



LUMASCAPE

**MODELS** LS371A  
12V 20watt max.  
IP68 rated 1.5M Class 1



# **A** IMPORTANT INSTRUCTIONS

START  
HERE

## For Installation 371A BOULEVARD: SURFACE MOUNT ONLY

**Warning:** The Luminaire should only be used complete with its protective shield (cover)

LumascapE Lighting Industries Pty Ltd  
38-44 Enterprise Street, Cleveland, QLD 4163, Australia  
PO Box 1875, Cleveland D.C., QLD 4163, Australia  
T 07 3286 2299  
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E sales@lumascapE.com.au  
W www.lumascapE.com.au

**Note:** To achieve IP65 rating, use round cable (size 5-10mm) to suit entry gland supplied with fixture.

**1**

108MM (4.25IN)  
54MM (2.13IN) 54MM (2.13IN)  
22.5MM (0.89IN)  
CENTRE OF FIXTURE  
Ø 25MM MINIMUM  
30MM (1.18IN)  
HOLE TO SUIT MOUNTING SCREW 38MM (1.5IN)

Mark locations of fixtures (refer voltage drop chart over). Mark and drill/cast holes.

**2**

Remove lid from fixture and insert cable gland into base (optional, required for Ip68 rating).

**3**

Terminate cable in fixture.

**4**

Tighten cable gland onto cable.  
Note: Ensure only round supply cable is used and cable gland seals on the outer insulation to ensure maximum IP rating.

**5**

Screw base to mounting surface.

**6**

Insert lamp.

**7**

Test fixture.

**8**

Re-Attach lid to fixture.

**RELAMPING**  
Remove cover and re-lamp as per instructions 6,7,8.

[www.lumascapE.com.au](http://www.lumascapE.com.au)

LUMASCAPE HEAD OFFICE T 07 3286 2299 F 07 3286 6599	LUMASCAPE SYDNEY - NSW T 02 9519 8860 F 02 9519 8834	LUMASCAPE MELBOURNE - VIC T 03 9686 1900 F 03 9686 1700	H.I. LIGHTING LUMASCAPE AGENT - WA T 08 9321 5422 F 08 9321 5881	LIGHTING PARTNERS AUSTRALIA LUMASCAPE AGENT - SA T 08 8232 0074 F 08 8232 0076	NQ LIGHTING LUMASCAPE AGENT - NTH QLD T 07 4031 4490 F 07 4031 5933	ECC LIGHTING LUMASCAPE AGENT - NZ T 09 379 9680 F 09 308 9328	LUMASCAPE USA INC Free Call 1-866-695-LUMA(5862) T 1-(650)-595-LUMA(5862) 1-(650)-595-8820
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## IMPORTANT SAFETY INSTRUCTIONS

### WARNING - To reduce the risk of FIRE or INJURY:

1. Luminaires and transformers to be installed by qualified installers only.
2. Luminaires to be used for intended purpose only. e.g Wall Mount fittings must be wall mounted.
3. Luminaires can become very hot. Use discretion in placement.
4. Do not touch hot lens, guard, or enclosure.
5. CAUTION - HOT SURFACE. Keep away from curtains and other combustible material.
6. Turn Off/Unplug and allow to cool before replacing lamp.
7. Keep lamp away from materials that may burn.
8. Never touch lamp with bare fingers. Oil from skin may damage lamp. Hold lamp with soft cloth when installing or replacing.
9. Do not operate the luminaires with a missing or damaged parts.
10. Replace any cracked protective shield
11. Use only lamp type, voltage and wattage as specified by Lumascope on the product label.
12. Use only genuine Lumascope parts to replace damaged or missing components.
13. Luminaires supplied with Loctite Silver Grade Anti Seize lubricant on threads. Reapply if needed.
14. Refer to instructions for installation and operating requirements.
15. Ensure installation complies with local regulations

### SAVE THESE INSTRUCTIONS.



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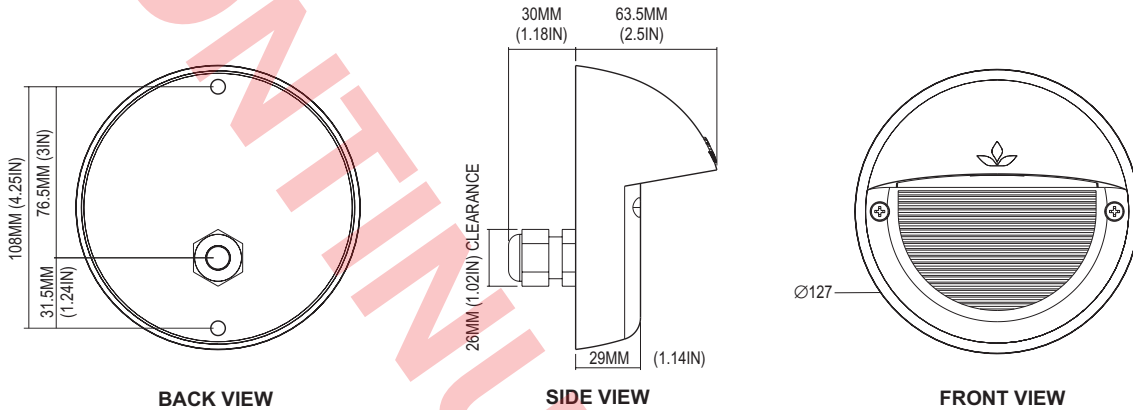
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## DRILLING TEMPLATE

WALL MOUNTING HOLES

CABLE ENTRY/  
GLAND LOCATION

WALL MOUNTING HOLES

ACTUAL SIZE 1:1

[www.lumascap.com.au](http://www.lumascap.com.au)

LUMASCAPE  
HEAD OFFICE  
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LUMASCAPE  
SYDNEY - NSW  
T 02 9519 8860 F 02 9519 8834

LUMASCAPE  
MELBOURNE - VIC  
T 03 9686 1900 F 03 9686 1700

H.I. LIGHTING  
LUMASCAPE AGENT - WA  
T 08 9321 5422 F 08 9321 5881

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LUMASCAPE AGENT - SA  
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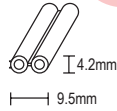
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LUMASCAPE AGENT - NTH QLD  
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ECC LIGHTING  
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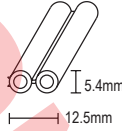
### CABLES

3.3mm<sup>2</sup> Figure 8 PVC Cable



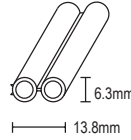
LS604

6mm<sup>2</sup> Figure 8 PVC Cable



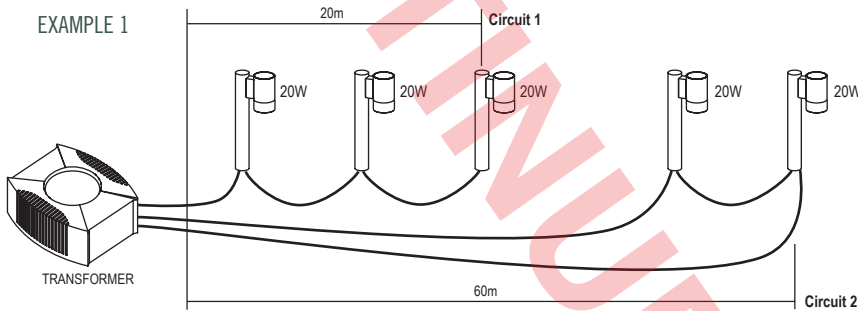
LS604-6

10mm<sup>2</sup> Figure 8 PVC Cable

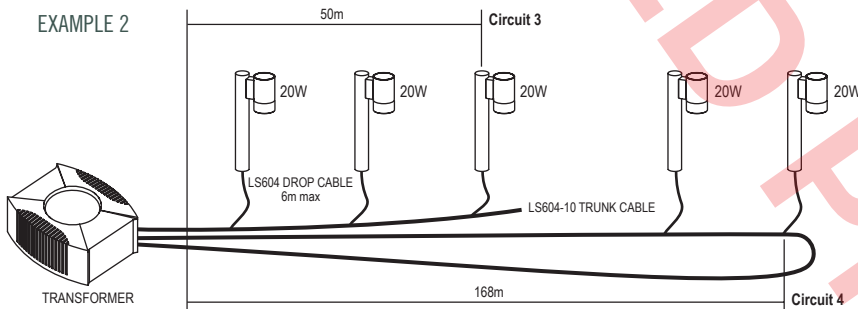


LS604-10

EXAMPLE 1



EXAMPLE 2



### CABLE VOLTAGE DROP

Excessive voltage drop causes lamps to have a low light output. The following charts and illustrations apply only to Lumascope supplied cable. The distance and wattage shown are maximum and should not be exceeded.

#### EXAMPLE 1

##### Using drop cable only

This example shows the correct way to install Lumascope light luminaires using LS604 (3.3mm<sup>2</sup>) drop cable. The total load on Circuit 1 is 60W over 20 metres as allowed in the Voltage Drop table. The load on Circuit 2 is 40W and by using a doubled cable this circuit can be 60 metres.

#### EXAMPLE 2

##### Using trunk and drop cable only

This example shows the correct way to install Lumascope luminaires using LS604-10 (10mm<sup>2</sup>) trunk cable. The total load on Circuit 3 is 60W over 50 metres which is shorter than the 54 metres allowed in the Voltage Drop table. The load on Circuit 4 is 40W and using a doubled cable allows the circuit to be up to 168 metres long.

TABLE: VOLTAGE DROP

LOAD WATTAGE	DROP CABLE		TRUNK CABLE			
	3.3mm <sup>2</sup> LS604		6mm <sup>2</sup> LS604-6		10mm <sup>2</sup> LS604-10	
	SINGLE	DOUBLE	SINGLE	DOUBLE	SINGLE	DOUBLE
20	70m	140m	105m	210m	140m	280m
40	30m	60m	55m	110m	84m	168m
50	25m	50m	44m	88m	62m	124m
60	20m	40m	36m	72m	54m	108m
70	15m	30m	30m	60m	50m	100m
80	14m	28m	27m	54m	46m	92m
90	13m	26m	24m	48m	42m	84m
100	12m	24m	21m	41m	36m	72m
120	10m	20m	18m	36m	30m	60m
150	7m	14m	15m	30m	26m	52m
200	5m	10m	11m	22m	20m	40m
250	4m	8m	9m	18m	17m	34m

#### CAUTION

The distances and wattages shown are maximum and should not be exceeded.