



Nova

GIMBAL RECESSED SPOTLIGHTS | NON-DALI SERIES

Great for sloped ceiling applications, grazing textured surfaces, wall washing, and highlighting artwork or other architectural features.

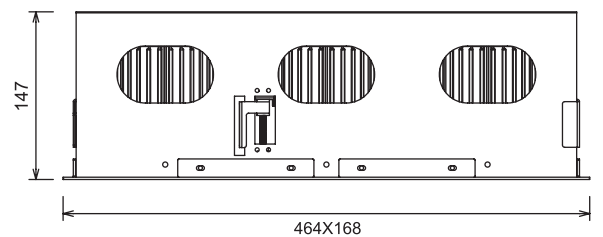
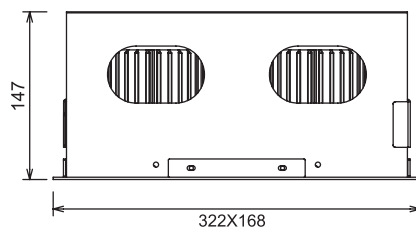
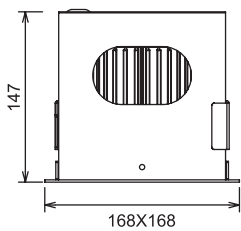
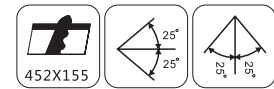
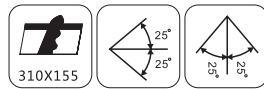
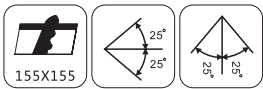
- [Nova Non-DALI - standard specifications](#)

FEATURES & BENEFITS

- CRI 80 as standard
- 2 color temperatures: 3000K, 4000K
- Long rated life: L90/B10@50.000h
- Luminaire efficiency: 117lm/W @4000K

APPLICATION

Grocery & Supermarkets | Retail | Offices | Hospitality | Art & Exhibitions



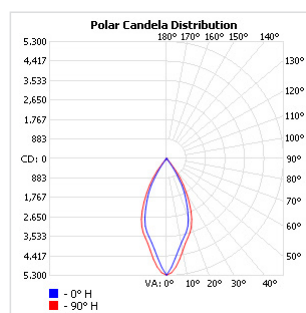
SPECIFICATIONS

Power consumption	27W	54W	60W, 81W
Dimensions	D168x168xH147±1mm	D322x168xH147±1mm	D464x168xH147±1mm
Weight	1.6 Kg	3.1 Kg	4.5 Kg
Housing materials	Aluminium, Glass		
IK code	IK02		
THD (at 230V, 50Hz, Full load)	<20%		
Protection class	Safety class 1		
Operating temperature [°C]	-20°C ... +45°C / -4F ... +113F		
Operating humidity [%]	10 ÷ 85		
Power factor	≥0.95		
AC Input [Vac]	220 - 240 VAC		
Lens angle [°]	45°		
Lifespan [h]	50,000		
Housing color	○ RAL 9003 - signal white, ● RAL 9005 - jet black, ● RAL 9006 - white aluminium		
Lumen maintenance	L90/B10@50.000h at 25°C		
IP factor (front face)	IP20		
Control option	-		
Warranty [years]	5		
Storage temperature range [°C]	-20°C ... +55°C / -4F ... +131F		
Emergency option	-		

Light application	Standard
CRI	CRI 80
CCT [K]	3000K/4000K
MacAdam	4

CRI - Color rendering, CCT - Color temperature, MacAdam - Color consistency

LIGHT DISTRIBUTION



TOLERANCES**Luminous flux tolerances:** -/+ 5%**Consumption tolerance:** -/+ 5% for Non-DALI | -/+ 10% for Non-DALI & KIT EM | -/+ 10% for DALI | -/+ 15% for DALI & KIT EM**BATTERY WARRANTY****Non-DALI EM & DALI EM:** 12 months warranty**Non-DALI & DALI:** -**MAXIMUM NO. OF LUMINAIRES ON A CIRCUIT**

Luminaire Power(W)	Control type	Circuit Breaker Type					
		B			C		
		20	16	10	20	16	10
8-20W	Non-DALI	62	50	31	104	85	52
23-35W	Non-DALI	24	20	10	47	40	20
42W	Non-DALI	20	16	8	38	32	16
8-20W	DALI	62	50	31	104	85	52
23-27W	DALI	25	21	13	50	42	26
34-42W	DALI	17	14	9	34	28	18

RISK GROUP

Standard (CRI80)	RG1
FOOD (BVF, FBS, FSM)	RG1
FOOD ≤35W (FZM, FSH)	RG1
FOOD >35W (FZM, FSH)	RG2
FAS	RG1
AMB2200	RG1
ART	RG1
AGI	RG1
CRI90	RG1
CRI95	RG1
ENT	RG1

RG1

The evaluation of photobiological safety is carried out according to the standard IEC 62471:2008 ("Photobiological safety of lamps and lamp systems"). Following the definition of the risk grouping system of the mentioned IEC standard, the LEDs mounted on this family fall into the class "Low Risk (RG1 – No photobiological hazard under normal behavioral limitations)". Under real circumstances (regarding exposure time, pupils, observation distance), it is assumed that there is no endangerment to the eye from these devices. As a matter of principle, however, it should be mentioned that intense light sources have a high secondary exposure potential due to their blinding effect.

RG2

The evaluation of photobiological safety is carried out according to the standard IEC 62471:2008 ("Photobiological safety of lamps and lamp systems"). Following the definition of the risk grouping system of the mentioned IEC standard, the LEDs mounted on this family fall into the class "Moderate Risk (RG2)". Under real circumstances (regarding exposure time, pupils, observation distance), it is assumed that there is no endangerment to the eye from these devices. As a matter of principle, however, it should be mentioned that intense light sources have a high secondary exposure potential due to their blinding effect.

SKU SPECIFICATIONS

Product Code	Dimensions (mm)	CCT (K)	Lumens (lm)	Power (W)	Eff. (lm/watt)	Lens Angle (°)
CRI 80						
148053 Nova D37101/4000/27W/80/A45	D168x168xH147±1mm	4000	3135	27W	117	45°
148051 Nova D37101/3000/27W/80/A45	D168x168xH147±1mm	3000	2970	27W	110	45°
148113 Nova D37102/4000/54W/80/A45	D322x168xH147±1mm	4000	6270	54W	117	45°
148173 Nova D37103/4000/81W/80/A45	D464x168xH147±1mm	4000	9405	81W	117	45°
148151 Nova D37103/3000/60W/80/A45	D464x168xH147±1mm	3000	6300	60W	105	45°