

ST 100

ST100

DESCRIPTION

The SafeTouch 100 inground luminaire has been specifically designed with ultimate public safety as its primary objective. It produces high-output optically pure light, but operates with cool lens temperatures, low energy consumption and minimal maintenance. It has a fully adjustable gimble allowing 360 rotation and 0-20 elevation. This luminaire is extremely tough, durable and waterproof, making it ideal for installation in public spaces, large-scale projects and residential areas.



PURE LED

LED Chip	Cree CXA 1830 Plug-and-Play field replaceable LED, 37Vf
Output	2700 Lumens @ 700mA max
Lumens Per Watt	100lm/W
Power Consumption	25.9 watts @ 700mA
Colour Temperature	2700K, 3000K and 4000K
CRI Warm White (3000K)	80+ standard, 90+ optional
Beam Angle	13, 20, 25, 34 Degrees

\*Specification for pureled only, there are no other alternative lamp sources for this fixture

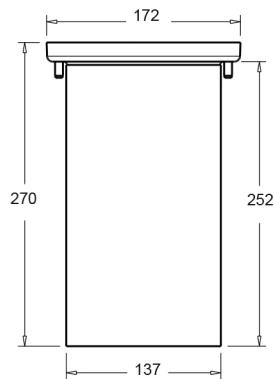
PHYSICAL PROPERTIES

Materials	Solid Bronze or 316 Stainless Steel Flange, Powdercoated Aluminium Body
Ingress Protection	IP67
Impact Resistance	IK10
Standards	BS/EN 60598.2.2, UL 1598, CSA C22.2 No. 250.0, CE

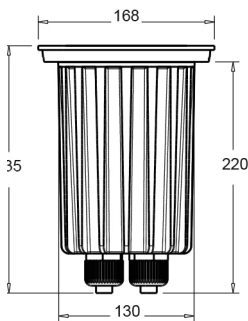
POWER SUPPLY OPTIONS

DRIVER REQ FOR SERIES WIRED ( CC FORMAT ) \*\* | NO DRIVER REQ FOR RETRO 'R' ( INTEGRAL 230V IN )

\*\* See pages 2, 7, 9 power supplies



ST100/L/SCAN



ST100/L/DB  
DIRECT BURIAL

CATEGORY  
RECESSED & INGROUND

LUMINAIRE

ST100/L/SCAN  
ST100/L/DB  
Direct Burial Model

A/S  
R  
D24

POWER

700mA INPUT (CC) SERIES WIRED  
RETRO, 110-240VAC INPUT  
24VDC DRIVER

BEAM

13  
20  
25  
34

COLOUR

22°  
20°  
25°  
34°

ACCESSORIES

2 2700K  
3 3000K  
4 4000K  
39 3000K,90+ CRI

HCL  
GS05  
FL  
A/SLIP  
CJK

HEX CELL LOUVRE  
GLARE SHIELD  
FROSTED LENS  
ANTI SLIP LENS  
CABLE JOINT KIT

MATERIAL/  
FINISH

SBZ  
SS

SOLID BRONZE  
STAINLESS STEEL

/L/S PURELED SERIES WIRED

Remote constant current driver required.  
Individual fixtures require:  
6VDC@700mA,  
700mA maximum

110/277VAC RETRO DRIVER

Constant current driver (included).  
Input: 110-240VAC  
Output: 30 watts total  
37VDC @ 700mA

24VDC DRIVER

Input: 24VDC  
Output: 36VDC @ 700mA  
constant current (non dimming).

PRODUCT CONFIGURATION