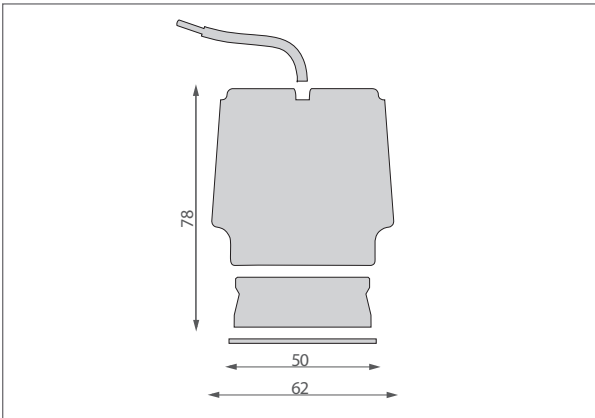


NeosR616





NeosR616 - 60° 16w

LED Qty	1	
LED Type	Citizen (Model???)	
LED Power	13.0w	
System Power	16.0w	
CCT	Neutral White	4000k
	Warm White	3000k
Luminous Efficacy	Neutral White	1400 Lumens ± 10%
	Warm White	1400 Lumens ± 10%
CRI	Neutral White	Ra ≥ 90
	Warm White	Ra ≥ 90
Beam Angle	60°	
Primary Voltage	AC240v	
Secondary Voltage	DC34v -40v	
Secondary Current	350mA (Constant Current)	
Driver	Dimtronic - Triac Dimmable	
Operating Temp	-20°C to 50°C	
Ingress Protection	IP20	
LED Certification	LM80	
Weight	105g	
Install Spacing	1.0 - 3.0m	
Product Colour	White ~ Grey ~ Black Custom Colours*	

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.
- Consistant colour control.

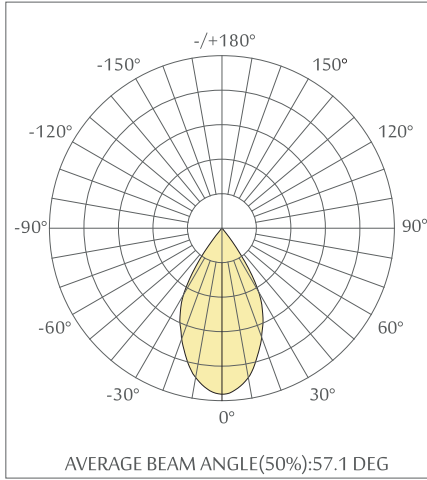
60° | IP 20 | CE | RoHS 2002/95/EC | QUALITY GUARANTEE 3 YEAR

The Ultimate Flexible Design Solution

NeosR616 Light Engine + F4 Trim Kit = NeosR616-F4 Luminaire

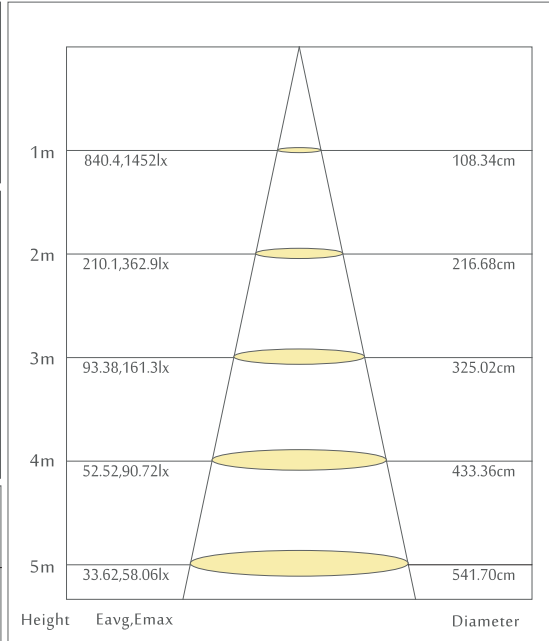
SeerLED Pty Ltd recommends fitting luminaire and driver in accordance with national / state building regulations and AS/NZ3000 standard.

Photometric - NeosR616 - 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(DEG)	C0/180	C90/270
85	3254	2915
80	3553	2893
75	3311	2950
70	3343	3179
65	3646	3646
60	4304	4409
55	5459	5718
50	7251	7633

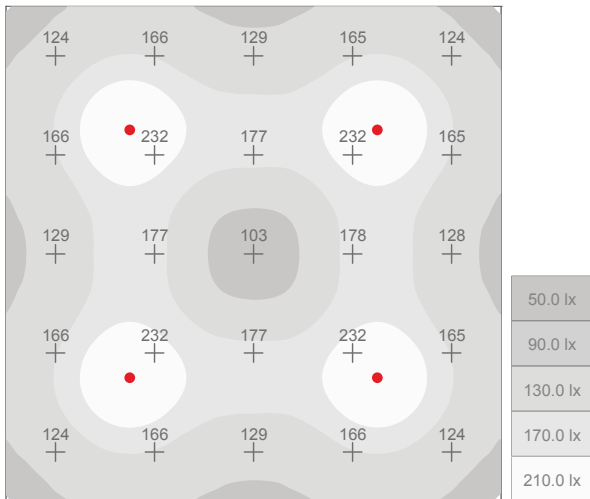


Room Reflectance		Utilization Factors																		
Ceiling	Walls	Floor	Room Index																	
70	50	20	0.80	1.00	1.25	1.50	2.00	2.50	3.00	4.00	5.00	91	95	99	102	105	106	108	110	111

SHR Nom = 0.75 SHR Max = 0.90
According to DIN EN 13032-2 2004

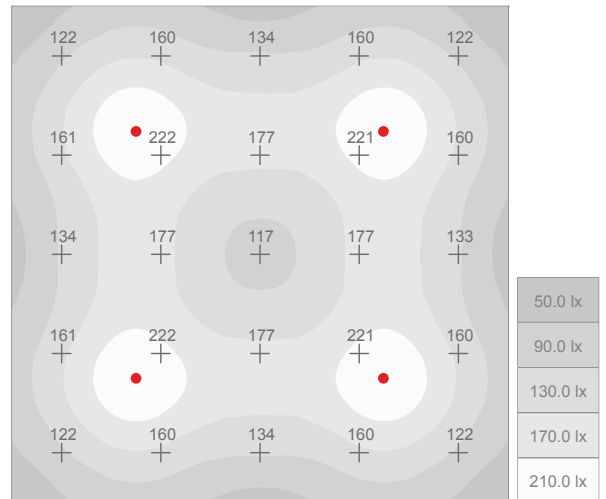
General Layout 2.7m Ceiling

Ceiling Height:	2.7m
Room Dimensions:	4m x 4m
Illumination (Av):	159lux
Uniformity:	0.290
Spacing:	2.0m



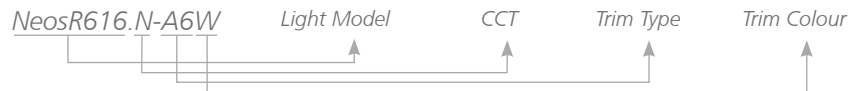
General Layout 3.0m Ceiling

Ceiling Height:	3.0m
Room Dimensions:	4m x 4m
Illumination (Av):	158lux
Uniformity:	0.324
Spacing:	2.0m



Standard Order Table - NeosR616

Model	CCT	Trim Kit	Colour	Beam ⁽¹⁾	Driver
NeosR616	Neutral / Warm	A6	White/Grey/Black	60°	Triac Dimmable
NeosR616	Neutral / Warm	S6	White/Grey/Black	60°	Triac Dimmable
NeosR616	Neutral / Warm	A5	White/Grey/Black	60°	Triac Dimmable
NeosR616	Neutral / Warm	R1	White/Grey/Black	60°	Triac Dimmable
NeosR616	Neutral / Warm	A1	White/Grey/Black	60°	Triac Dimmable
NeosR616	Neutral / Warm	F4	White/Grey/Black	60°	Triac Dimmable
NeosR616	Neutral / Warm	C135	White/Black	60°	Triac Dimmable



Driver Options

Model	Manufacturer	Warranty	Dimming	C-Bus
LCBI 15w 350mA Basic Phase Cut SR ⁽¹⁾	Tridonic	3 yrs	Triac	Yes
LCAI 015/0350 A020 One4all	Tridonic	5 yrs	DSI, DALI, SwitchDIM	DALI Gateway

⁽¹⁾All luminaires are provided with Triac Dimmable drivers as standard. DALI Dimmable options must be documented at the time of purchase.

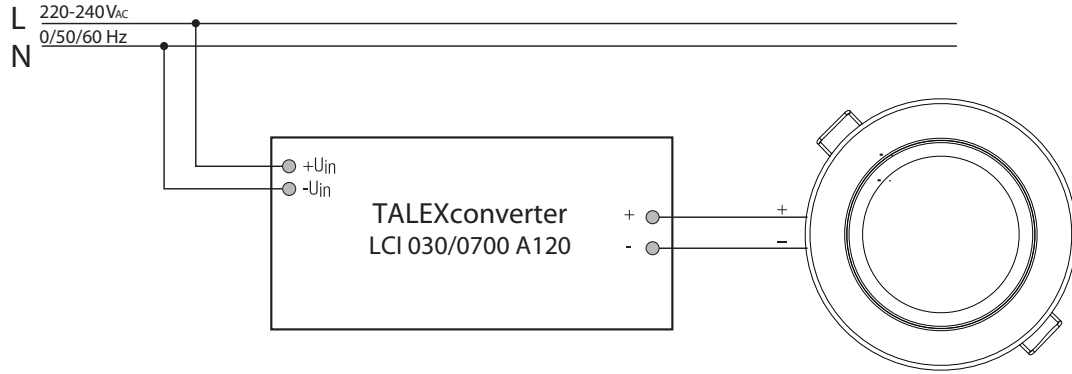
Dimmer Compatability

Manufacturer	Model	Type	Luminaire Qty	Dimming %	Notes
Clipsal	32E450LM	Leading Edge	1 - 12pcs	10 - 90%	Flicker on top end
Clipsal	32E450TM	Trailing Edge	1 - 12pcs	50 - 100%	No flicker or pulsing
Clipsal	4062E450UDM	Universal	1 - 12pcs		No suitable
Lumex	LT1D450LS	Digital Loadsmart	1 - 12pcs		
HPM Legrand	40T	Trailing Edge	1 - 12pcs		Not suitable

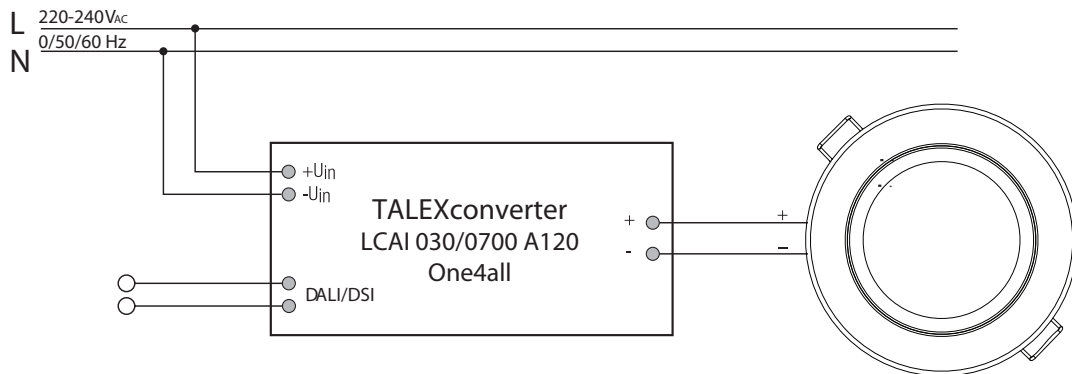
SeerLED Pty Ltd recommends fitting luminaire and driver in accordance with national / state building regulations and AS/NZ3000 standard.

Wiring Diagram

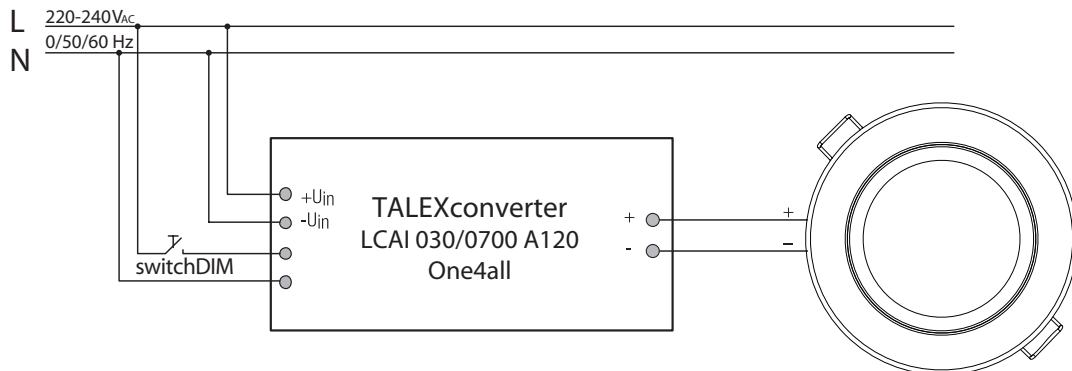
Non Dimming



DALI DSI Dimming



Switch Dimming



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

Trim Options and Accessories

A6 - Rotating Gimbal Round



S6 - Rotating Gimbal Square



A5 - Gimbal



R1 - Fixed




Switch Dimming



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

Trim Options and Accessories - Standard

F4 - Fixed

A1W A1B A1G 

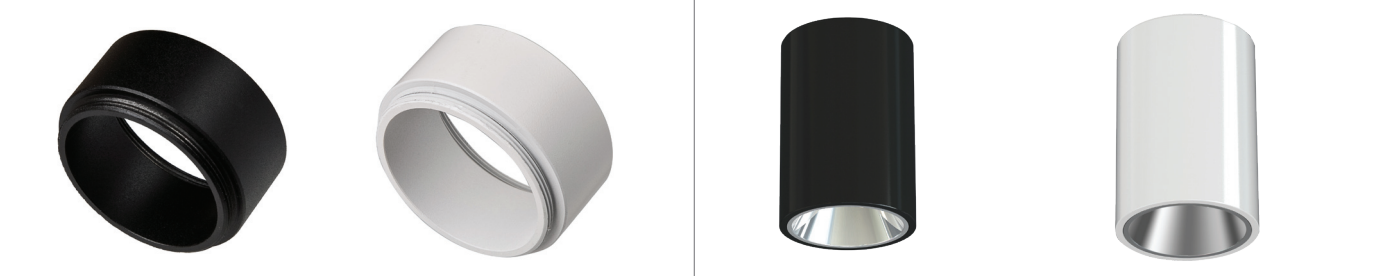


Spacer

RAR W RAR B

C135 Surface / Pendant

C135 W C135 B



D1 - Rotating Gimbal Round

D1W D1B D1G  25° 355°



D2 - Rotating Gimbal Square

D2W D2B D2G  25° 355°



D3 - Fixed Gimbal Round

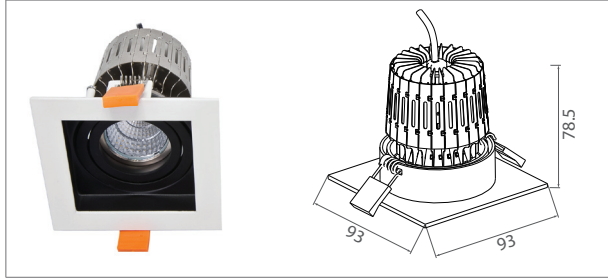
D3W D3B D3G  30°



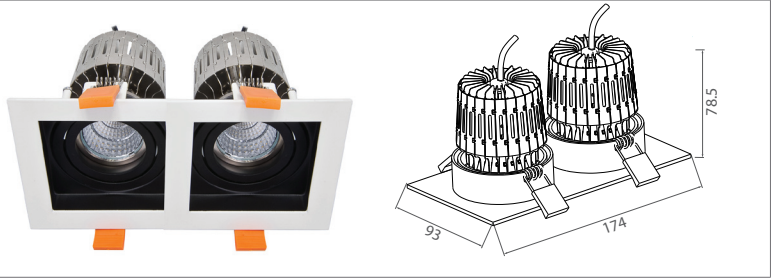
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Trim Options and Accessories - Non Standard

SB1 - Recessed Gimbal



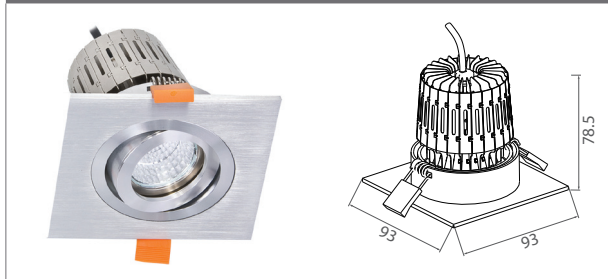
SB1 - Recessed Gimbal



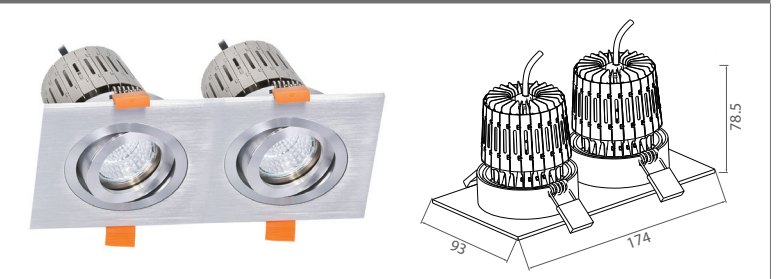
SB3



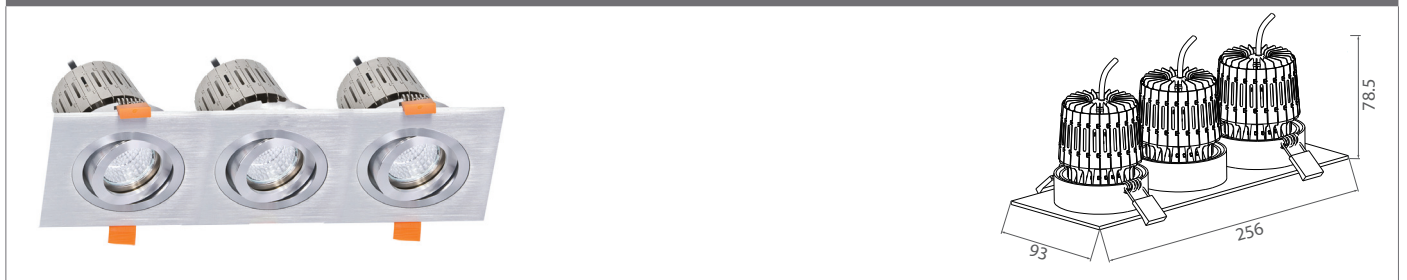
SA1



SA2



SA3



SA4



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