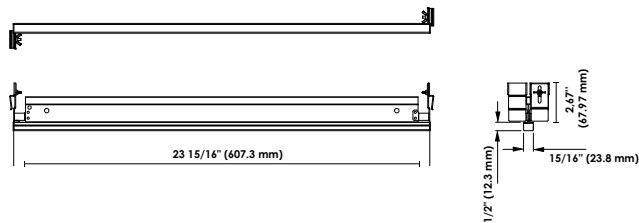
*Dimming range : 10% - 100%

DIMENSIONS

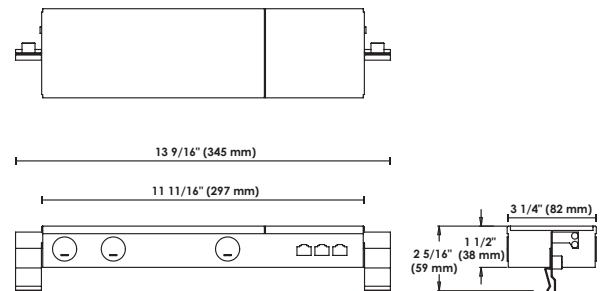
KATTO - 48



KATTO - 24



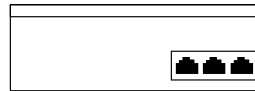
POWER SUPPLY



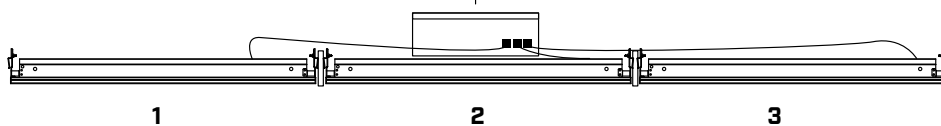
CONFIGURATION

The KATTO is easy to install on most standard 15/16" ceiling grid systems. It replaces a whole 2' or 4' cross tee of the T-Grid ceiling making this luminaire a part of both the ceiling and lighting systems.

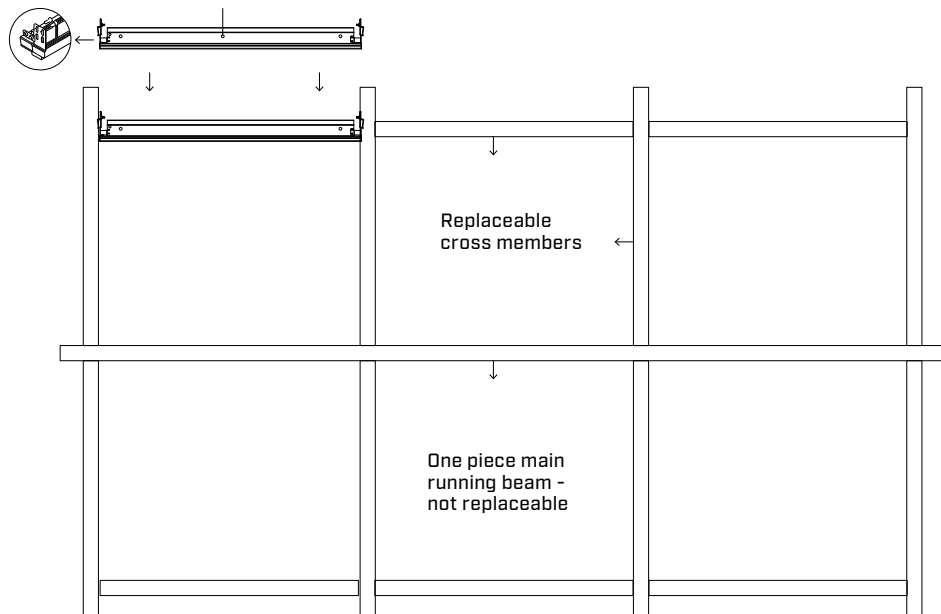
The junction box can have up to three input connectors



SIDE VIEW



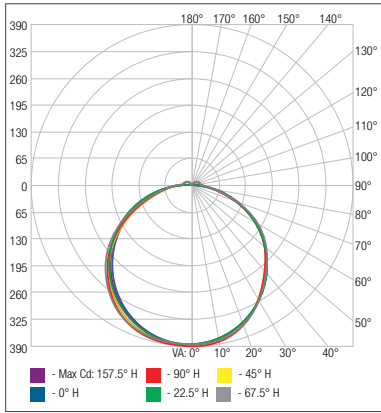
All of the T-Grid lighting bars have an adjustable mounting bracket on each end which is compatible with most manufacturers' suspended ceiling systems and tiles.



PHOTOMETRIC DATA¹

KAT-LA1-24/35K • 1 259.2 LM

POLAR CANDELA DISTRIBUTION



ZONAL LUMEN SUMMARY

ZONE	LUMENS	% FIXTURE
0-30	304.9	24.2%
0-40	503.5	40%
0-60	907.2	72%
60-90	283.7	22.5%
70-100	146.7	11.6%
90-120	42.9	3.4%
0-90	1 190.9	94.6%
90-180	68.3	5.4%
0-180	1 259.2	100%

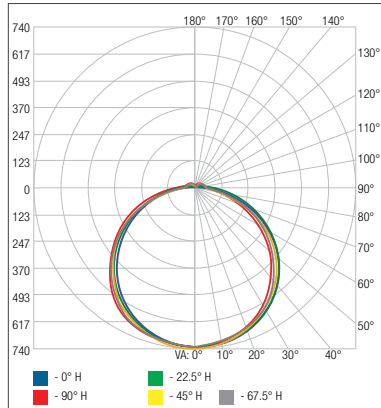
ILLUMINANCE AT A DISTANCE

CENTER BEAM FC		BEAM WIDTH	
1.7'	133 fc	5.5'	5.8'
3.3'	35.4 fc	10.7'	11.3'
5.0'	15.4 fc	16.2'	17.1'
6.7'	8.59 fc	21.7'	22.9'
8.3'	5.60 fc	26.9'	28.4'
10.0'	3.86 fc	32.4'	34.3'

■ Vert. Spread: 116.7° ■ Hor. Spread: 119.4°

KAT-LA2-48/35K • 2 540.5 LM

POLAR CANDELA DISTRIBUTION



ZONAL LUMEN SUMMARY

ZONE	LUMENS	% FIXTURE
0-30	586.8	23.1%
0-40	975.9	38.4%
0-60	1 784.3	70.2%
60-90	604.8	23.8%
70-100	327.1	12.9%
90-120	92.7	3.6%
0-90	2 389.1	94%
90-180	151.4	6%
0-180	2 540.5	100%

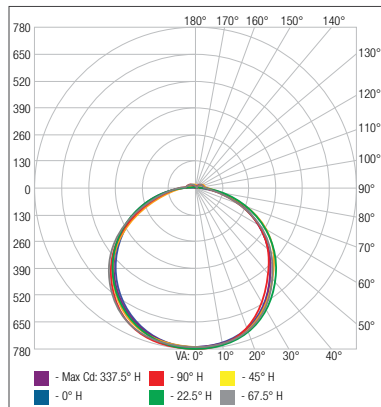
ILLUMINANCE AT A DISTANCE

CENTER BEAM FC		BEAM WIDTH	
1.7'	255 fc	6.0'	6.0'
3.3'	67.7 fc	11.6'	11.6'
5.0'	29.5 fc	17.6'	17.6'
6.7'	16.4 fc	23.6'	23.6'
8.3'	10.7 fc	29.2'	29.2'
10.0'	7.37 fc	35.2'	35.2'

■ Vert. Spread: 120.8° ■ Hor. Spread: 120.8°

KAT-LA2-48/40K • 2 668.0 LM

POLAR CANDELA DISTRIBUTION



ZONAL LUMEN SUMMARY

ZONE	LUMENS	% FIXTURE
0-30	616.0	23.1%
0-40	1 024.5	38.4%
0-60	1 873.4	70.2%
60-90	635.4	23.8%
70-100	344.0	12.9%
90-120	97.5	3.7%
0-90	2 508.8	94%
90-180	159.2	6%
0-180	2 668.0	100%

ILLUMINANCE AT A DISTANCE

CENTER BEAM FC		BEAM WIDTH	
1.7'	268 fc	6.0'	6.0'
3.3'	71.1 fc	11.6'	11.6'
5.0'	31.0 fc	17.6'	17.6'
6.7'	17.2 fc	23.6'	23.6'
8.3'	11.2 fc	29.2'	29.2'
10.0'	7.74 fc	35.2'	35.2'

■ Vert. Spread: 120.8° ■ Hor. Spread: 120.8°

¹ Complete IES files available on our website.