

Project: _____

Type: _____

Drawn by: _____ Catalogue #: _____

Date: _____



KOLIKA - L2KOU

LED LINEAR SURFACE

Continuous run from 2' to 100'

Optional Emergency Remote

The Kolika is a robust LED luminaire that offers a high-power source that is ideal for work and commercial spaces. The Kolika series allows you to achieve a consistently simple and elegant look throughout a space, without compromising the Efficacy.

FEATURES AND SPECIFICATIONS

• Construction

Housing

The body is made of extruded aluminium

Lens

Opal acrylic frosted lens diffuses light evenly

Finishes

Matte silver, semi-gloss white, matte black finish standard and other special color option available upon request

• Installation

Only surface ceiling.

• Specifications

Driver options

- DIM1 - 0-10 V dimming standard
- DIM2 - Line voltage driver 120 V as an option
- DALI1 - Digital addressable lighting interface driver as an option (Not available in 347 V)

Ambient temperature: -20°C ~ +50°C

• Optional Emergency Lighting

LINK Normally ON Emergency LED Linear Surface

- Consuming 11 W, 12 -24 V DC
- 200 mA constant current
- Delivers 847 - 908 lumens in emergency mode
- Ease of maintenance when used with Stanpro emergency lighting battery units complete with auto test function
- Complements Stanpro's normally ON LED linear surface family
- Patent pending

Please view the LINK specification section for more details on this technology

• Emergency Lighting Compliances

- CSA certified as a C22.2 C141-15 emergency lighting luminaire
- Meets ICES-005 requirements

• General Lighting Compliances

- cCSAus
- ICES-005 for Class A products
- CSA Certified to C22.2#141-15 (When use with LINK option)
- Suitable for damp locations



ICES
005



¹ 5 year warranty for the LINK module.

OVERVIEW

Light source	LED
Watts (W) ¹	13.6 - 36.5
Lumen output (lm/ft)	320 - 850
Efficacy (lm/W)	93.15 - 94.12
Color temperature (K)	3 000, 3 500, 4 000, 5 000
CRI	90+
Weight (lbs/ft)	2.9
Time (t) at which to estimate lumen maintenance (hrs)	50 000
Lumen maintenance at time (t) (%)	88.47
Calculated L70 (hrs)	150 000
Reported L70 (hrs)	>90 000

¹ Information base on 48" fixture.

ORDERING GUIDE

L2KOU		L		90				
Series	Size ¹	Lamp type	Lumen package (lm)	CRI	Volts (V)	Color temp. (K)	Casting color	Options
L2KOU	02 - 2' 03 - 3' 04 - 4' 05 - 5' 06 - 6' 07 - 7' 08 - 8' 09 - 9' 10 - 10' 11 - 11' 12 - 12' 13 - 13' 14 - 14' 15 - 15' 16 - 16' 17 - 17' 18 - 18' 19 - 19' 20 - 20' 21 - 21'	L - LED	S1 - 320 S2 - 425 S3 - 642 S4 - 850	90 - 90+	A - 120 W - 120-277 H - 347	30K - 3 000 35K - 3 500 40K - 4 000 50K - 5 000	S - Silver W - White B - Black SP ⁶ - Special color	DIM2 - Line voltage driver 120 V DALI1 - Digital adressable lighting interface driver (Not available in 347 V) EL1 ^{2,5} - 1 LINK Normally ON emergency remote EL2 ^{3,5} - 2 LINK Normally ON emergency remote EL ^{4,5} - LINK Normally ON emergency remote

¹ For lengths longer than 21', please consult factory.

² EL1 LINK Normally On option for lengths 2' to 8', only up to 4' lighted up in emergency mode.

³ EL2 LINK Normally On option for lengths 5' to 8', full length lighted up in emergency mode.

⁴ EL LINK Normally On emergency option for lengths greater than 8' consult factory.

⁵ Please check LINK Technical Specifications Table for delivery lumens with /EL option.

⁶ For custom color, please consult factory.

When in emergency mode, luminaire only consumes 11 W.

For emergency lighting spacing, please see page 5.

LINK TABLE SPECIFICATION

Lumen package	LINK Watts (w/ft)	3 000 K	3 500 K	4 000 K	5 000 K
		LINK lumen output (lm/ft)	LINK lumen output (lm/ft)	LINK lumen output (lm/ft)	LINK lumen output (lm/ft)
S1	4	219.14	219.14	221.33	221.33
S2	5	222.54	222.54	224.79	227.02
S3	7	212.83	212.83	214.96	217.09
S4	9	211.87	211.87	213.99	216.10

* Data based on 90CRI fixtures.

COMPATIBLE DIMMERS

Brand	Model number
Lutron	Visit www.lutron.com/advance for a list of dimmers (Mark VII) that will work with this driver
Leviton	IllumaTech IP7 series
Philips	Sunrise - SR1200ZTUNV

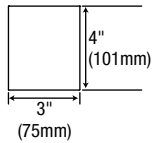
Data is based upon tests performed in a controlled environment. Actual performance can vary depending on operating conditions.
All products are subject to change or may be discontinued any time without notice.

DIMENSIONS

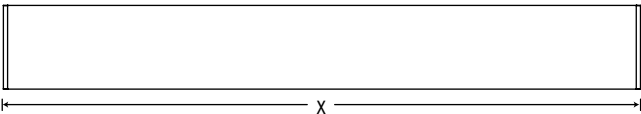
Fixture lenght L2K0U		
Size ¹	Metric	Imperial
02'	616	2' 1/4"
03'	914	3'
04'	1 212	3' 11 3/4"
05'	1 511	4' 11 1/2"
06'	1 809	5' 11 1/4"
07'	2 108	6' 11"
08'	2 406	7' 10 3/4"
09'	2 715	8' 10 15/16"
10'	3 013	9' 10 5/8"
11'	3 312	10' 10 7/16"
12'	3 610	11' 10 1/8"
13'	3 914	12' 10 1/8"
14'	4 212	13' 9 13/16"
15'	4 510	14' 9 5/8"
16'	4 809	15' 9 5/16"
17'	5 112	16' 9 5/16"
18'	5 411	17' 9"
19'	5 709	18' 8 13/16"
20'	6 008	19' 8 1/2"
21'	6 311	20' 8 1/2"

¹ Over 21 feet, consult factory.

FRONT VIEW



SIDE VIEW



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LINK

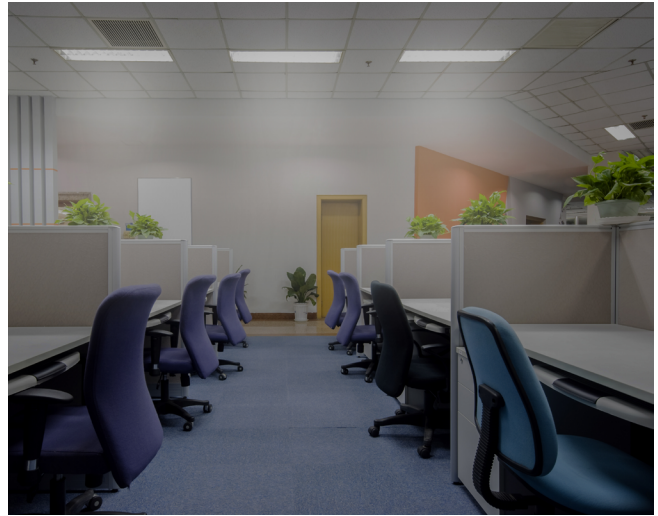
NORMALLY ON EMERGENCY REMOTE LUMINAIRE

This luminaire can be used with an emergency backup powered by either a 12 V or 24 V DC Stanpro battery unit, complete with or without auto test.

NORMAL MODE



EMERGENCY MODE



TYPICAL SPECIFICATION

Supply and install Stanpro LINK _____ ft, LED linear surface, Model number: _____ remote normally ON emergency luminaire, CSA C22.2 141-15 certified and meet the requirements prescribed by ICES-005. Normally ON when AC is present and when connected to a Stanpro battery unit complete with or without auto test, the luminaire shall act as an emergency lighting remote and consume 11 W of DC power in _____ V producing 997 - 1 068 lumens in emergency mode.

The remote normally ON emergency luminaire shall be powered by a Stanpro emergency lighting battery unit as described herein and shown on the drawings. The Stanpro auto diagnostic micro-controller board shall supply the rated load for a minimum of a 1/2 hour to 87.5% of the rated battery voltage. The unit shall be rated 120 V, 277 V or 347 V, 60 Hz and be CSA listed. The unit shall have an output of: ____V and ____W. The charge voltage factory set to $\pm 1\%$ tolerance. High efficiency, rapid recovery, precision control charging system shall be employed to promote long battery life and reduce the potential for grid corrosion. The charger shall provide a continuous high charge to recharge the battery, when the battery is at full capacity, the charger will shut-off. Periodically the charger shall provide a pulse of energy to keep the battery topped off. The pulse charger shall be precisely regulated and shall charge the battery in relation to its temperature, state or charge and input voltage fluctuations. The charger shall be current limited, temperature compensated, short-circuit proof and reverse polarity protected. The unit shall be furnished with an electronic lockout circuit, which will connect the battery when the AC circuit is activated, and an electronic brownout circuit, which will activate the emergency lights when utility power dips below 75% of nominal voltage. A low voltage battery protection circuit shall be provided and will disconnect the load when the battery reaches the end of discharge.

The automated testing performed by the Stanpro auto test system has been designed to comply with all of the requirements of the National Fire Code. Every month, a 5 minute discharge and diagnostic test checks the operational status of the unit. Every 12 months, this test is extended to the full 30 minute, code required duration. This ensures that the battery charger is recharging the battery in accordance with code requirements.

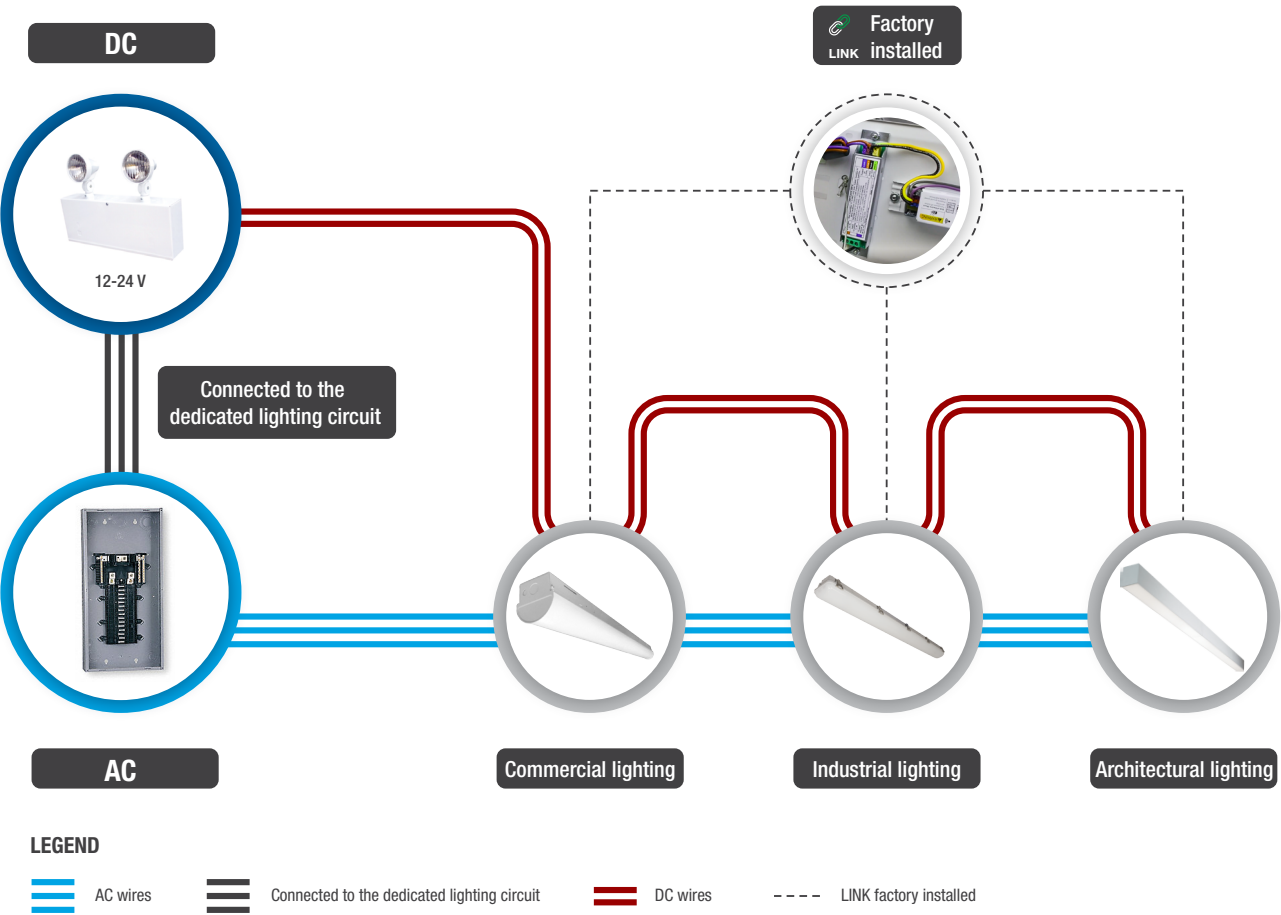
The unit shall be Stanpro model: SL_ _____

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LINK
NORMALLY ON EMERGENCY REMOTE LUMINAIRE

LINK Wiring Diagram

LINK
remote
normally ON
emergency lighting
luminaire



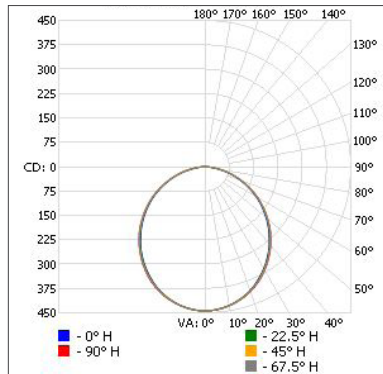
Emergency mode	Spacing
L2KOU	Average spacing for 1 out of every 4 luminaires, normally ON in the path of egress, when at 8, 10, or 12 foot mounting heights.

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GENERAL PHOTOMETRIC DATA¹

L2KOU-04LS190-XX-40K • 1 223.2 lm

Polar candela distribution



Zonal lumen summary

Zone	Lumens	% Fixture
0-30	339.9	27.8
0-40	552.7	45.2
0-60	966.2	79
60-90	257.1	21
70-100	108.9	8.9
90-120	0	0
0-90	1 223.2	100
90-180	0	0
0-180	1 223.2	100

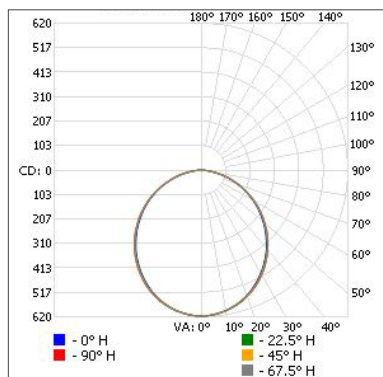
Illuminance at a distance

Center beam fc		Beam width	
2.0'	111.1	5.5'	5.7'
4.0'	27.8	10.9'	11.3'
6.0'	12.3	16.4'	17.0'
8.0'	6.9	21.9'	22.7'
10.0'	4.4	27.4'	28.4'

Vert. spread: 107.7°
 Horiz. spread: 109.6°

L2KOU-04LS290-XX-40K • 1 698.9 lm

Polar candela distribution



Zonal lumen summary

Zone	Lumens	% Fixture
0-30	472.0	27.8
0-40	767.6	45.2
0-60	1 341.9	79
60-90	357	21
70-100	151.3	8.9
90-120	0	0
0-90	1 698.9	100
90-180	0	0
0-180	1 698.9	100

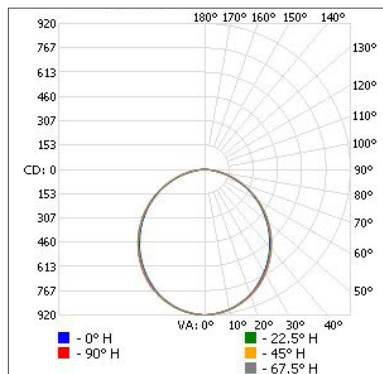
Illuminance at a distance

Center beam fc		Beam width	
2.0'	154.2	5.5'	5.7'
4.0'	38.6	10.9'	11.3'
6.0'	17.1	16.4'	17.0'
8.0'	9.6	21.9'	22.7'
10.0'	6.2	27.4'	28.4'

Vert. spread: 107.7°
 Horiz. spread: 109.6°

L2KOU-04LS390-XX-40K • 2 531.4 lm

Polar candela distribution



Zonal lumen summary

Zone	Lumens	% Fixture
0-30	703.3	27.8
0-40	1 143.7	45.2
0-60	1 999.4	79
60-90	532.0	21
70-100	225.4	8.9
90-120	0	0
0-90	2 531.4	100
90-180	0	0
0-180	2 531.4	100

Illuminance at a distance

Center beam fc		Beam width	
2.0'	229.8	5.5'	5.7'
4.0'	57.5	10.9'	11.3'
6.0'	25.5	16.4'	17.0'
8.0'	14.4	21.9'	22.7'
10.0'	9.2	27.4'	28.4'

Vert. spread: 107.7°
 Horiz. spread: 109.6°

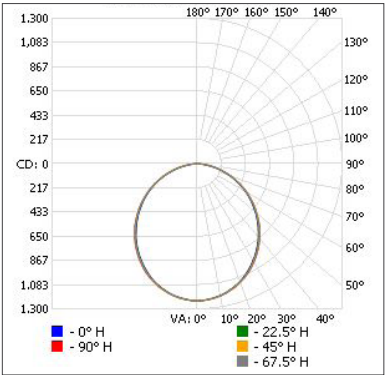
¹ Complete IES files available on our website.

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GENERAL PHOTOMETRIC DATA¹ (cont'd)

L2KOU-04LS490-XX-40K • 3 380.8 lm

Polar candela distribution



Zonal lumen summary

Zone	Lumens	% Fixture
0-30	939.3	27.8
0-40	1 527.6	45.2
0-60	2 670.4	79
60-90	710.5	21
70-100	301.0	8.9
90-120	0	0
0-90	3 380.8	100
90-180	0	0
0-180	3 380.8	100

Illuminance at a distance

Center beam fc		Beam width	
2.0'	307.0	5.5'	5.7'
4.0'	76.7	10.9'	11.3'
6.0'	34.1	16.4'	17.0'
8.0'	19.2	21.9'	22.7'
10.0'	12.3	27.4'	28.4'
Vert. spread: 107.7°		Horiz. spread: 109.6°	

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