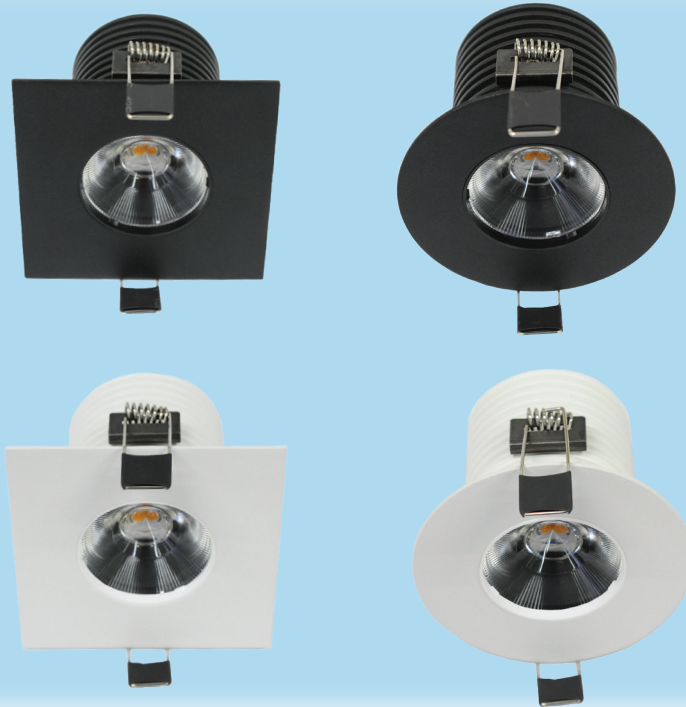


RECESSED DOWNLIGHT



RECESSED DOWNLIGHT



*Signature
Designed by WIP*

LED SPOT CEILING LIGHT

Specification

The light shell is die-casting aluminum and modern design offers a better perspective, black and white color, very low power consumption, energy saving, clean and smooth. Carmen series is the premium solutions for class indoor lighting with dark light brightness concept. It has convenient installation, operation and maintenance also provided long life-time usage. This is a perfect option for commercial lighting applications with an aesthetic streamline, idea for home lighting, office, hotel, etc.

Input Voltage	31-36 VDC	LED Life Time	50,000 hrs.	Housing	Die-cast Aluminium
Work Temperature	-10°C to + 65°C	Dimmable	Dim, Non-Dim	Cover Plate	Rectangular, Round
Beam Angle	~12° spot beam, ~24° spot beam, ~35° Medium beam, ~55° Wide beam, ~11° spot beam, ~25° spot beam, ~35° spot beam, ~50° spot beam, Asymmetric beam for wall washing	Lens Material	PMMA	Finishing	Powder Coated black or white
		LED Light Source	Luminus, Citizen	Panel Cut-Out	83 mm.
		CRI	>80 (2700K-6500K) >90 (2400K-5000K)	Warranty	1 Year
		CCT	2400K, 2700K, 3000K, 3500K, 4000K, 5000K, 6500K, 7800K, Tunable Warm (1800K-4000K) Tunable White (2700K-6500K)		

Model		Power (W)	Luminous Flux (lm)	Efficiency (lm/W)	Weight (Kg.)	Dimension (mm.)
Carmen	Ronda					
WS-C5	WS-R5	5	350	70	0.340	95x95x66
WS-C7	WS-R7	7	490	70	0.340	95x95x66
WS-C9	WS-R9	9	630	70	0.340	95x95x66
WS-C11	WS-R11	11	770	70	0.340	95x95x66
WS-C13	WS-R13	13	910	70	0.340	95x95x66

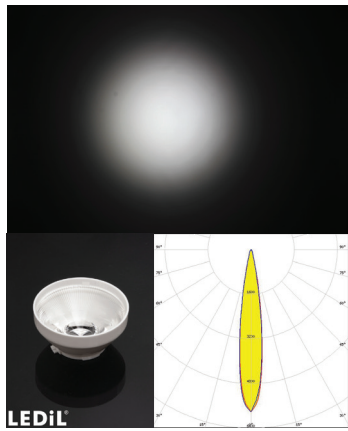


TIS 1955-2551

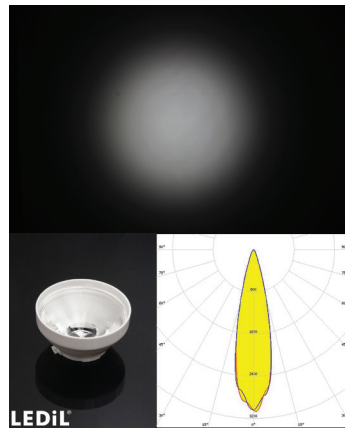
Products of Thailand

RECESSED DOWNLIGHT

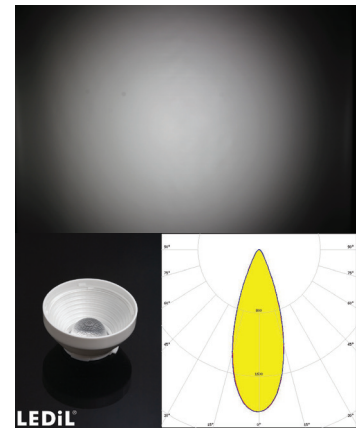
LENS



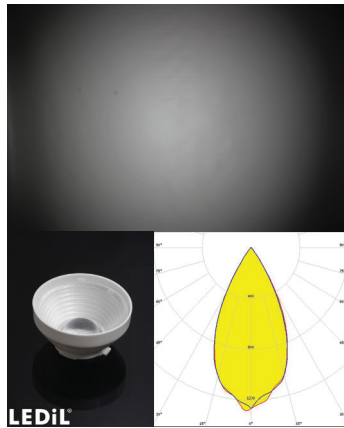
~11° spot beam.



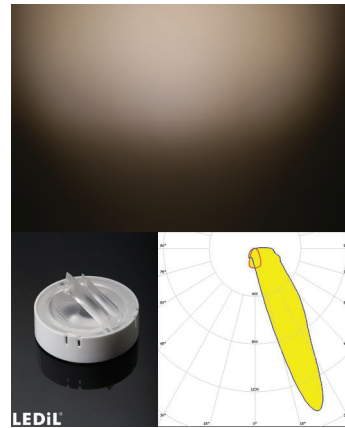
~25° spot beam.



~35° spot beam.

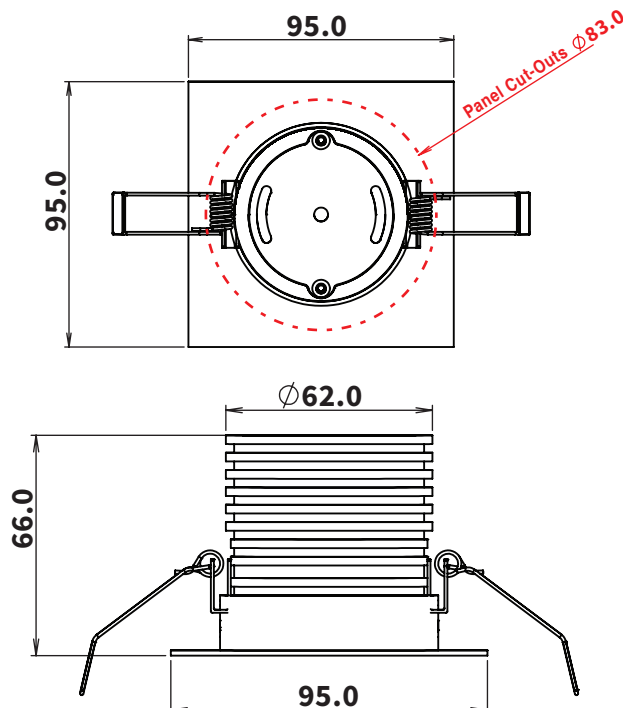


~50° spot beam.



Asymmetric beam for wall washing

Dimension (in mm.)



Model		Panel Cut-Outs	Dimension (mm.)		
Carmen	Ronda		(W)	(L)	(H)
WS-C5	WS-R5	Ø 83	95	95	66
WS-C7	WS-R7	Ø 83	95	95	66
WS-C9	WS-R9	Ø 83	95	95	66
WS-C11	WS-R11	Ø 83	95	95	66
WS-C13	WS-R13	Ø 83	95	95	66

RECESSED DOWNLIGHT



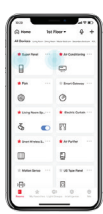
Option Bluetooth Control



Bluetooth®

Multiple control modes for different applications

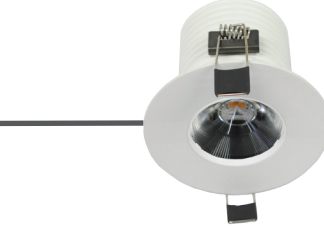
Realize fast dimming



APP



Bluetooth LED Driver



LED Spot Ceiling Light

Link up the remote with the LED driver via App to control the driver both by App and remote



APP



Remote



Bluetooth Wireless Switch



Bluetooth LED Driver



LED Spot Ceiling Light

Link up the Super Panel with the LED driver via App to control the driver both by App and Super Panel. Also connecting the Super Panel to network allows you to remotely control the driver, cloud scenes and automatic linkage



APP



Super Panel



Bluetooth LED Driver



LED Spot Ceiling Light



Products of Thailand

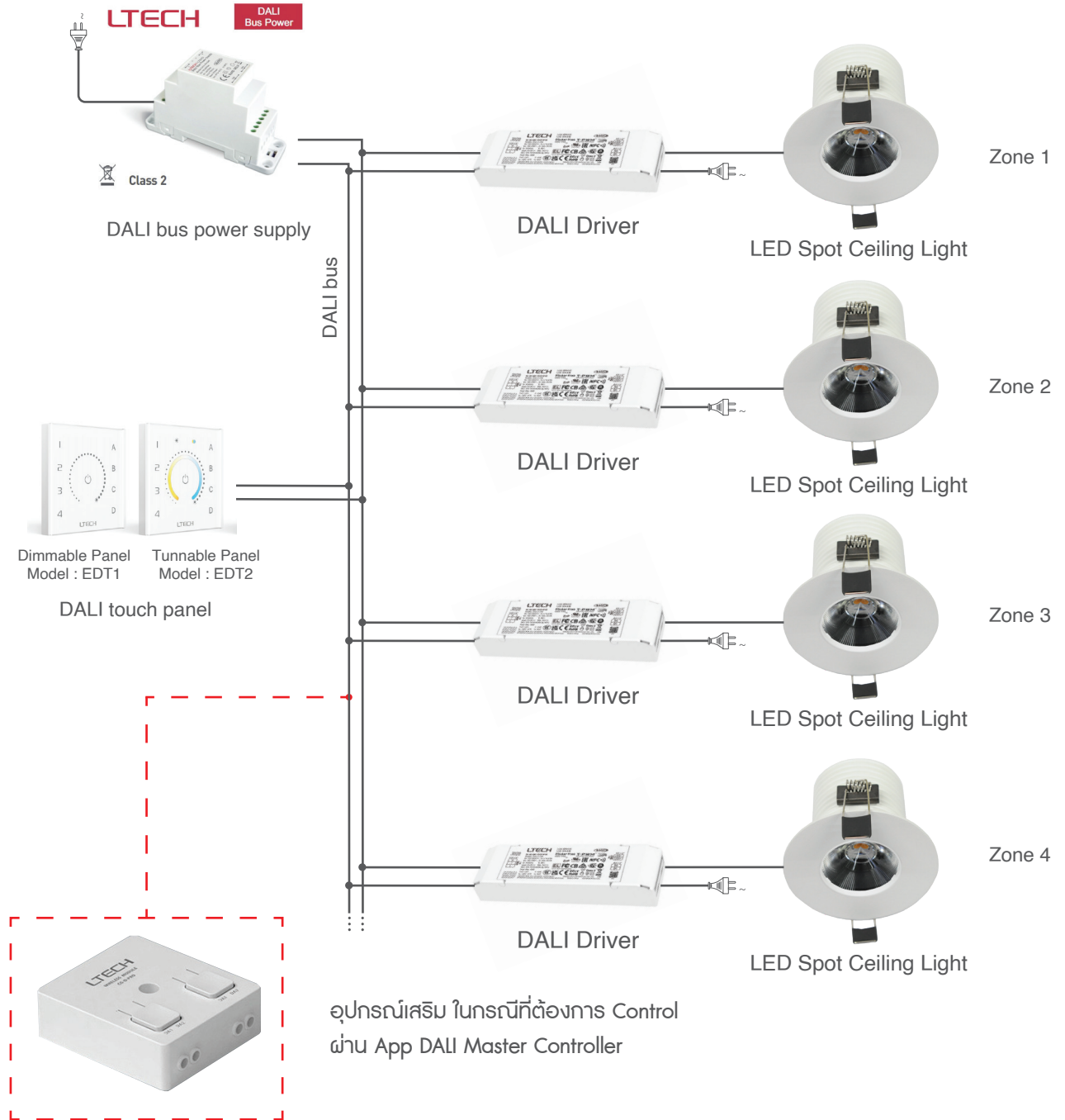
RECESSED DOWNLIGHT



Option Dimmable / Tunable Control

DALI DIMMABLE / TUNABLE CONTROL SYSTEM

Wiring Diagram



Super LED Dimming Module 2.0
(DALI master controller)
Model : CG-D



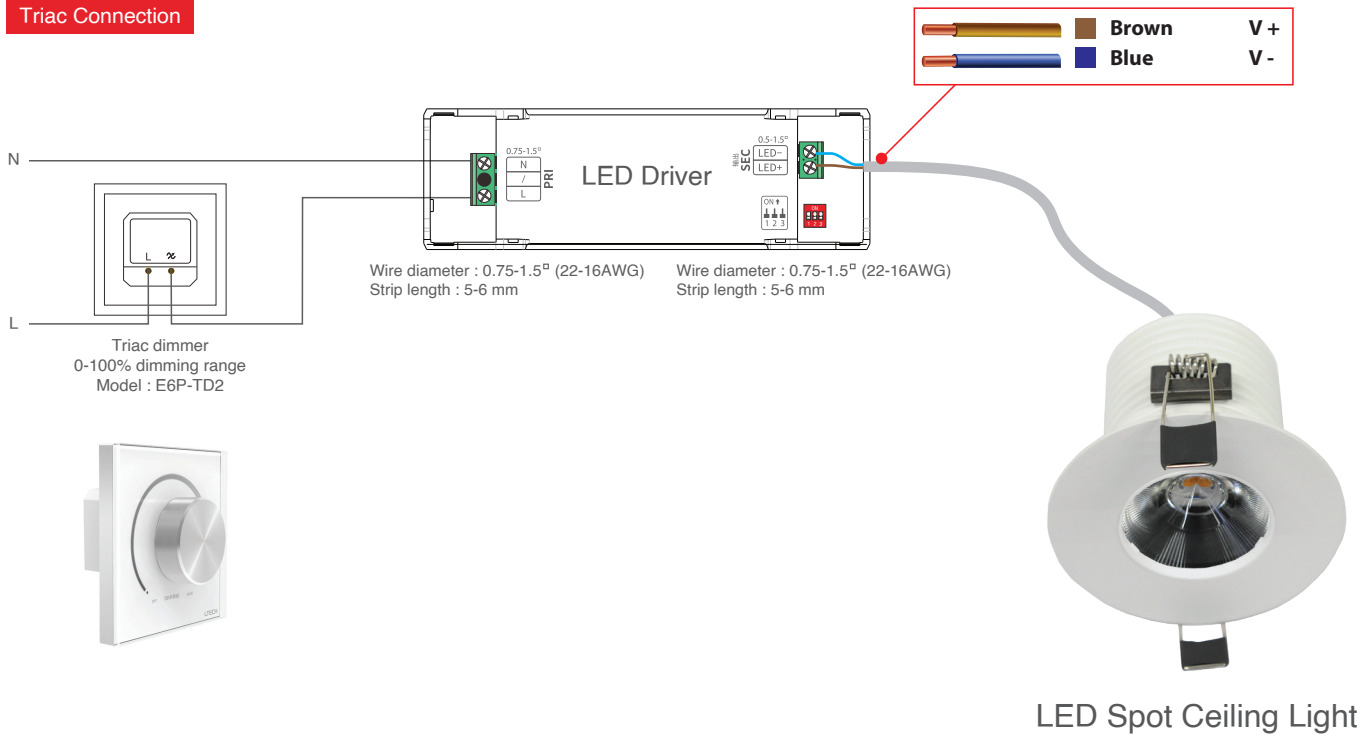
RECESSED DOWNLIGHT



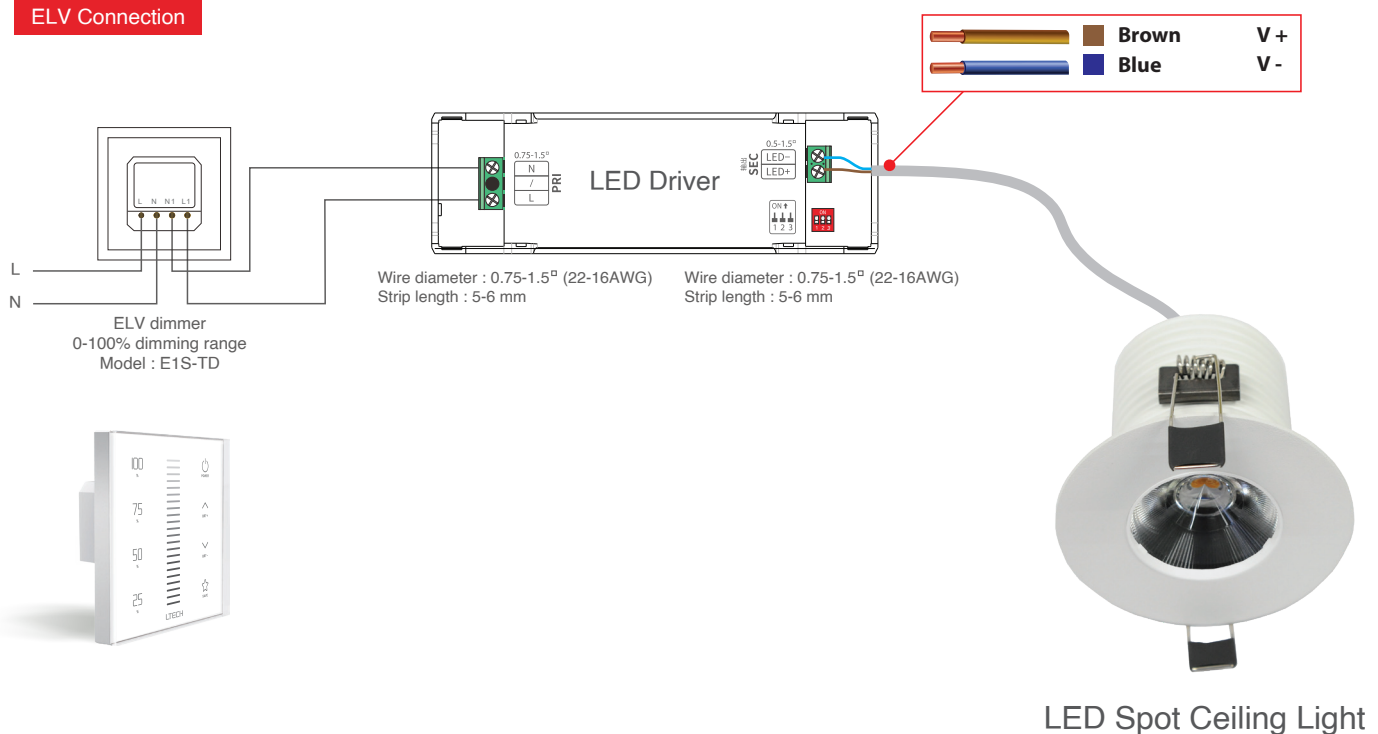
Option Dimmable Control

TRIAC DIMMABLE CONTROL

Triac Connection



ELV Connection



RECESSED DOWNLIGHT



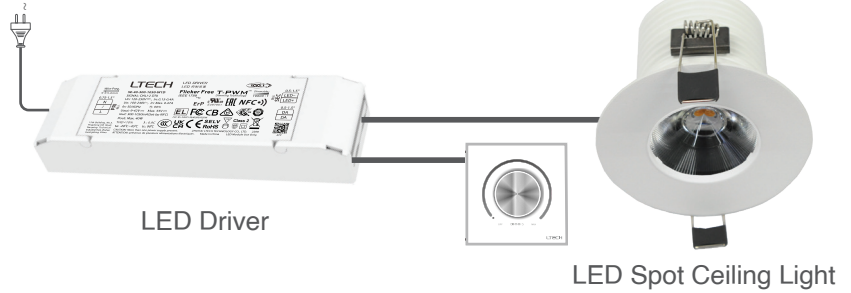
Option Dimmable / Tunable Control

0/1 - 10 DIMMABLE / TUNABLE CONTROL

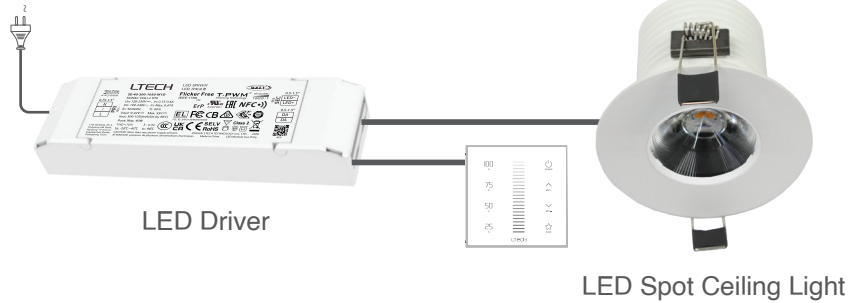
DIMMABLE



0-10V Dimmer
Model : E610P



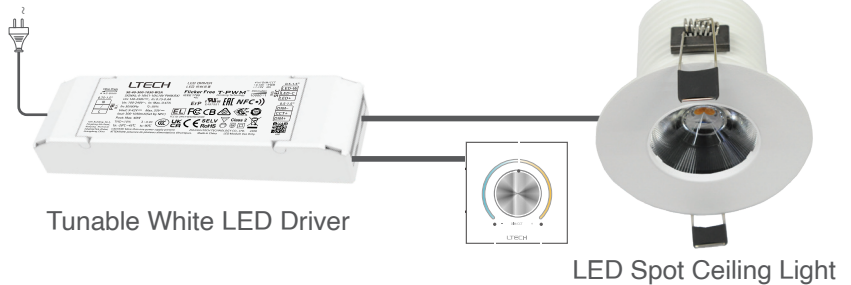
E1S-AD Series
Touch Panel (dimming)
Model : E1S-AD



TUNABLE



0-10V Tunable White
LED Dimmer
Model : E610P-CT



ECT2 CT Touch Panel
Model : ECT2

