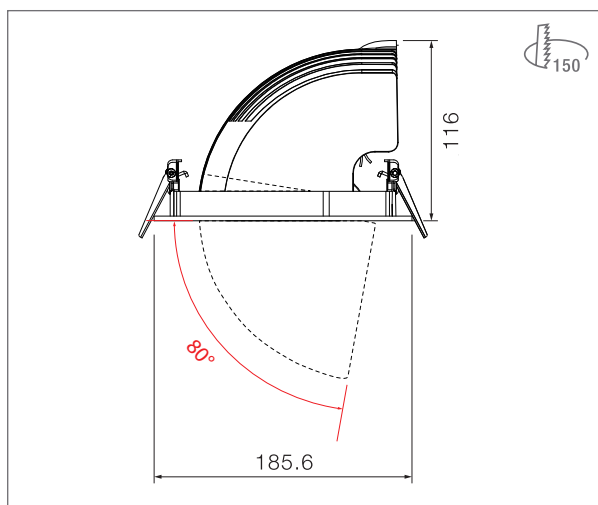


Scopio642



SEER[®]
LED
SUSTAINABLE LIGHTING SOLUTIONS



Why Genuine Is Important ?

CITILED[®]
The Light Engine

- Superior efficacy and light output
- Low thermal resistance
- Superior reliability, optimised die positioning.
- Specified, targeted and tested hot, at real world operating temperatures.
- Consistent colour control.



Scopio642 Downlight

LED Qty	1	
LED Type	CITIZEN (CLL032 1212A5)	
LED Power	38w	
System Power	42w	
Lumens per watt	93lm/w @ 720mA	
CCT	Neutral White	4000k
	Warm White	3000k
Luminous Ef- ficacy	Neutral White	2700Lumens ± 10%
	Warm White	2500 Lumens ± 10%
CRI	Neutral White	Ra ≥ 90
	Warm White	Ra ≥ 90
Beam Angle ⁽¹⁾	60° (18° - 25° - 35° Optional)	
Primary Voltage	AC220-240v	
Secondary Voltage	DC34v -40v	
Secondary Current	1050mA (Constant Current)	
Driver	Tridonic ⁽²⁾	
Operating Temp	-20°C to 50°C	
Ingress Protection	IP20 ⁽³⁾	
LED Certification	LM80	
Weight	884g	
Install Spacing	1.0 - 3.0m	
Product Colour	White - Black ⁽⁴⁾	

⁽¹⁾ Beam angles can be changed as required. The Scopio642 includes the Zhaga style interchangeable reflector bayonet connection system.

⁽²⁾ DALI Control optional, please consult with SeerLED sales for more information.

⁽³⁾ IP20 is for indoor use only.

⁽⁴⁾ Black is a non standard colour, can be ordered as an additional extra, delivery times may be longer than normal



IP 20



0-80°

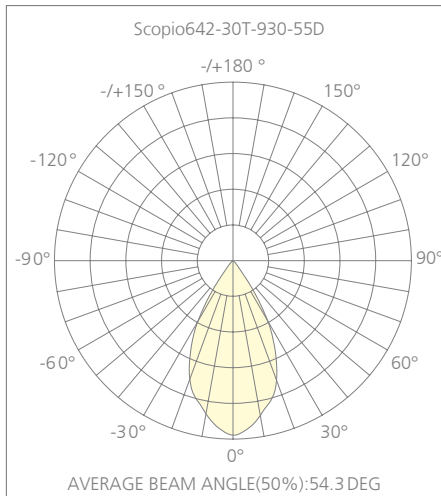


Scopio642 - Degrees of movement



SeerLED Pty Ltd recommends fitting luminaire and driver in accordance with national / state building regulations and AS/NZ3000 standard.

Photometric - Scopio642 - Warm White 3000k CRI90

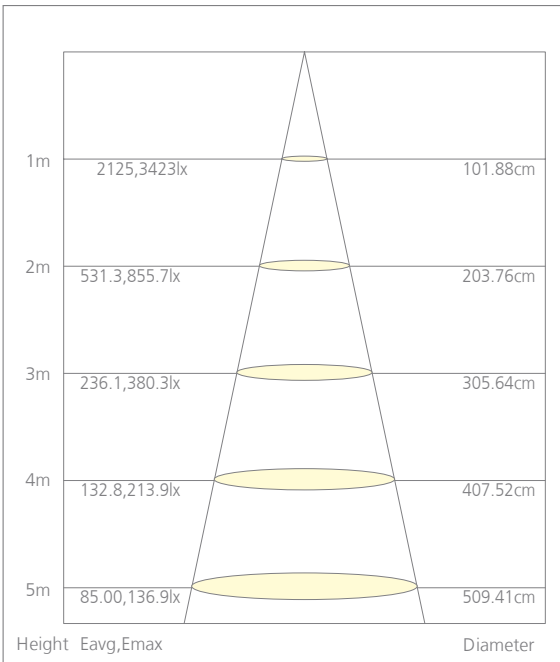


Light output ratio	
LOR	100%
ULOR	0 %
DLOR	100%
FFR	0.00 (0:100)
BLF	1.00

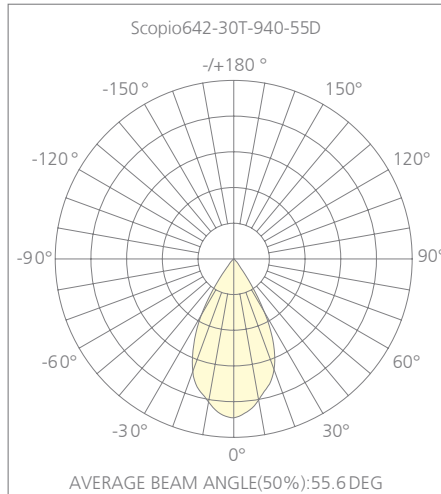
LUMINANCE cd/(m) ²		
G(°)	C0/180	C90/270
85	70	106
80	471	538
75	513	642
70	537	628
65	586	635
60	705	752
55	1046	1177
50	2164	2329

Room Reflectance			Utilization Factors									
			Room Index									
Ceiling	Walls	Floor	0.80	1.00	1.25	1.50	2.00	2.50	3.00	4.00	5.00	
70	50	20	91	95	99	102	104	106	108	110	111	

SHR Nom = 0.75 SHR Max = 0.85
According to DIN EN 13032-2 2004



Photometric - Scopio642- Neutral White 4000k CRI90

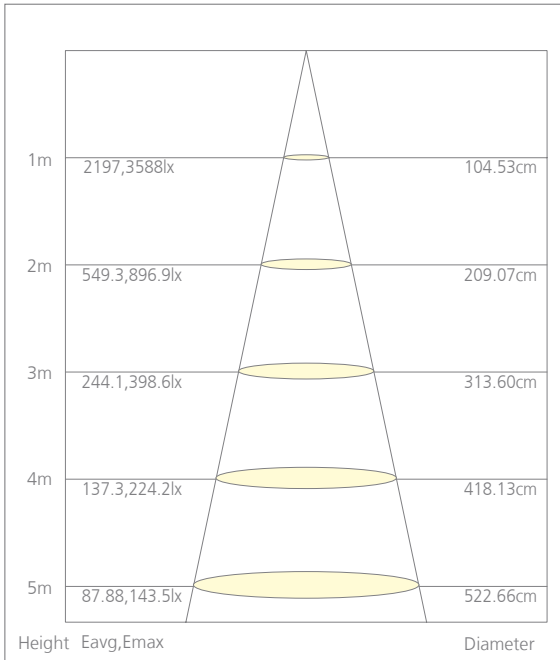


Light output ratio	
LOR	100%
ULOR	0 %
DLOR	100 %
FFR	0.00 (0:100)
BLF	1.00

LUMINANCE cd/(m) ²		
G(°)	C0/180	C90/270
85	81	88
80	527	609
75	605	695
70	623	682
65	664	703
60	772	825
55	1144	1284
50	2385	2610

Room Reflectance			Utilization Factors									
			Room Index									
Ceiling	Walls	Floor	0.80	1.00	1.25	1.50	2.00	2.50	3.00	4.00	5.00	
70	50	20	90	95	99	102	104	106	108	110	111	

SHR Nom = 0.75 SHR Max = 0.85
According to DIN EN 13032-2 2004



Standard Order Table - Scopio642 60° 42w Downlight

<i>Model</i>	<i>Code</i>	<i>CCT</i>	<i>Colour</i>	<i>Beam</i>	<i>Driver</i>
Scopio642	Scopio642.NW	Neutral	White	60°	Tridonic TEC SR Non Dimmable
Scopio642	Scopio642.WW	Warm	White	60°	Tridonic TEC SR Non Dimmable

Non Standard Order Table - Scopio642 60° 42w Downlight

<i>Model</i>	<i>Code</i>	<i>CCT</i>	<i>Colour</i>	<i>Beam</i>	<i>Driver</i>
Scopio642	Scopio642.NW	Neutral	Black	60°	Tridonic TEC SR Non Dimmable
Scopio642	Scopio642.WW	Warm	Black	60°	Tridonic TEC SR Non Dimmable

Non Standard Order Table - Scopio142 18° 42w Downlight

<i>Model</i>	<i>Code</i>	<i>CCT</i>	<i>Colour</i>	<i>Beam</i>	<i>Driver</i>
Scopio142	Scopio142.NW	Neutral	White	18°	Tridonic TEC SR Non Dimmable
Scopio142	Scopio142.NB	Neutral	Black	18°	Tridonic TEC SR Non Dimmable
Scopio142	Scopio142.WW	Warm	White	18°	Tridonic TEC SR Non Dimmable
Scopio142	Scopio142.WB	Warm	Black	18°	Tridonic TEC SR Non Dimmable

Non Standard Order Table - Scopio242 25° 42w Downlight

<i>Model</i>	<i>Code</i>	<i>CCT</i>	<i>Colour</i>	<i>Beam</i>	<i>Driver</i>
Scopio242	Scopio242.NW	Neutral	White	25°	Tridonic TEC SR Non Dimmable
Scopio242	Scopio242.NB	Neutral	Black	25°	Tridonic TEC SR Non Dimmable
Scopio242	Scopio242.WW	Warm	White	25°	Tridonic TEC SR Non Dimmable
Scopio242	Scopio242.WB	Warm	Black	25°	Tridonic TEC SR Non Dimmable

Non Standard Order Table - Scopio342 35° 42w Downlight

<i>Model</i>	<i>Code</i>	<i>CCT</i>	<i>Colour</i>	<i>Beam</i>	<i>Driver</i>
Scopio342	Scopio342.NW	Neutral	White	35°	Tridonic TEC SR Non Dimmable
Scopio342	Scopio342.NB	Neutral	Black	35°	Tridonic TEC SR Non Dimmable
Scopio342	Scopio342.WW	Warm	White	35°	Tridonic TEC SR Non Dimmable
Scopio342	Scopio342.WB	Warm	Black	35°	Tridonic TEC SR Non Dimmable

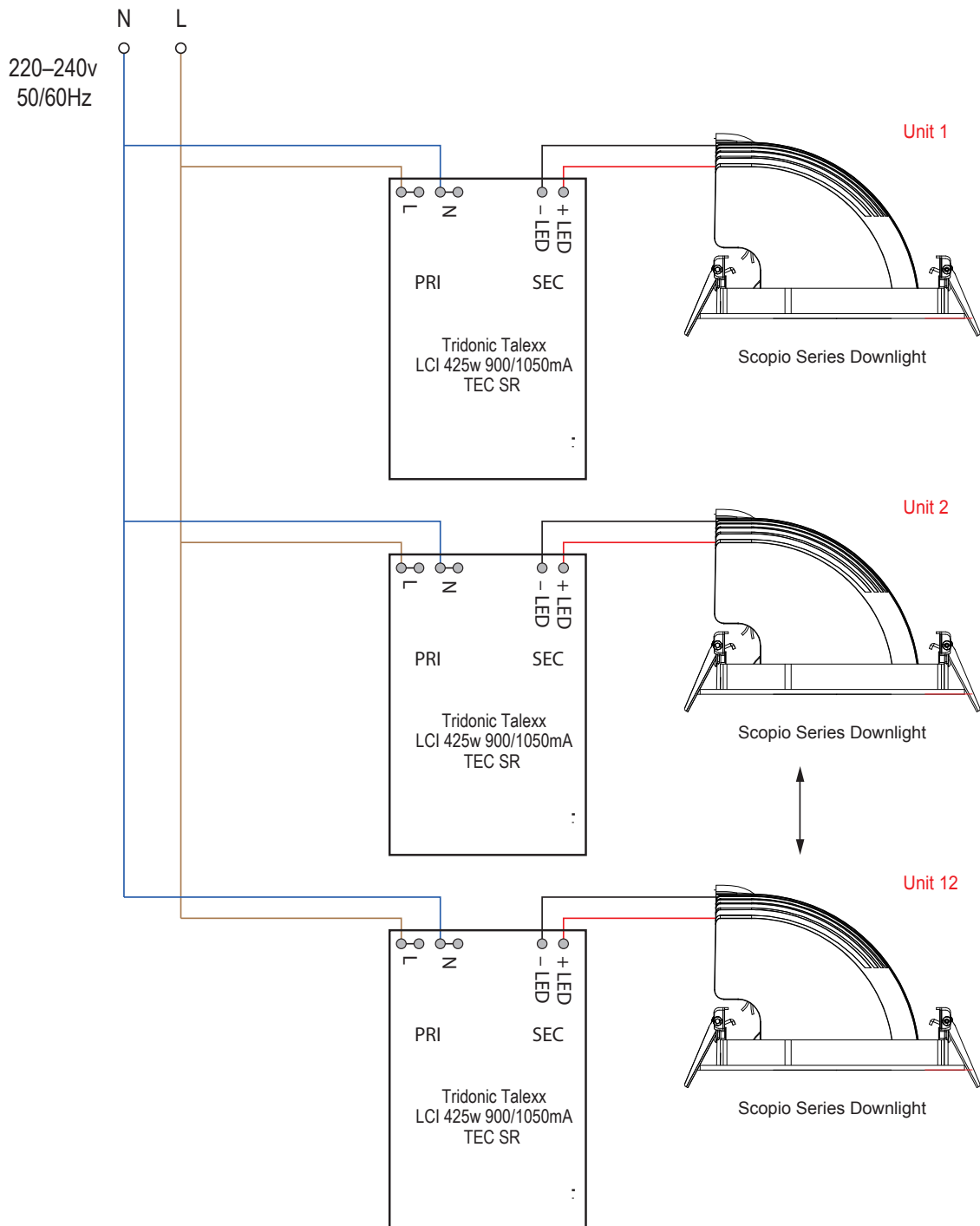
Driver Options

<i>Model</i>	<i>Manufacturer</i>	<i>Warranty</i>	<i>Dimming</i>	<i>C-Bus</i>
LCI 42w 900/1050mA TEC SR ⁽¹⁾	Tridonic	5 yrs	No	No
LCAI 55w 900/1750mA ECO SR	Tridonic	5 yrs	DALI / DSI / SwitchDIM	Yes

⁽¹⁾All Scopio luminaires are provided with non dimmable drivers as standard. DALI dimmable driver is an optional extra, document at the time of purchase.

Wiring Diagram

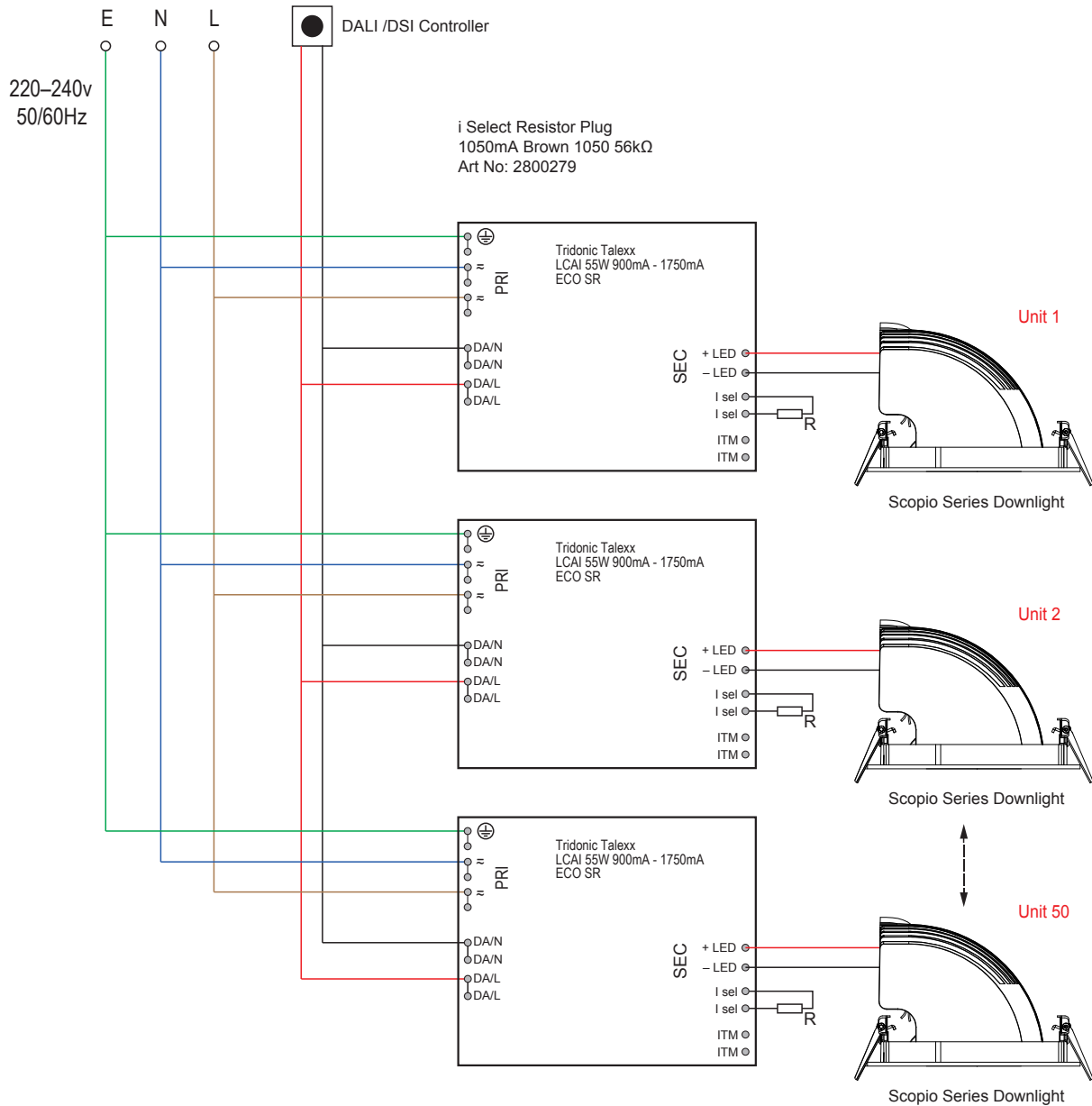
Non Dimmable - Typical 1-12pc Layout



SeerLED Pty Ltd recommends fitting luminaire and driver in accordance with national / state building regulations and AS/NZ3000 standard.

Wiring Diagram

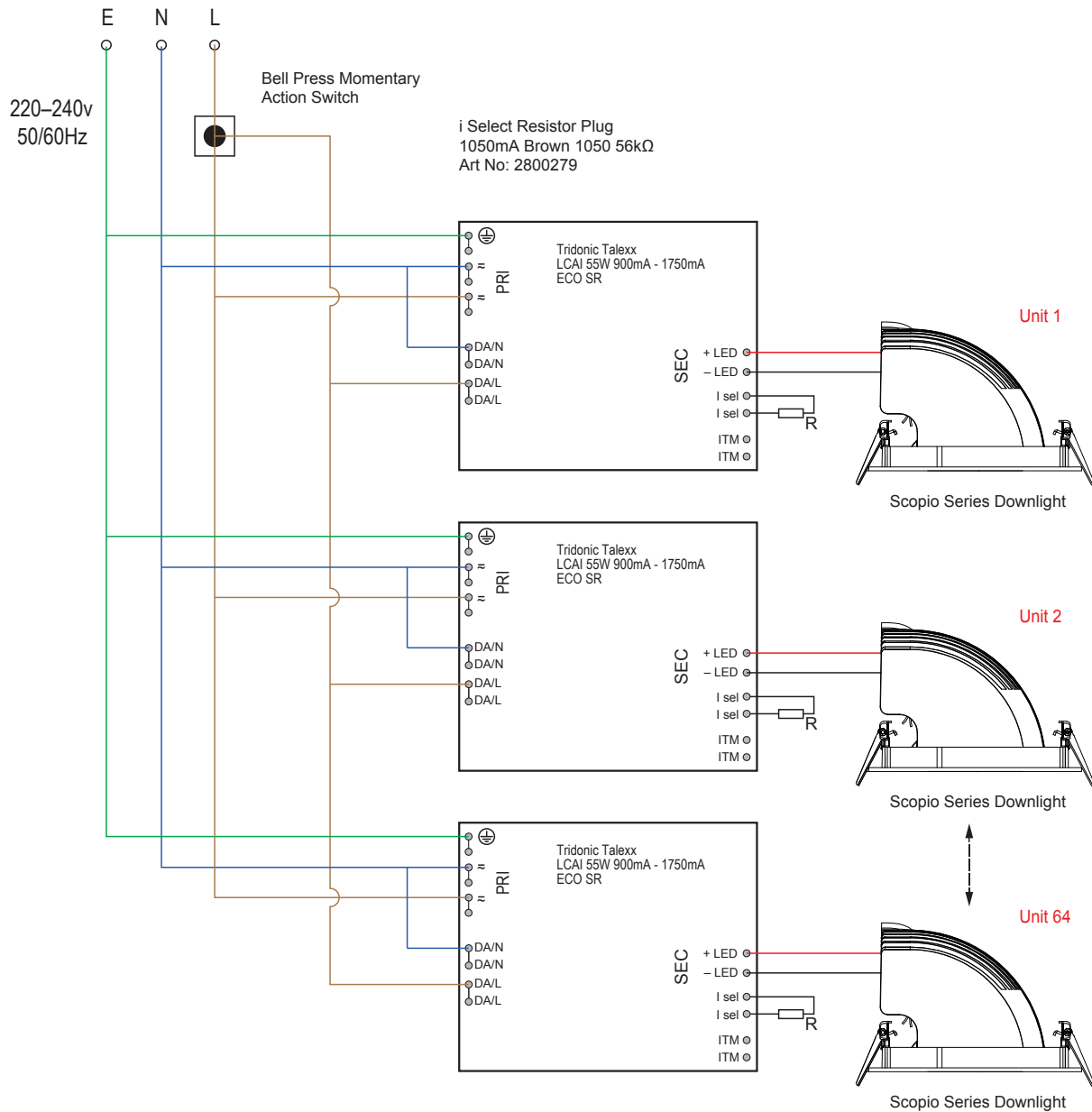
DALI - Typical 1-64pc Layout



SeerLED Pty Ltd recommends fitting luminaire and driver in accordance with national / state building regulations and AS/NZ3000 standard.

Wiring Diagram

SwitchDIM - Typical 1-50pc Layout



SeerLED Pty Ltd recommends fitting luminaire and driver in accordance with national / state building regulations and AS/NZ3000 standard.