



Galaxy Blade N Sensor

SURFACE MOUNTED & SUSPENDED | ECO-DALI SENZOR

Galaxy Blade N Sensor is a luminaire suitable for general lighting. Its individual lenses ensure that the beam can be precisely targeted towards the desired objects, irrespective of the mounting height. This feature brings the benefit of little-wasted light, and thus, of lower energy usage. It has an integrated HF LS Li control units for light management systems, ideal for large heights in depots, high-bay warehouses, machine shops, check-in areas and departure lounges.

Galaxy Blade N has several series, determined by various add-on and controls:

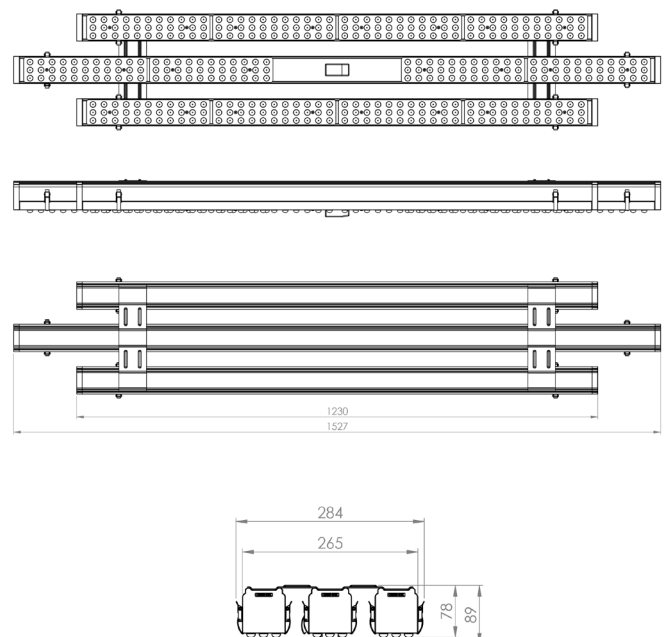
- Galaxy Blade N TEC: the standard for office spaces, meeting rooms, and building entrances
- Galaxy Blade N TEC SENSOR: with non-DALI movement detection sensor mounted on the luminaire
- Galaxy Blade N ECO-DALI : with DALI dimming
- Galaxy Blade N ECO-DALI SENSOR: with dimming, presence detection sensor mounted on the luminaire and integrated controller

FEATURES & BENEFITS

- CRI 80 as standard
- 4 color temperatures: 3000K, 4000K, 5000K, 6500K
- Long rated life: L90/B10@50.000h
- High luminaire efficiency: 169 lm/w @4000K

APPLICATION

Grocery & Supermarket | Retail | DIY



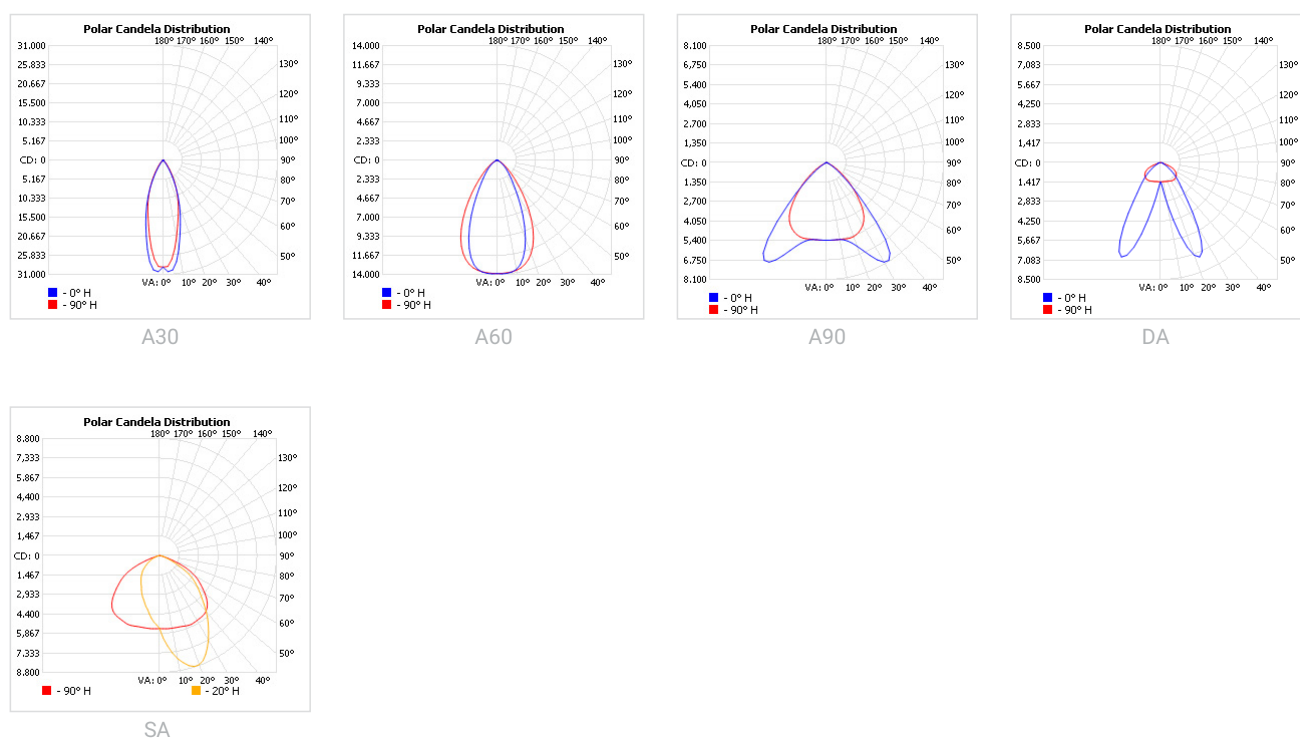
SPECIFICATIONS

Power consumption	77W, 87W, 102W, 117W, 139W
Dimensions	1527 x 284 x 89 ± 1mm
Weight	7.4Kg
Housing materials	Aluminum & Polycarbonate
IK code	IK04
THD (at 230V, 50Hz, Full load)	<9%
Protection class	Safety class 1
Operating temperature [°C]	-20 ... +45 °C / -4F ... +113F
Operating humidity [%]	10 ÷ 85
Power factor	≥0.95
AC Input [Vac]	220 - 240 VAC
Lens angle [°]	30°, 60°, 90°, DA, SA
Lifespan [h]	50,000
Housing color	● Anodised gray
Lumen maintenance	L90/B10@50.000h at 25°C
IP factor	IP20
Control optional	LIGHT & PRESENCE DETECTION DALI-ECO
Warranty [years]	5
Storage temperature range [°C]	-20...+55°C / -4F ... +131F
Emergency option	-

Light application	Standard
CRI	CRI 80
CCT [K]	3000K/4000K/5000K/6500K
MacAdam	4

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

LIGHT DISTRIBUTION



RISK GROUP**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.

TOLERANCES

Luminous flux tolerances: -/+ 5%

Consumption tolerance: -/+ 5% for TEC | -/+ 10% for TEC & KIT EM | -/+ 10% for ECO-DALI | -/+ 15% for ECO-DALI & KIT EM

BATTERY WARRANTY

TEC EM & ECO EM: 12 months warranty

TEC & ECO: -

MAXIMUM NO. OF LUMINAIRES ON A CIRCUIT

Power	Driver type	Control type	Circuit Breaker Type						
			Amperage	B			C		
				20	16	10	20	16	10
< 50W		TEC		37	30	18	62	51	31
≥ 50W		TEC		37	30	18	62	51	31
< 80W		ECO		27	21	13	45	35	21

SKU SPECIFICATIONS

Product Code	Dimensions (mm)	CCT (K)	Lumens (lm)	Power (W)	Eff. (lm/watt)	Lens Angle (°)
CRI 80						
289420 GalaxyBladeN 3R4/3000/77W/80/TB + ECO C/S	1527 x 284 x 89 ± 1mm	3000	12430	77W	162	30°
289421 GalaxyBladeN 3R4/4000/77W/80/TB + ECO C/S	1527 x 284 x 89 ± 1mm	4000	12955	77W	169	30°
289422 GalaxyBladeN 3R4/5000/77W/80/TB + ECO C/S	1527 x 284 x 89 ± 1mm	5000	13305	77W	173	30°
289423 GalaxyBladeN 3R4/6500/77W/80/TB + ECO C/S	1527 x 284 x 89 ± 1mm	6500	12955	77W	169	30°
289424 GalaxyBladeN 3R4/3000/77W/80/NB + ECO C/S	1527 x 284 x 89 ± 1mm	3000	12340	77W	161	60°
289425 GalaxyBladeN 3R4/4000/77W/80/NB + ECO C/S	1527 x 284 x 89 ± 1mm	4000	12860	77W	167	60°
289426 GalaxyBladeN 3R4/5000/77W/80/NB + ECO C/S	1527 x 284 x 89 ± 1mm	5000	13205	77W	172	60°
289427 GalaxyBladeN 3R4/6500/77W/80/NB + ECO C/S	1527 x 284 x 89 ± 1mm	6500	12860	77W	167	60°
289428 GalaxyBladeN 3R4/3000/77W/80/WB + ECO C/S	1527 x 284 x 89 ± 1mm	3000	12395	77W	161	90°
289429 GalaxyBladeN 3R4/4000/77W/80/WB + ECO C/S	1527 x 284 x 89 ± 1mm	4000	12920	77W	168	90°
289430 GalaxyBladeN 3R4/5000/77W/80/WB + ECO C/S	1527 x 284 x 89 ± 1mm	5000	13265	77W	173	90°
289431 GalaxyBladeN 3R4/6500/77W/80/WB + ECO C/S	1527 x 284 x 89 ± 1mm	6500	12920	77W	168	90°
289432 GalaxyBladeN 3R4/3000/77W/80/DA + ECO C/S	1527 x 284 x 89 ± 1mm	3000	12340	77W	161	DA
289433 GalaxyBladeN 3R4/4000/77W/80/DA + ECO C/S	1527 x 284 x 89 ± 1mm	4000	12860	77W	167	DA
289434 GalaxyBladeN 3R4/5000/77W/80/DA + ECO C/S	1527 x 284 x 89 ± 1mm	5000	13205	77W	172	DA
289435 GalaxyBladeN 3R4/6500/77W/80/DA + ECO C/S	1527 x 284 x 89 ± 1mm	6500	12860	77W	167	DA
289436 GalaxyBladeN 3R4/3000/77W/80/SA + ECO C/S	1527 x 284 x 89 ± 1mm	3000	11780	77W	153	SA
289437 GalaxyBladeN 3R4/4000/77W/80/SA + ECO C/S	1527 x 284 x 89 ± 1mm	4000	12280	77W	160	SA
289438 GalaxyBladeN 3R4/5000/77W/80/SA + ECO C/S	1527 x 284 x 89 ± 1mm	5000	12610	77W	164	SA
289439 GalaxyBladeN 3R4/6500/77W/80/SA + ECO C/S	1527 x 284 x 89 ± 1mm	6500	12280	77W	160	SA
289440 GalaxyBladeN 3R4/3000/87W/80/TB + ECO C/S	1527 x 284 x 89 ± 1mm	3000	13890	87W	160	30°
289441 GalaxyBladeN 3R4/4000/87W/80/TB + ECO C/S	1527 x 284 x 89 ± 1mm	4000	14480	87W	167	30°
289442 GalaxyBladeN 3R4/5000/87W/80/TB + ECO C/S	1527 x 284 x 89 ± 1mm	5000	14870	87W	171	30°
289443 GalaxyBladeN 3R4/6500/87W/80/TB + ECO C/S	1527 x 284 x 89 ± 1mm	6500	14480	87W	167	30°
289444 GalaxyBladeN 3R4/3000/87W/80/NB + ECO C/S	1527 x 284 x 89 ± 1mm	3000	13790	87W	159	60°
289445 GalaxyBladeN 3R4/4000/87W/80/NB + ECO C/S	1527 x 284 x 89 ± 1mm	4000	14375	87W	166	60°
289446 GalaxyBladeN 3R4/5000/87W/80/NB + ECO C/S	1527 x 284 x 89 ± 1mm	5000	14760	87W	170	60°
289447 GalaxyBladeN 3R4/6500/87W/80/NB + ECO C/S	1527 x 284 x 89 ± 1mm	6500	14375	87W	166	60°
289448 GalaxyBladeN 3R4/3000/87W/80/WB + ECO C/S	1527 x 284 x 89 ± 1mm	3000	13855	87W	160	90°
289449 GalaxyBladeN 3R4/4000/87W/80/WB + ECO C/S	1527 x 284 x 89 ± 1mm	4000	14440	87W	166	90°
289450 GalaxyBladeN 3R4/5000/87W/80/WB + ECO C/S	1527 x 284 x 89 ± 1mm	5000	14830	87W	171	90°
289451 GalaxyBladeN 3R4/6500/87W/80/WB + ECO C/S	1527 x 284 x 89 ± 1mm	6500	14440	87W	166	90°
289452 GalaxyBladeN 3R4/3000/87W/80/DA + ECO C/S	1527 x 284 x 89 ± 1mm	3000	13790	87W	159	DA
289453 GalaxyBladeN 3R4/4000/87W/80/DA + ECO C/S	1527 x 284 x 89 ± 1mm	4000	14375	87W	166	DA
289454 GalaxyBladeN 3R4/5000/87W/80/DA + ECO C/S	1527 x 284 x 89 ± 1mm	5000	14760	87W	170	DA
289455 GalaxyBladeN 3R4/6500/87W/80/DA + ECO C/S	1527 x 284 x 89 ± 1mm	6500	14375	87W	166	DA
289456 GalaxyBladeN 3R4/3000/87W/80/SA + ECO C/S	1527 x 284 x 89 ± 1mm	3000	13165	87W	152	SA
289457 GalaxyBladeN 3R4/4000/87W/80/SA + ECO C/S	1527 x 284 x 89 ± 1mm	4000	13725	87W	158	SA
289458 GalaxyBladeN 3R4/5000/87W/80/SA + ECO C/S	1527 x 284 x 89 ± 1mm	5000	14095	87W	162	SA
289459 GalaxyBladeN 3R4/6500/87W/80/SA + ECO C/S	1527 x 284 x 89 ± 1mm	6500	13725	87W	158	SA
289460 GalaxyBladeN 3R4/3000/102W/80/TB + ECO C/S	1527 x 284 x 89 ± 1mm	3000	15815	102W	156	30°
289461 GalaxyBladeN 3R4/4000/102W/80/TB + ECO C/S	1527 x 284 x 89 ± 1mm	4000	16485	102W	162	30°
289462 GalaxyBladeN 3R4/5000/102W/80/TB + ECO C/S	1527 x 284 x 89 ± 1mm	5000	16930	102W	166	30°
289463 GalaxyBladeN 3R4/6500/102W/80/TB + ECO C/S	1527 x 284 x 89 ± 1mm	6500	16485	102W	162	30°
289464 GalaxyBladeN 3R4/3000/102W/80/NB + ECO C/S	1527 x 284 x 89 ± 1mm	3000	15700	102W	154	60°
289465 GalaxyBladeN 3R4/4000/102W/80/NB + ECO C/S	1527 x 284 x 89 ± 1mm	4000	16365	102W	161	60°
289466 GalaxyBladeN 3R4/5000/102W/80/NB + ECO C/S	1527 x 284 x 89 ± 1mm	5000	16805	102W	165	60°
289467 GalaxyBladeN 3R4/6500/102W/80/NB + ECO C/S	1527 x 284 x 89 ± 1mm	6500	16365	102W	161	60°
289468 GalaxyBladeN 3R4/3000/102W/80/WB + ECO C/S	1527 x 284 x 89 ± 1mm	3000	15770	102W	155	90°
289469 GalaxyBladeN 3R4/4000/102W/80/WB + ECO C/S	1527 x 284 x 89 ± 1mm	4000	16435	102W	162	90°
289470 GalaxyBladeN 3R4/5000/102W/80/WB + ECO C/S	1527 x 284 x 89 ± 1mm	5000	16880	102W	166	90°
289471 GalaxyBladeN 3R4/6500/102W/80/WB + ECO C/S	1527 x 284 x 89 ± 1mm	6500	16435	102W	162	90°

SKU SPECIFICATIONS

Product Code	Dimensions (mm)	CCT (K)	Lumens (lm)	Power (W)	Eff. (lm/watt)	Lens Angle (°)
CRI 80						
289472 GalaxyBladeN 3R4/3000/102W/80/DA + ECO C/S	1527 x 284 x 89 ± 1mm	3000	15700	102W	154	DA
289473 GalaxyBladeN 3R4/4000/102W/80/DA + ECO C/S	1527 x 284 x 89 ± 1mm	4000	16365	102W	161	DA
289474 GalaxyBladeN 3R4/5000/102W/80/DA + ECO C/S	1527 x 284 x 89 ± 1mm	5000	16805	102W	165	DA
289475 GalaxyBladeN 3R4/6500/102W/80/DA + ECO C/S	1527 x 284 x 89 ± 1mm	6500	16365	102W	161	DA
289476 GalaxyBladeN 3R4/3000/102W/80/SA + ECO C/S	1527 x 284 x 89 ± 1mm	3000	14990	102W	147	SA
289477 GalaxyBladeN 3R4/4000/102W/80/SA + ECO C/S	1527 x 284 x 89 ± 1mm	4000	15620	102W	154	SA
289478 GalaxyBladeN 3R4/5000/102W/80/SA + ECO C/S	1527 x 284 x 89 ± 1mm	5000	16045	102W	158	SA
289479 GalaxyBladeN 3R4/6500/102W/80/SA + ECO C/S	1527 x 284 x 89 ± 1mm	6500	15620	102W	154	SA
289480 GalaxyBladeN 3R4/3000/117W/80/TB + ECO C/S	1527 x 284 x 89 ± 1mm	3000	17315	117W	148	30°
289481 GalaxyBladeN 3R4/4000/117W/80/TB + ECO C/S	1527 x 284 x 89 ± 1mm	4000	18045	117W	155	30°
289482 GalaxyBladeN 3R4/5000/117W/80/TB + ECO C/S	1527 x 284 x 89 ± 1mm	5000	18530	117W	159	30°
289483 GalaxyBladeN 3R4/6500/117W/80/TB + ECO C/S	1527 x 284 x 89 ± 1mm	6500	18045	117W	155	30°
289484 GalaxyBladeN 3R4/3000/117W/80/NB + ECO C/S	1527 x 284 x 89 ± 1mm	3000	17190	117W	147	60°
289485 GalaxyBladeN 3R4/4000/117W/80/NB + ECO C/S	1527 x 284 x 89 ± 1mm	4000	17915	117W	154	60°
289486 GalaxyBladeN 3R4/5000/117W/80/NB + ECO C/S	1527 x 284 x 89 ± 1mm	5000	18400	117W	158	60°
289487 GalaxyBladeN 3R4/6500/117W/80/NB + ECO C/S	1527 x 284 x 89 ± 1mm	6500	17915	117W	154	60°
289488 GalaxyBladeN 3R4/3000/117W/80/WB + ECO C/S	1527 x 284 x 89 ± 1mm	3000	17265	117W	148	90°
289489 GalaxyBladeN 3R4/4000/117W/80/WB + ECO C/S	1527 x 284 x 89 ± 1mm	4000	17995	117W	154	90°
289490 GalaxyBladeN 3R4/5000/117W/80/WB + ECO C/S	1527 x 284 x 89 ± 1mm	5000	18480	117W	158	90°
289491 GalaxyBladeN 3R4/6500/117W/80/WB + ECO C/S	1527 x 284 x 89 ± 1mm	6500	17995	117W	154	90°
289492 GalaxyBladeN 3R4/3000/117W/80/DA + ECO C/S	1527 x 284 x 89 ± 1mm	3000	17190	117W	147	DA
289493 GalaxyBladeN 3R4/4000/117W/80/DA + ECO C/S	1527 x 284 x 89 ± 1mm	4000	17915	117W	154	DA
289494 GalaxyBladeN 3R4/5000/117W/80/DA + ECO C/S	1527 x 284 x 89 ± 1mm	5000	18400	117W	158	DA
289495 GalaxyBladeN 3R4/6500/117W/80/DA + ECO C/S	1527 x 284 x 89 ± 1mm	6500	17915	117W	154	DA
289496 GalaxyBladeN 3R4/3000/117W/80/SA + ECO C/S	1527 x 284 x 89 ± 1mm	3000	16410	117W	141	SA
289497 GalaxyBladeN 3R4/4000/117W/80/SA + ECO C/S	1527 x 284 x 89 ± 1mm	4000	17105	117W	147	SA
289498 GalaxyBladeN 3R4/5000/117W/80/SA + ECO C/S	1527 x 284 x 89 ± 1mm	5000	17565	117W	151	SA
289499 GalaxyBladeN 3R4/6500/117W/80/SA + ECO C/S	1527 x 284 x 89 ± 1mm	6500	17105	117W	147	SA
289500 GalaxyBladeN 3R4/3000/139W/80/TB + ECO C/S	1527 x 284 x 89 ± 1mm	3000	18745	139W	135	30°
289501 GalaxyBladeN 3R4/4000/139W/80/TB + ECO C/S	1527 x 284 x 89 ± 1mm	4000	19535	139W	141	30°
289502 GalaxyBladeN 3R4/5000/139W/80/TB + ECO C/S	1527 x 284 x 89 ± 1mm	5000	20065	139W	145	30°
289503 GalaxyBladeN 3R4/6500/139W/80/TB + ECO C/S	1527 x 284 x 89 ± 1mm	6500	19535	139W	141	30°
289504 GalaxyBladeN 3R4/3000/139W/80/NB + ECO C/S	1527 x 284 x 89 ± 1mm	3000	18610	139W	134	60°
289505 GalaxyBladeN 3R4/4000/139W/80/NB + ECO C/S	1527 x 284 x 89 ± 1mm	4000	19395	139W	140	60°
289506 GalaxyBladeN 3R4/5000/139W/80/NB + ECO C/S	1527 x 284 x 89 ± 1mm	5000	19915	139W	144	60°
289507 GalaxyBladeN 3R4/6500/139W/80/NB + ECO C/S	1527 x 284 x 89 ± 1mm	6500	19395	139W	140	60°
289508 GalaxyBladeN 3R4/3000/139W/80/WB + ECO C/S	1527 x 284 x 89 ± 1mm	3000	18690	139W	135	90°
289509 GalaxyBladeN 3R4/4000/139W/80/WB + ECO C/S	1527 x 284 x 89 ± 1mm	4000	19480	139W	141	90°
289510 GalaxyBladeN 3R4/5000/139W/80/WB + ECO C/S	1527 x 284 x 89 ± 1mm	5000	20005	139W	144	90°
289511 GalaxyBladeN 3R4/6500/139W/80/WB + ECO C/S	1527 x 284 x 89 ± 1mm	6500	19480	139W	141	90°
289512 GalaxyBladeN 3R4/3000/139W/80/DA + ECO C/S	1527 x 284 x 89 ± 1mm	3000	18610	139W	134	DA
289513 GalaxyBladeN 3R4/4000/139W/80/DA + ECO C/S	1527 x 284 x 89 ± 1mm	4000	19395	139W	140	DA
289514 GalaxyBladeN 3R4/5000/139W/80/DA + ECO C/S	1527 x 284 x 89 ± 1mm	5000	19915	139W	144	DA
289515 GalaxyBladeN 3R4/6500/139W/80/DA + ECO C/S	1527 x 284 x 89 ± 1mm	6500	19395	139W	140	DA
289516 GalaxyBladeN 3R4/3000/139W/80/SA + ECO C/S	1527 x 284 x 89 ± 1mm	3000	17765	139W	128	SA
289517 GalaxyBladeN 3R4/4000/139W/80/SA + ECO C/S	1527 x 284 x 89 ± 1mm	4000	18515	139W	134	SA
289518 GalaxyBladeN 3R4/5000/139W/80/SA + ECO C/S	1527 x 284 x 89 ± 1mm	5000	19015	139W	137	SA
289519 GalaxyBladeN 3R4/6500/139W/80/SA + ECO C/S	1527 x 284 x 89 ± 1mm	6500	18515	139W	134	SA

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