

NEXUS

- High quality rigid steel body
- High thermal conductivity aluminium heatsink
- Luminaire suitable for 15mm & 24mm exposed T-grid system
- Resilient white and anodised aluminium
- Dimming options include *iDrive*® DALI+, 1-10V, mains dimming
- High efficiency >75lm/W and PFC up to 0.98 max



Product Overview

The innovative NEXUS range of recessed LED ceiling tiles provides economical high quality LED replacement units for traditional fluorescent lighting systems where 15mm or 24mm exposed T-bar ceilings are used. Available in 300x300mm, 600x600mm or 1200x600mm size formats, the NEXUS range utilises Serenity's patented non-imaging optical technology to reduce glare, increase luminaire efficiency and provide industry leading homogenous illumination.

The NEXUS 3400 at 41W provides 3400 lumens and the NEXUS 6800 at 82W provides 6800 lumens at the light engine at 4000K. In addition, the NEXUS range offers static CCT options from 2700K to 5500K and patented controllable CCT models that enables a smart controller to set the exact CCT of the fixture using integrated colour measurement sensors.

Applications

- Offices
- Schools
- Retail Outlets
- Factory Units
- Restaurants
- Public Houses
- Commercial

Serenity Lighting

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Product Selection Table

A	Product family	NE = Nexus				
B	Family Variant	01 = Quadrum-1700, Drop In	02 = Quadrum-3400, Drop in	03 = Quadrum-6800, Drop in		Contact sales for details
		04 = Quadrum-1700, Push Recessed	05 = Quadrum-3400, Push Recessed	06 = Quadrum-6800, Push Recessed		
		07 = Quadrum-1700, Surface Mount	08 = Quadrum-3400, Surface Mount	09 = Quadrum-6800, Surface Mount		
		10 = Quadrum-1700, Suspended	11 = Quadrum-3400, Suspended	12 = Quadrum-6800, Suspended		
C	IP Rating	12 = IP12				
D	Driver Type	1 = Non-dimmable	2 = Dimmable	3 = DALI+	4 = 1-10V	F = Fixture only
E	LED Colour	3000 = 3000K	4000 = 4000K	5650 = 5650K	PROG = Programmable	Contact sales for details
F	Fixture Colour	W = White (RAL9016)				
G	Diffuser Type	X = No diffuser				
H	Beam Angle	150				
J	Number of LEDs	120 = 120 LEDs				
K	Input Current	0700 = 700mA	0900 = 900mA			

Order Coding AABBCCD/EEEEFGHHH/JJJ/KKKK - see table for details on coding (add suffix '-EM' for emergency models)

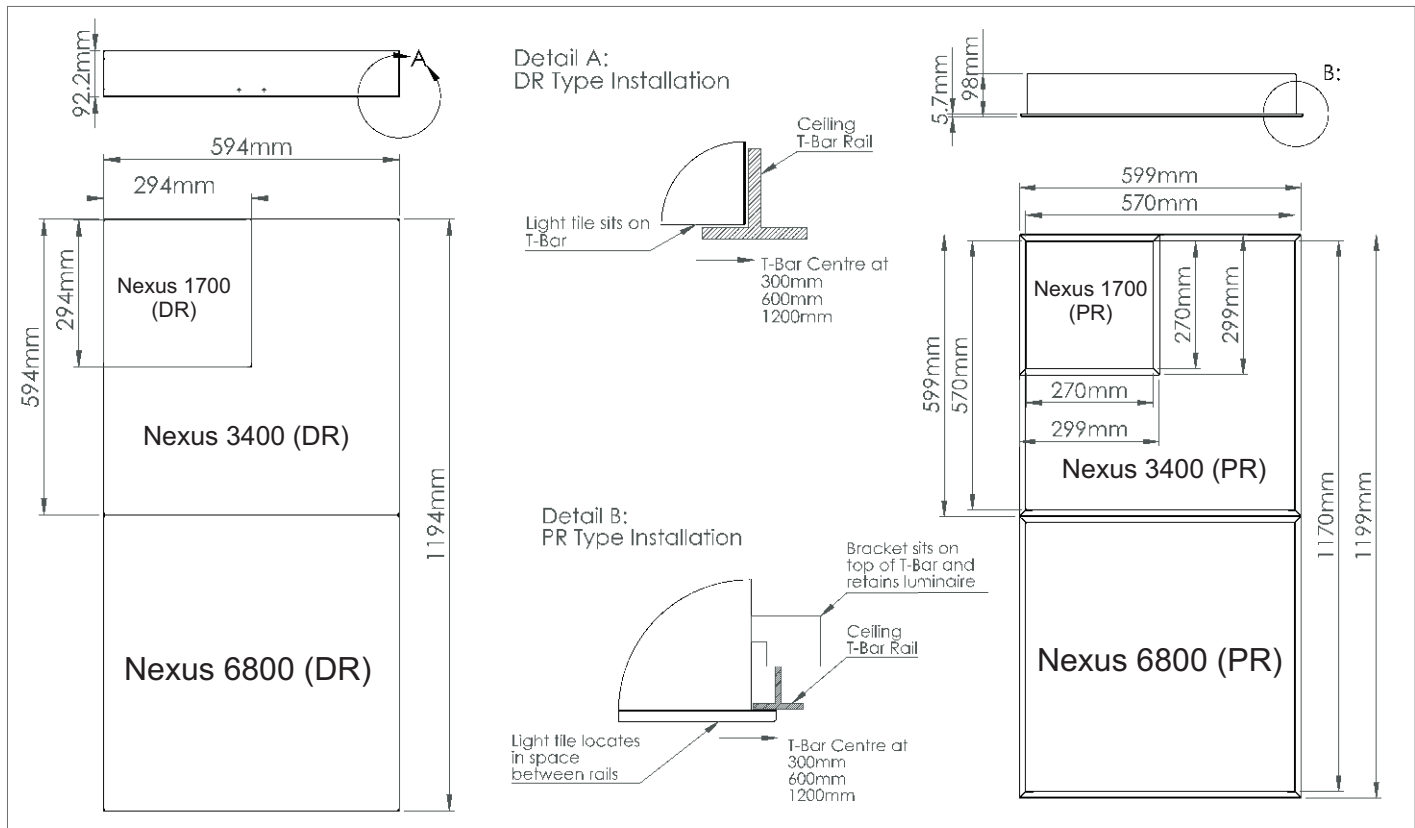
www.serenitylighting.co.uk



Serenity products are covered by a worldwide patent portfolio. For more information please refer to www.serenitylighting.co.uk/patents.

Version 1.5

Product Dimensions



Product Data

Model	Nexus 3400-35	Nexus 3400-45	Upcoming Nexus 1700 & 6800
Product size	600mm x 600mm	600mm x 600mm	300mm x 300mm 1200mm x 600mm
Power Consumption (LEDs)	30 W	38 W	TBA
Power Consumption (Driver)	5 W	7 W	TBA
Input Voltage	220 - 240V AC at 50Hz		
Total useable LED Flux	3436 lm	4421 lm	TBA
Total useable LED Efficacy	70 lm/W		
Luminaire Lumens	2440 lm	3095 lm	TBA
Luminaire Efficacy	>70 lm/W @ 4000K (standard)		
Colour Temperature	2700K to 6000K and Programmable CCT		
CRI	Ra > 85 typical (standard) and Ra>90 (optional)		
LED Engine Lifetime	>60,000 hours at L70		
Operating Temperature	-20 degrees C to +50 degrees C		
Working Humidity	80% Relative Humidity Max.		
Construction	White steel chassis and anodised aluminium LED basket		
Net Weight	4kg	4kg	TBA
Mounting types	Dropped Recessed (DR) / Push Recessed (PR) / Surface Mount (SM)		
Certification	RoHS, CE		
Dimming Options	iDrive® Dali+ (0.3% Minimum), MultiDIM (3% Minimum), 1-10V (3% Minimum)		
Emergency Option	M3 – 3 Hour Maintained Emergency		