



## Galaxy Blade N

### SURFACE MOUNTED & SUSPENDED | TEC SERIES

Galaxy Blade N has now been added to our Galaxy family. With a slimmer and more attractive housing, the luminaire keeps its modular concept, flexibility and wide range of design options. The luminaire is equipped with individual lenses for an optimal general lighting in the grocery & supermarkets, retail, and industrial applications. It can be mounted on very high ceilings, without wasting the light on the floor.

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

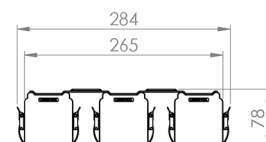
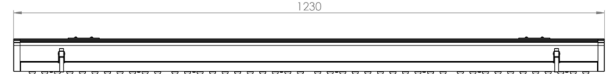
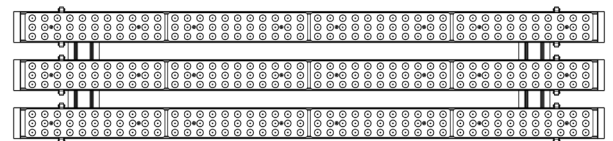
- Galaxy Blade N TEC: the standard for office spaces, meeting rooms, and building entrances
- Galaxy Blade N TEC SENSOR: with non-DALI movement detection sensor mounted on the luminaire
- Galaxy Blade N ECO-DALI : with DALI dimming
- Galaxy Blade N ECO-DALI SENSOR: with dimming, presence detection sensor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



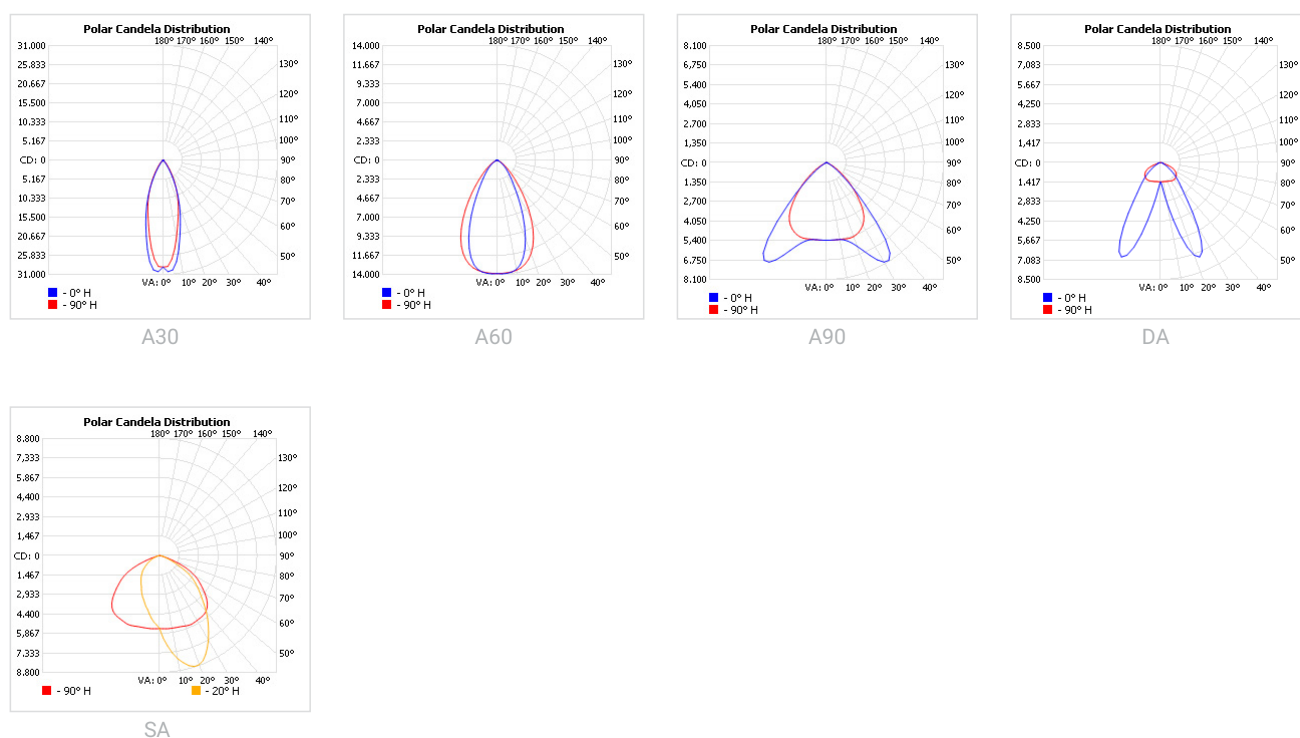
SPECIFICATIONS

Power consumption	77W, 87W, 102W, 117W, 139W
Dimensions	1230 x 284 x 78 ± 1mm
Weight	6.9Kg
Housing materials	Aluminum & Polycarbonate
IK code	IK04
THD (at 230V, 50Hz, Full load)	<20%
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	For more information please see <b>GALAXY BLADE N ECO-DALI</b> datasheet
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 (°)
<b>CRI 80</b>						
189320 GalaxyBladeN 3R4/3000/77W/80/TB	1230 x 284 x 78 ± 1mm	3000	12430	77W	162	30°
189321 GalaxyBladeN 3R4/4000/77W/80/TB	1230 x 284 x 78 ± 1mm	4000	12955	77W	169	30°
189322 GalaxyBladeN 3R4/5000/77W/80/TB	1230 x 284 x 78 ± 1mm	5000	13305	77W	173	30°
189323 GalaxyBladeN 3R4/6500/77W/80/TB	1230 x 284 x 78 ± 1mm	6500	12955	77W	169	30°
189324 GalaxyBladeN 3R4/3000/77W/80/NB	1230 x 284 x 78 ± 1mm	3000	12340	77W	161	60°
189325 GalaxyBladeN 3R4/4000/77W/80/NB	1230 x 284 x 78 ± 1mm	4000	12860	77W	167	60°
189326 GalaxyBladeN 3R4/5000/77W/80/NB	1230 x 284 x 78 ± 1mm	5000	13205	77W	172	60°
189327 GalaxyBladeN 3R4/6500/77W/80/NB	1230 x 284 x 78 ± 1mm	6500	12860	77W	167	60°
189328 GalaxyBladeN 3R4/3000/77W/80/WB	1230 x 284 x 78 ± 1mm	3000	12395	77W	161	90°
189329 GalaxyBladeN 3R4/4000/77W/80/WB	1230 x 284 x 78 ± 1mm	4000	12920	77W	168	90°
189330 GalaxyBladeN 3R4/5000/77W/80/WB	1230 x 284 x 78 ± 1mm	5000	13265	77W	173	90°
189331 GalaxyBladeN 3R4/6500/77W/80/WB	1230 x 284 x 78 ± 1mm	6500	12920	77W	168	90°
189332 GalaxyBladeN 3R4/3000/77W/80/DA	1230 x 284 x 78 ± 1mm	3000	12340	77W	161	DA
189333 GalaxyBladeN 3R4/4000/77W/80/DA	1230 x 284 x 78 ± 1mm	4000	12860	77W	167	DA
189334 GalaxyBladeN 3R4/5000/77W/80/DA	1230 x 284 x 78 ± 1mm	5000	13205	77W	172	DA
189335 GalaxyBladeN 3R4/6500/77W/80/DA	1230 x 284 x 78 ± 1mm	6500	12860	77W	167	DA
189336 GalaxyBladeN 3R4/3000/77W/80/SA	1230 x 284 x 78 ± 1mm	3000	11780	77W	153	SA
189337 GalaxyBladeN 3R4/4000/77W/80/SA	1230 x 284 x 78 ± 1mm	4000	12280	77W	160	SA
189338 GalaxyBladeN 3R4/5000/77W/80/SA	1230 x 284 x 78 ± 1mm	5000	12610	77W	164	SA
189339 GalaxyBladeN 3R4/6500/77W/80/SA	1230 x 284 x 78 ± 1mm	6500	12280	77W	160	SA
189340 GalaxyBladeN 3R4/3000/87W/80/TB	1230 x 284 x 78 ± 1mm	3000	13890	87W	160	30°
189341 GalaxyBladeN 3R4/4000/87W/80/TB	1230 x 284 x 78 ± 1mm	4000	14480	87W	167	30°
189342 GalaxyBladeN 3R4/5000/87W/80/TB	1230 x 284 x 78 ± 1mm	5000	14870	87W	171	30°
189343 GalaxyBladeN 3R4/6500/87W/80/TB	1230 x 284 x 78 ± 1mm	6500	14480	87W	167	30°
189344 GalaxyBladeN 3R4/3000/87W/80/NB	1230 x 284 x 78 ± 1mm	3000	13790	87W	159	60°
189345 GalaxyBladeN 3R4/4000/87W/80/NB	1230 x 284 x 78 ± 1mm	4000	14375	87W	166	60°
189346 GalaxyBladeN 3R4/5000/87W/80/NB	1230 x 284 x 78 ± 1mm	5000	14760	87W	170	60°
189347 GalaxyBladeN 3R4/6500/87W/80/NB	1230 x 284 x 78 ± 1mm	6500	14375	87W	166	60°
189348 GalaxyBladeN 3R4/3000/87W/80/WB	1230 x 284 x 78 ± 1mm	3000	13855	87W	160	90°
189349 GalaxyBladeN 3R4/4000/87W/80/WB	1230 x 284 x 78 ± 1mm	4000	14440	87W	166	90°
189350 GalaxyBladeN 3R4/5000/87W/80/WB	1230 x 284 x 78 ± 1mm	5000	14830	87W	171	90°
189351 GalaxyBladeN 3R4/6500/87W/80/WB	1230 x 284 x 78 ± 1mm	6500	14440	87W	166	90°
189352 GalaxyBladeN 3R4/3000/87W/80/DA	1230 x 284 x 78 ± 1mm	3000	13790	87W	159	DA
189353 GalaxyBladeN 3R4/4000/87W/80/DA	1230 x 284 x 78 ± 1mm	4000	14375	87W	166	DA
189354 GalaxyBladeN 3R4/5000/87W/80/DA	1230 x 284 x 78 ± 1mm	5000	14760	87W	170	DA
189355 GalaxyBladeN 3R4/6500/87W/80/DA	1230 x 284 x 78 ± 1mm	6500	14375	87W	166	DA
189356 GalaxyBladeN 3R4/3000/87W/80/SA	1230 x 284 x 78 ± 1mm	3000	13165	87W	152	SA
189357 GalaxyBladeN 3R4/4000/87W/80/SA	1230 x 284 x 78 ± 1mm	4000	13725	87W	158	SA
189358 GalaxyBladeN 3R4/5000/87W/80/SA	1230 x 284 x 78 ± 1mm	5000	14095	87W	162	SA
189359 GalaxyBladeN 3R4/6500/87W/80/SA	1230 x 284 x 78 ± 1mm	6500	13725	87W	158	SA
189360 GalaxyBladeN 3R4/3000/102W/80/TB	1230 x 284 x 78 ± 1mm	3000	15815	102W	156	30°
189361 GalaxyBladeN 3R4/4000/102W/80/TB	1230 x 284 x 78 ± 1mm	4000	16485	102W	162	30°
189362 GalaxyBladeN 3R4/5000/102W/80/TB	1230 x 284 x 78 ± 1mm	5000	16930	102W	166	30°
189363 GalaxyBladeN 3R4/6500/102W/80/TB	1230 x 284 x 78 ± 1mm	6500	16485	102W	162	30°
189364 GalaxyBladeN 3R4/3000/102W/80/NB	1230 x 284 x 78 ± 1mm	3000	15700	102W	154	60°
189365 GalaxyBladeN 3R4/4000/102W/80/NB	1230 x 284 x 78 ± 1mm	4000	16365	102W	161	60°
189366 GalaxyBladeN 3R4/5000/102W/80/NB	1230 x 284 x 78 ± 1mm	5000	16805	102W	165	60°
189367 GalaxyBladeN 3R4/6500/102W/80/NB	1230 x 284 x 78 ± 1mm	6500	16365	102W	161	60°
189368 GalaxyBladeN 3R4/3000/102W/80/WB	1230 x 284 x 78 ± 1mm	3000	15770	102W	155	90°
189369 GalaxyBladeN 3R4/4000/102W/80/WB	1230 x 284 x 78 ± 1mm	4000	16435	102W	162	90°
189370 GalaxyBladeN 3R4/5000/102W/80/WB	1230 x 284 x 78 ± 1mm	5000	16880	102W	166	90°
189371 GalaxyBladeN 3R4/6500/102W/80/WB	1230 x 284 x 78 ± 1mm	6500	16435	102W	162	90°

## SKU SPECIFICATIONS

Product Code	Dimensions (mm)	CCT (K)	Lumens (lm)	Power (W)	Eff. (lm/watt)	Lens Angle (°)
<b>CRI 80</b>						
189372 GalaxyBladeN 3R4/3000/102W/80/DA	1230 x 284 x 78 ± 1mm	3000	15700	102W	154	DA
189373 GalaxyBladeN 3R4/4000/102W/80/DA	1230 x 284 x 78 ± 1mm	4000	16365	102W	161	DA
189374 GalaxyBladeN 3R4/5000/102W/80/DA	1230 x 284 x 78 ± 1mm	5000	16805	102W	165	DA
189375 GalaxyBladeN 3R4/6500/102W/80/DA	1230 x 284 x 78 ± 1mm	6500	16365	102W	161	DA
189376 GalaxyBladeN 3R4/3000/102W/80/SA	1230 x 284 x 78 ± 1mm	3000	14990	102W	147	SA
189377 GalaxyBladeN 3R4/4000/102W/80/SA	1230 x 284 x 78 ± 1mm	4000	15620	102W	154	SA
189378 GalaxyBladeN 3R4/5000/102W/80/SA	1230 x 284 x 78 ± 1mm	5000	16045	102W	158	SA
189379 GalaxyBladeN 3R4/6500/102W/80/SA	1230 x 284 x 78 ± 1mm	6500	15620	102W	154	SA
189380 GalaxyBladeN 3R4/3000/117W/80/TB	1230 x 284 x 78 ± 1mm	3000	17315	117W	148	30°
189381 GalaxyBladeN 3R4/4000/117W/80/TB	1230 x 284 x 78 ± 1mm	4000	18045	117W	155	30°
189382 GalaxyBladeN 3R4/5000/117W/80/TB	1230 x 284 x 78 ± 1mm	5000	18530	117W	159	30°
189383 GalaxyBladeN 3R4/6500/117W/80/TB	1230 x 284 x 78 ± 1mm	6500	18045	117W	155	30°
189384 GalaxyBladeN 3R4/3000/117W/80/NB	1230 x 284 x 78 ± 1mm	3000	17190	117W	147	60°
189385 GalaxyBladeN 3R4/4000/117W/80/NB	1230 x 284 x 78 ± 1mm	4000	17915	117W	154	60°
189386 GalaxyBladeN 3R4/5000/117W/80/NB	1230 x 284 x 78 ± 1mm	5000	18400	117W	158	60°
189387 GalaxyBladeN 3R4/6500/117W/80/NB	1230 x 284 x 78 ± 1mm	6500	17915	117W	154	60°
189388 GalaxyBladeN 3R4/3000/117W/80/WB	1230 x 284 x 78 ± 1mm	3000	17265	117W	148	90°
189389 GalaxyBladeN 3R4/4000/117W/80/WB	1230 x 284 x 78 ± 1mm	4000	17995	117W	154	90°
189390 GalaxyBladeN 3R4/5000/117W/80/WB	1230 x 284 x 78 ± 1mm	5000	18480	117W	158	90°
189391 GalaxyBladeN 3R4/6500/117W/80/WB	1230 x 284 x 78 ± 1mm	6500	17995	117W	154	90°
189392 GalaxyBladeN 3R4/3000/117W/80/DA	1230 x 284 x 78 ± 1mm	3000	17190	117W	147	DA
189393 GalaxyBladeN 3R4/4000/117W/80/DA	1230 x 284 x 78 ± 1mm	4000	17915	117W	154	DA
189394 GalaxyBladeN 3R4/5000/117W/80/DA	1230 x 284 x 78 ± 1mm	5000	18400	117W	158	DA
189395 GalaxyBladeN 3R4/6500/117W/80/DA	1230 x 284 x 78 ± 1mm	6500	17915	117W	154	DA
189396 GalaxyBladeN 3R4/3000/117W/80/SA	1230 x 284 x 78 ± 1mm	3000	16410	117W	141	SA
189397 GalaxyBladeN 3R4/4000/117W/80/SA	1230 x 284 x 78 ± 1mm	4000	17105	117W	147	SA
189398 GalaxyBladeN 3R4/5000/117W/80/SA	1230 x 284 x 78 ± 1mm	5000	17565	117W	151	SA
189399 GalaxyBladeN 3R4/6500/117W/80/SA	1230 x 284 x 78 ± 1mm	6500	17105	117W	147	SA
189400 GalaxyBladeN 3R4/3000/139W/80/TB	1230 x 284 x 78 ± 1mm	3000	18745	139W	135	30°
189401 GalaxyBladeN 3R4/4000/139W/80/TB	1230 x 284 x 78 ± 1mm	4000	19535	139W	141	30°
189402 GalaxyBladeN 3R4/5000/139W/80/TB	1230 x 284 x 78 ± 1mm	5000	20065	139W	145	30°
189403 GalaxyBladeN 3R4/6500/139W/80/TB	1230 x 284 x 78 ± 1mm	6500	19535	139W	141	30°
189404 GalaxyBladeN 3R4/3000/139W/80/NB	1230 x 284 x 78 ± 1mm	3000	18610	139W	134	60°
189405 GalaxyBladeN 3R4/4000/139W/80/NB	1230 x 284 x 78 ± 1mm	4000	19395	139W	140	60°
189406 GalaxyBladeN 3R4/5000/139W/80/NB	1230 x 284 x 78 ± 1mm	5000	19915	139W	144	60°
189407 GalaxyBladeN 3R4/6500/139W/80/NB	1230 x 284 x 78 ± 1mm	6500	19395	139W	140	60°
189408 GalaxyBladeN 3R4/3000/139W/80/WB	1230 x 284 x 78 ± 1mm	3000	18690	139W	135	90°
189409 GalaxyBladeN 3R4/4000/139W/80/WB	1230 x 284 x 78 ± 1mm	4000	19480	139W	141	90°
189410 GalaxyBladeN 3R4/5000/139W/80/WB	1230 x 284 x 78 ± 1mm	5000	20005	139W	144	90°
189411 GalaxyBladeN 3R4/6500/139W/80/WB	1230 x 284 x 78 ± 1mm	6500	19480	139W	141	90°
189412 GalaxyBladeN 3R4/3000/139W/80/DA	1230 x 284 x 78 ± 1mm	3000	18610	139W	134	DA
189413 GalaxyBladeN 3R4/4000/139W/80/DA	1230 x 284 x 78 ± 1mm	4000	19395	139W	140	DA
189414 GalaxyBladeN 3R4/5000/139W/80/DA	1230 x 284 x 78 ± 1mm	5000	19915	139W	144	DA
189415 GalaxyBladeN 3R4/6500/139W/80/DA	1230 x 284 x 78 ± 1mm	6500	19395	139W	140	DA
189416 GalaxyBladeN 3R4/3000/139W/80/SA	1230 x 284 x 78 ± 1mm	3000	17765	139W	128	SA
189417 GalaxyBladeN 3R4/4000/139W/80/SA	1230 x 284 x 78 ± 1mm	4000	18515	139W	134	SA
189418 GalaxyBladeN 3R4/5000/139W/80/SA	1230 x 284 x 78 ± 1mm	5000	19015	139W	137	SA
189419 GalaxyBladeN 3R4/6500/139W/80/SA	1230 x 284 x 78 ± 1mm	6500	18515	139W	134	SA

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