

Applications

Lighting Market – New Opportunities with High Potentials



ARCHITECTURAL LIGHTING



BACKLIGHTING



GENERAL LIGHTING



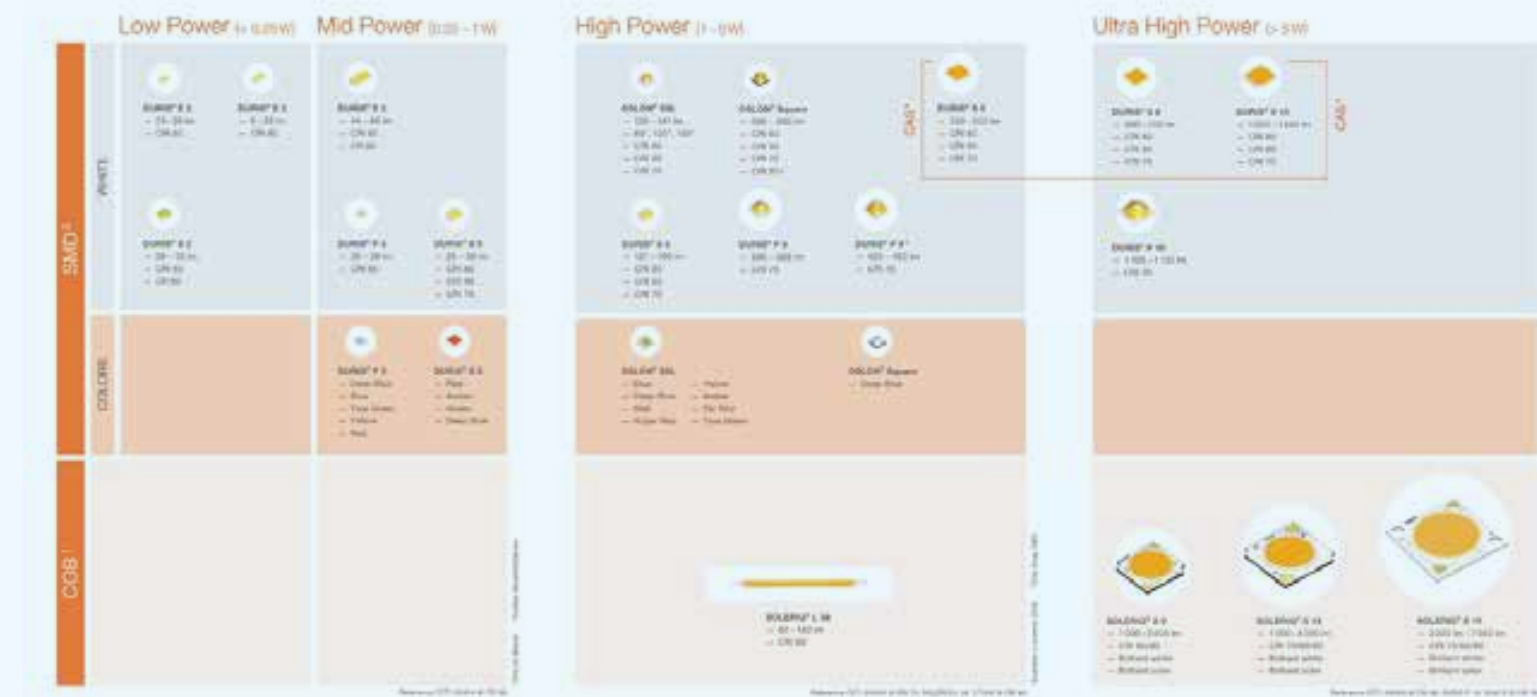
DISPLAY LIGHTING



SHOP AND SUPERMARKET LIGHTING



AUTOMOTIVE LIGHTING



Different Families – Unique Advantages



Simply Better Results with Our Family Concept

This technology platform approach makes it easy to navigate through our comprehensive portfolio. At the same time it speeds up product development and therefore reduces time to market considerably for the benefit of our customers. The modularity of the family concept with its different technologies, performance classes and applications offers you maximum demand-based flexibility.

DURIS® Family

Product versions in all power ranges. Perfect mix of efficiency and flexibility. Setting new standards in homogeneity, colors and compactness.

- **DURIS® E**
Ideal for lighting applications requiring a homogeneous distributed light source, like fluorescent tube replacements or strip lights.
- **DURIS® P**
High-efficiency mid-power LED with long lifetimes even at high currents and high junction temperatures and superior corrosion resistance.
- **DURIS® S**
Mid-power compact LEDs that provides flexibility in forward voltage and luminous flux with high lifetime even at high temperature distribution. Products portfolio covers the full range of lumen packages for white and colored LEDs.

OSLON® Family

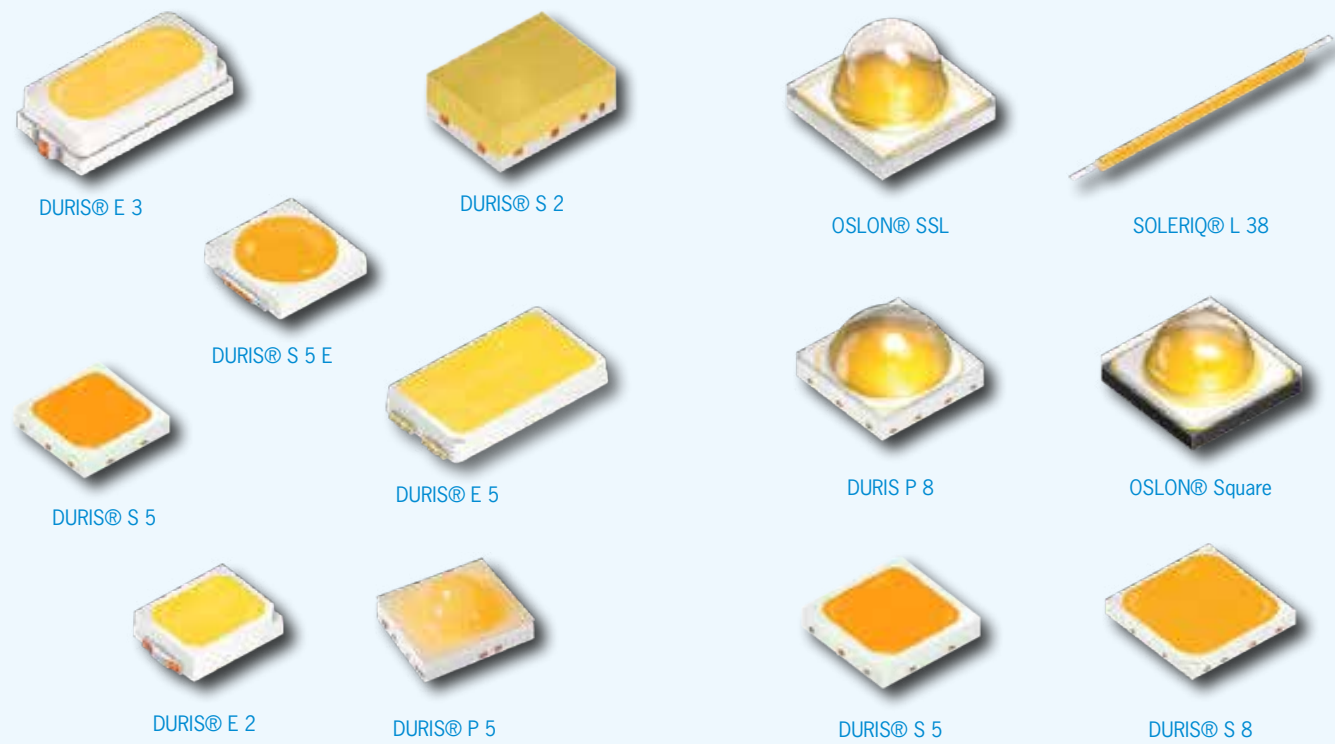
High-power LEDs with superior performance. Highly efficient and compact. High quality, even in difficult ambient conditions. Preferred LEDs for indoor and outdoor illumination, architecture and street lighting.

- **OSLON® SSL**
The smallest LED with outstanding efficiency and very long lifetime, optimized for use with lenses and reflectors; very broad color spectrum (RGB and other colors).
- **OSLON® SQUARE**
One of the most popular LEDs in general illumination, key parameters are grouped at high temperatures to get as close as possible to the temperature in the application.

SOLERIQ® Family

High- and ultra high-power state of the art LEDs. Simple installation. Ideal for indoor lighting and spotlight applications.

- **SOLERIQ® S**
The new innovative LEDs that offer flexibility in optics design via smaller LES, high luminous efficacy without compromising the product performance.
- **SOLERIQ® L**
The only innovative and state of the art LEDs that offer optically & electrically binned filament content to OSRAM quality and reliability requirement.



Low Power / Mid Power LEDs



Product	Type	Typ. Rth JS el (K/W)	CCT (K)	CRI min.	CRI typ.	Typ. Luminous flux (lm)	Typ. Efficacy (lm/W)	Max. Current (mA)	Typ. Binning current (mA)	Typ. Binning temperature (°C)	Typ. Binning voltage (V)	Viewing angle at 50 % IV	Footprint (mm)
DURIS® E 2	GW JBLMS1.EM	35	2700 - 6500	80	85	25.0	127	100	65	65	3.10	120°	2.0 x 1.6
DURIS® E 3	LCW/LUW JNSH.EC	100	2400 - 6500	80	85	7.9	130	30	20	25	3.05	110°	3.0 x 1.4
	LCW/LUW JNSH.PC	100	3000 - 6500	70	-	8.6	141	30	20	25	3.05	110°	3.0 x 1.4
	GW JCLMS1.EC	41	2700 - 6500	80	85	27.0	134	150	65	25	3.1	120°	3.0 x 1.4
	GW JCLPS1.EM	24	2700 - 6500	80	85	30.0	153	150	65	25	3.02	120°	3.0 x 1.4
	GW JDSMS1.EC	24	2400 - 6500	80	85	49.0	130	180	120	25	3.15	120°	5.6 x 3.0
DURIS® E 5	GW JDSMS1.PC	24	3000 - 6500	70	-	52.0	138	180	120	25	3.15	120°	5.6 x 3.0
	GW JDSMS1.CC	24	2700 - 4000	90	95	43.0	114	180	120	25	3.15	120°	5.6 x 3.0
	GW JDSRS1.EC	16	2700 - 6500	80	85	56.0	156	180	120	25	3.0	120°	5.6 x 3.0
	GW JDSRS1.CC	16	2700 - 4000	90	95	47.0	131	180	120	25	3.0	120°	5.6 x 3.0
	GW JDSTS1.EM	9.5	2700 - 6500	80	85	34.0	184	180	65	25	2.85	120°	5.6 x 3.0
	GW SBLMA1.EM	24	2700 - 6500	80	85	30.0	159	150	65	25	2.9	150°	2.0 x 1.6
DURIS® S 2	GW SBLMA2.EM	24	2700 - 6500	80	85	33.0	176	150	65	25	2.9	150°	2.0 x 1.6
	GW PSLMS1.CC	25	2700 - 4000	90	93	22.0	115	240	65	25	2.95	120°	3.0 x 3.0
DURIS® S 5	GW PSLMS1.EC	25	2700 - 6500	80	83	27.0	141	240	65	25	2.95	120°	3.0 x 3.0
	GW PSLLS1.EC	30	2700 - 6500	80	83	31.0	122	180	80	25	3.2	120°	3.0 x 3.0
	GW PSLM31.CM	20	2700 - 4000	90	93	22.0	118	200	65	25	2.9	120°	3.0 x 3.0
	GW PSLM31.EM	20	2700 - 6500	80	83	28.0	151	200	65	25	2.9	120°	3.0 x 3.0
	GW JSLPS1.EM	14	2700 - 6500	80	82	118.0	124	200	150	25	6.35	120°	3.0 x 3.0
DURIS® P 5	GW DASPA1.EC	14	2700 - 5000	80	83	33.0	110	250	100	25	3	130°	2.2 x 2.6

High Power LEDs



Product	Type	Typ. Rth JS el (K/W)	CCT (K)	CRI min.	CRI typ.	Typ. Luminous flux (lm)	Typ. Efficacy (lm/W)	Max. Current (mA)	Typ. Binning current (mA)	Typ. Binning temperature (°C)	Typ. Binning voltage (V)	Viewing angle at 50 % IV	Footprint (mm)
DURIS® S 5	GW PSLPS1.CC	11	2700 - 4000	90	93	90	97	240	150	25	6.2	120°	3.0 x 3.0
	GW PSLPS1.EC	11	2700 - 6500	80	83	118	127	240	150	25	6.2	120°	3.0 x 3.0
	GW PSLRS1.CC	11	2700 - 4000	90	93	103	112	200	150	25	6.15	120°	3.0 x 3.0
	GW PSLRS1.EC	11	2700 - 6500	80	83	123	133	200	150	25	6.15	120°	3.0 x 3.0
	GW PSLRS1.PC	11	4000 - 6500	70	73	138	150	200	150	25	6.15	120°	3.0 x 3.0
	GW PSLR31.CM	11	2700 - 4000	90	93	94	101	200	150	25	6.2	120°	3.0 x 3.0
	GW PSLR31.EM	11	2700 - 6500	80	83	121	131	200	150	25	6.2	120°	3.0 x 3.0
	GW PSLR32.CM	11	2700 - 6500	90	93	40	117	400	120	85	2.85	120°	3.0 x 3.0
	GW PSLR32.EM	11	2700 - 6500	80	83	54	157	400	120	25	2.85	120°	3.0 x 3.0
DURIS® S 8	GW P9LM31.EM	4.4	2700 - 6500	80	83	370	133	200	150	25	18.6	120°	5.0 x 5.0
	GW P9LR33.CM	3.5	2700 - 4000	90	92	390	105	200	150	25	24.8	120°	5.0 x 5.0
	GW P9LT31.CM	4.1	2700 - 4000	90	92	480	103	200	150	25	31	120°	5.0 x 5.0
DURIS® P 8	GW PUSRA1.PM	2.8	3000 - 6500	70	72	290	148	1500	700	85	2.8	120°	3.7 x 3.7
OSOLON® Square	GW CSSRM1.BM	2.9	2700 - 4000	90	95	172	88	1800	700	85	2.8	120°	3.0 x 3.0
	GW CSSRM1.CC	2.1	2700 - 6500	90	92	196	100	1800	700	85	2.8	120°	3.0 x 3.0
	GW CSSRM1.EC	2.1	2400 - 5000	80	82	233	119	1800	700	85	2.8	120°	3.0 x 3.0
	GW CSSRM1.PC	2.1	3000 - 6500	70	72	281	143	1800	700	85	2.8	120°	3.0 x 3.0
	GW CSSRM2.PM	2.1	3000 - 6500	70	72	290	148	1800	700	85	2.8	120°	3.0 x 3.0
OSOLON® SSL	GW CS8PM1.PM	4.2	3000 - 6500	70	72	136	136	1300	350	85	2.85	80°	3.0 x 3.0
	GW CS8PM1.EM	4.2	2500 - 5000	80	82	110	110	1300	350	85	2.85	80°	3.0 x 3.0
	GW CS8PM1.CM	4.2	2700 - 4000	90	92	90	90	1300	350	85	2.85	80°	3.0 x 3.0
	GW CSHPM1.PM	4.2	3000 - 6500	70	72	136	136	1300	350	85	2.85	150°	3.0 x 3.0
	GW CSHPM1.EM	4.2	2500 - 5000	80	82	110	110	1300	350	85	2.85	150°	3.0 x 3.0
	GW CSHPM1.CM	4.2	2700 - 4000	90	92	90	90	1300	350	85	2.85	150°	3.0 x 3.0
	GW T3LMF1.EM	46	2500 - 4000	80	85	88	147	15	10	85	60	360	39 x 1.8
SOLERIQ® L 38	GW T3LRF1.EM	47	2500 - 4000	80	85	128	149	15	10	85	86	360	39 x 1.8
	GW T3LSF1.EM	50	2500 - 4000	80	85	134	146	15	10	85	92	360	39 x 1.8





Ultra High Power LEDs



Product	Type	Typ. Rth JS el (K/W)	CCT (K)	CRI min.	CRI typ.	Typ. Luminous flux (lm)	Typ. Efficacy (lm/W)	Max. Current (mA)	Typ. Binning current (mA)	Typ. Binning temperature (°C)	Typ. Binning voltage (V)	Viewing angle at 50 % IV	Footprint (mm)
DURIS® S 8	GW P9LM31.EM	4.4	2700 - 6500	80	82	375	134	200	150	25	18.6	120°	5.0 x 5.0
	GW P9LR31.EM	3.5	2700 - 6500	80	82	500	134	200	150	25	24.8	120°	5.0 x 5.0
	GW P9LR32.EM	3.5	2700 - 6500	80	82	500	134	800	600	25	6.2	120°	5.0 x 5.0
	GW P9LT31.EM	2.6	2700 - 6500	80	82	610	131	200	150	25	31	120°	5.0 x 5.0
	GW P9LT32.EM	2.6	2700 - 6500	80	82	610	131	1000	750	25	6.2	120°	5.0 x 5.0
	GW P9LR33.CM	3.5	2700 - 4000	90	92	390	105	200	150	25	24.8	120°	5.0 x 5.0
	GW P9LT31.CM	2.6	2700 - 4000	90	92	480	103	200	150	25	31	120°	5.0 x 5.0
DURIS® S 10	GW P7LP32.EM	1.2	2700 - 6500	80	82	1400	123	400	300	25	38	120°	7.0 x 7.0
	GW P7LP32.CM	1.2	2700 - 4000	90	92	1120	98	400	300	25	38	120°	7.0 x 7.0
	GW P7LM32.EM	1.4	2700 - 6500	80	82	1060	123	400	300	25	28	120°	7.0 x 7.0
	GW P7LM32.CM	1.4	2700 - 4000	90	92	850	101	400	300	25	28	120°	7.0 x 7.0
DURIS® P 10	GW P7STA1.PM	0.5	3000 - 6500	70	72	1100	140	200	1400	85	5.6	120°	7.0 x 7.0
	GW P7STA2.PM	0.5	3000 - 6500	70	72	1100	140	200	1400	85	5.6	120°	7.0 x 7.0
SOLERIQ® S 9	GW KAFGB3.EM	1.1	2700-6500	80	83	958	138	460	200	85	34.7	120°	13.5 x 13.5
	GW KAFHB3.EM	0.8	2700-6500	80	83	1392	134	690	300	85	34.7	120°	13.5 x 13.5
	GW KAFJB3.EM	0.5	2700-6500	80	83	1812	131	920	400	85	34.7	120°	13.5 x 13.5
SOLERIQ® S 13	GW KAGHB2.EM	1	2700 - 6500	80	85	1510	125	700	350	85	34.6	120	19 x 19
	GW KAGJB2.EM	0.5	2700 - 6500	80	85	2150	124	1200	500	85	34.6	120	19 x 19
	GW KAGLB2.EM	0.5	2700 - 6500	80	85	2920	121	1400	700	85	34.6	120	19 x 19
	GW KAGHB2.CM¹	1	2700 - 4000	90	95	1190	98	700	350	85	34.6	120	19 x 19
	GW KAGJB2.CM¹	0.5	2700 - 4000	90	95	1656	100	1731	500	85	34.6	120	19 x 19
	GW KAGLB2.CM¹	0.5	2700 - 4000	90	95	2227	92	1400	700	85	34.6	120	19 x 19
	GW KAGGB3.EM	1.1	2700 - 6500	80	83	962	140	460	200	85	34.7	120	19 x 19
	GW KAGHB3.EM	0.9	2700 - 6500	80	83	1415	136	690	300	85	34.7	120	19 x 19
	GW KAGJB3.EM	0.5	2700 - 6500	80	83	2325	134	1150	500	85	34.7	120	19 x 19
	GW KAGLB3.EM	0.4	2700 - 6500	80	83	2735	132	1380	600	85	34.7	120	19 x 19
	GW KAGMB3.EM	0.3	2700 - 6500	80	83	3205	132	1610	700	85	34.7	120	19 x 19
	GW KAHLB2.PM	0.3	4000 - 6500	70	75	3960	163	1920	700	85	34.8	120	24 x 24
	GW KAHJB1.EM	0.6	2700 - 4000	80	82	2866	123	700	500	85	46.5	120	24 x 24
	GW KAHLB2.EM	0.3	2700 - 5000	80	85	3300	135	1920	700	85	34.8	120	24 x 24
	GW KAHLB1.EM	0.5	2700 - 4000	80	82	3996	123	1000	700	85	46.5	120	24 x 24
SOLERIQ® S 19	GW KAHNB1.EM	0.3	2700 - 4000	80	82	5478	121	1400	1050	85	43.2	120	24 x 24
	GW KAHLB1.CM¹	0.5	2700 - 4000	90	95	3400	104	1000	700	85	46.5	120	24 x 24
	GW KAHJB1.CM¹	0.6	2700 - 4000	90	95	2522	108	700	500	85	46.5	120	24 x 24
	GW KAHNB1.CM¹	0.3	2700 - 4000	90	95	4648	102	1400	1050	85	43.2	120	24 x 24
	GW KAHQB2.EM	0.3	2700-6500	80	85	6460	120	2530	1500	85	36	120	24 x 24

1) available in Brilliant White

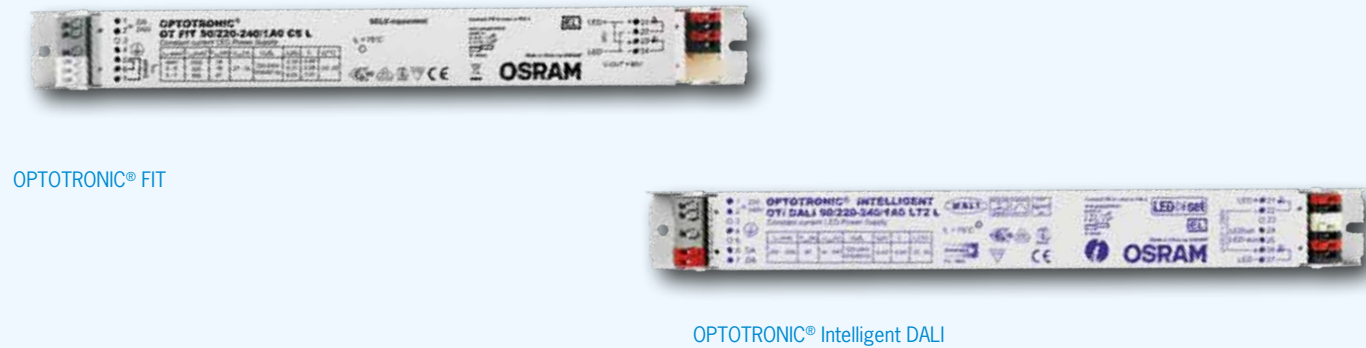
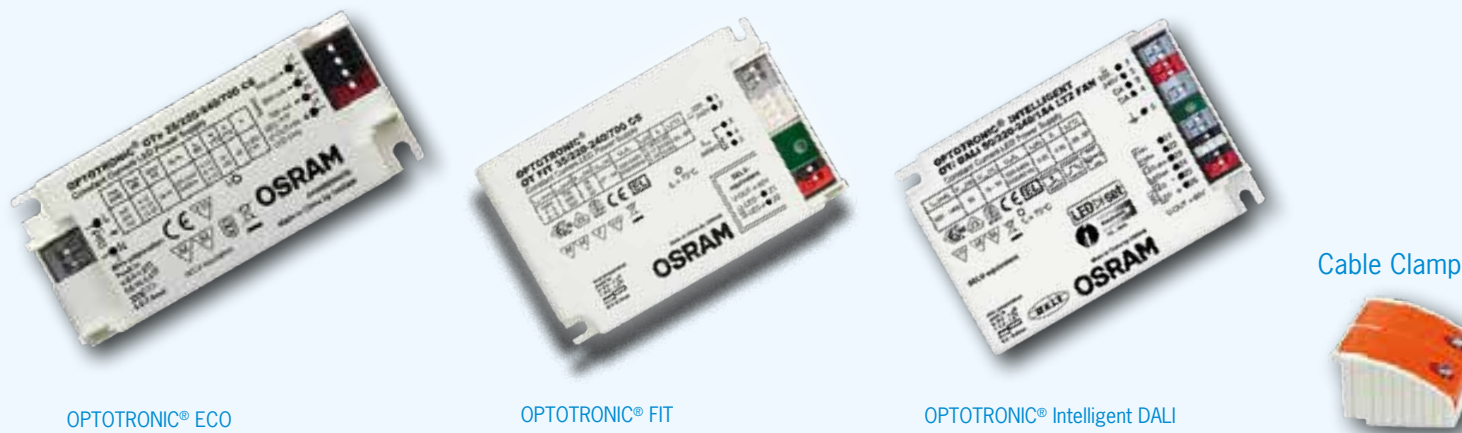
Color LEDs



Product	Type	Color	Dominant wavelength (nm)	Rth (K/W)	Typ. radiant flux (mW)	Typ. V1 (V)	Typ. Luminous Flux (lm)	Max. Current (mA)	Viewing angle at 50 % IV	industry standard footprint (mm²)
DURIS® S 5 Color	GR PSLR31.13	Red	620	11	-	6.25	22	200	120 °	3.0 x 3.0
	GA PSLR31.13	Amber	613	11	-	6.25	45	200	120 °	3.0 x 3.0
	GT PSLR31.13	Green	540	11	-	6.25	170	200	120 °	3.0 x 3.0
	GB PSLR31.13	Deep Blue	450	11	420	6.25	-	200	120 °	3.0 x 3.0
DURIS® P 5	GD DASPA1.14	Deep Blue	439 – 461	12	140	2.95	-	250	105°	2.6 x 2.2
	GB DASPA1.13	Blue	459 – 476	15	-	3.1	7.5	250	120 °	2.6 x 2.2
	GT DASPA1.13	True Green	513 – 543	15	-	3.25	26	250	120 °	2.6 x 2.2
	GY DASPA1.23	Yellow	583 – 595	19	-	2.15	14	250	120 °	2.6 x 2.2
	GR DASPA1.23	Red	612 – 630	12	-	2.05	16	250	120 °	2.6 x 2.2
	LY CP7P	Yellow	590	8.2	-	2.20	65	1000	80°	3.0 x 3.0
OSLOM® SSL	GY CS8PM1.23*	Yellow	590	TBD	-	TBD	TBD	1000	80°	3.0 x 3.0
	LY CPDP	Yellow	590	8.2	-	2.20	65	1000	150°	3.0 x 3.0
	GY CSHPM1.23*	Yellow	590	TBD	-	TBD	TBD	1000	150°	3.0 x 3.0
	LT CP7P	True Green	528	7.9	-	3.40	100	1000	80°	3.0 x 3.0
	GT CS8PM1.13*	True Green	528	TBD	-	TBD	TBD	1000	80°	3.0 x 3.0
	LT CPDP	True Green	528	7.9	-	3.40	100	1000	150°	3.0 x 3.0
	GT CSHPM1.13*	True Green	528	TBD	-	TBD	TBD	1000	150°	3.0 x 3.0
	GT CSSPM1.13*	True Green	528	TBD	-	TBD	TBD	1000	120°	3.0 x 3.0
	LR CP7P	Red	623	6.5	-	2.00	63	1000	80°	3.0 x 3.0
	GR CS8PM1.23*	Red	623	TBD	-	TBD	TBD	1000	80°	3.0 x 3.0
	LR CPDP	Red	623	6.5	-	2.00	63	1000	150°	3.0 x 3.0
	GR CSHPM1.23*	Red	623	TBD	-	TBD	TBD	1000	150°	3.0 x 3.0
	LH CP7P	Hyper Red	660	4.8	370	2.10	-	1000	80°	3.0 x 3.0
	GH CS8PM1.24*	Hyper Red	660	TBD	TBD	TBD	-	1000	80°	3.0 x 3.0
	LH CPDP	Hyper Red	660	4.8	370	2.10	-	1000	150°	3.0 x 3.0
	GH CSHPM1.24*	Hyper Red	660	TBD	TBD	TBD	-	1000	150°	3.0 x 3.0
	GH CSSPM1.24*	Hyper Red	660	TBD	TBD	TBD	-	1000	120°	3.0 x 3.0
	GF CS8PM2.24*	Far Red	730	TBD	TBD	TBD	-	1000	80°	3.0 x 3.0
	GF CSHPM2.24*	Far Red	730	TBD	TBD	TBD	-	1000	150°	3.0 x 3.0
	GF CSSPM1.24*	Far Red	730	TBD	TBD	TBD	-	1000	120°	3.0 x 3.0
	LD CQ7P	Deep Blue	451	3.9	-	2.90	650	1000	80°	3.0 x 3.0
	GD CS8PM1.14*	Deep Blue	451	TBD	TBD	TBD	-	1000	80°	3.0 x 3.0
	LD CQDP	Deep Blue	451	3.9	-	2.90	650	1000	150°	3.0 x 3.0
	GD CSSPM1.14*	Deep Blue	451	TBD	TBD	TBD	-	1000	120°	3.0 x 3.0
	LB CP7P	Blue	470	6.5	-	3.20	28	1000	80°	3.0 x 3.0
	GB CS8PM1.13*	Blue	470	TBD	-	TBD	TBD	1000	80°	3.0 x 3.0
	LB CPDP	Blue	470	6.5	-	3.20	28	1000	150°	3.0 x 3.0
	GB CSHPM1.13*	Blue	470	TBD	-	TBD	TBD	1000	150°	3.0 x 3.0
	LA CP7P	Amber	617	5.6	-	2.10	85	1000	80°	3.0 x 3.0
	GA CS8PM1.23*	Amber	617	TBD	-	TBD	TBD	1000	80°	3.0 x 3.0
	LA CPDP	Amber	617	5.6	-	2.10	85	1000	150°	3.0 x 3.0
	GA CSHPM1.23*	Amber	617	TBD	-	TBD	TBD	1000	150°	3.0 x 3.0
	GA CSSPM1.23*	Amber	617	TBD	-	TBD	TBD	1000	120°	3.0 x 3.0

* Upcoming product





OPTOTRONIC® Compact LED Drivers

OSRAM

OPTOTRONIC® Linear LED Drivers

OSRAM

OPTOTRONIC® ECO

- Three selectable output currents (CS = current setting)
- Suitable for class I and class II luminaires
- Lifetime of up to 50.000 hours* and high ambient temperature of up to +50 / 55 °C
- Several housing designs for different applications (track lighting, downlights and spot-lights) with form factor derived from conventional ECGs

OPTOTRONIC® FIT

- Three selectable output currents (CS = current setting)
- Suitable for class I and class II luminaires
- Lifetime of up to 100 000 hours* and high ambient temperature of up to +50 °C
- Improved protection of LED modules thanks to hot plug-in function
- Low ripple of output current (<5%) for a higher quality of light
- Suitable for emergency lighting systems with central battery according to IEC 61347-2-3

OPTOTRONIC® Intelligent DALI

- Window driver with adjustable output current via DALI or self-setting in combination with LEDset2
- Lifetime of up to 100 000 hours* and high ambient temperature of up to +50 °C
- Improved protection of LED modules thanks to hot plug-in function with automatic switch-on of light
- Stepless and color-consistent dimming with DALI (from 100 % to 1 %, hybrid dimming)
- Programmable features: CLO (constant lumen output), corridor function, Touch DIM® (Sensor), emergency lighting
- Low ripple of output current (<2%)
- Suitable for emergency lighting systems with central battery according to IEC 61347-2-3

OPTOTRONIC® ECO

Type	Product No.	LxBxH (mm)	Iout (mA)	Vout	Pout (W)	Eff. max. (%)	Ta (°C)	Tc (°C)	Lifetime (h)**	Isolation
OTe 50/220-240/1A0 CS FAN	4052899919396	103x67x29.5 (B)	700/900/1050	27-54	22-56	≥ 88	-20...50	95/85	35k/50k	SELV
OTe 50/220-240/1A0 CS	4052899917576	103x67x29.5 (B)	800/925/1050	27-54	22-56	≥ 87	-20...50	85/75	35k/50k	SELV
OTe 50/220-240/1A4 CS	4052899917583	103x67x29.5 (B)	1150/1250/1400	18-36	21-50	≥ 87	-20...50	80/70	35k/50k	SELV
OTe 35/220-240/700 CS S	4052899917552	110x43x29.5 (A)	500/600/700	27-54	13-37	≥ 87	-20...50	80/70	35k/50k	SELV
OTe 35/220-240/1A0 CS S	4052899917651	110x43x29.5 (A)	800/925/1050	17-34	14-36	≥ 87	-20...50	80/70	35k/50k	SELV
OTe 35/220-240/700 CS	4052899917569	103x67x29.5 (B)	500/600/700	27-54	13-37	≥ 87	-20...55	75/65	35k/50k	SELV
OTe 35/220-240/1A0 CS	4052899917668	103x67x29.5 (B)	800/925/1050	17-34	14-36	≥ 87	-20...55	80/70	35k/50k	SELV
OTe 25/220-240/420 CS	4052899917538	97x43x29.5 (C)	290/350/420	27-54	8-23	≥ 85	-20...50	75/65	35k/50k	SELV
OTe 25/220-240/700 CS	4052899917545	97x43x29.5 (C)	500/600/700	18-36	9-25	≥ 85	-20...50	80/70	35k/50k	SELV

OPTOTRONIC® FIT

Type	Product No.	LxBxH (mm)	Iout (mA)	Vout	Pout (W)	Eff. max. (%)	Ta (°C)	Tc (°C)	Lifetime (h)**	Isolation
OT FIT 50/220-240/1A0 CS	4052899166318	103x67x29.5	500/900/1050	27-54	56	≥ 89	-25...50	75/65	50k/100k	SELV
OT FIT 35/220-240/700 CS	4052899919402	103x67x29.5	550/600/700	27-54	15-37.5	≥ 87	-20...50	75/65	50k/100k	SELV
OT FIT 25/220-240/500 CS	4052899919419	103x67x29.5	400/450/500	27-54	11-27	≥ 85	-20...50	75/65	50k/100k	SELV
OT FIT 15/220-240/350 CS	4052899919426	103x67x29.5	250/300/350	27-54	7-19	≥ 83	-20...50	75/65	50k/100k	SELV

OPTOTRONIC® Intelligent DALI

Type	Product No.	LxBxH (mm)	Iout (mA)	Vout	Pout (W)	Eff. max. (%)	Ta (°C)	Tc (°C)	Lifetime (h)**	Isolation
OTi DALI 50/220-240/1A4 LT2 FAN	4052899919433	110x75x25.5	600-1400	15-54	22-55	92	-20...50	75/65	50k/100k	SELV
OTi DALI 35/220-240/1A0 LT2	4052899919440	103x67x29.5	450-1050	15-54	15-35	87	-20...50	75/65	50k/100k	SELV
OTi DALI 25/220-240/700 LT2	4052899919457	103x67x29.5	250-700	12-54	10-27	86	-20...50	75/65	50k/100k	SELV

* Operating at 10 °C lower than max. Tc, maximum failure rate of 10 % | ** At corresponding Tc temperature, maximum failure rate of 10 %

OPTOTRONIC® FIT

- Three selectable output currents (CS = current setting)
- Suitable for class I luminaires
- Lifetime of up to 100 000 hours* and high ambient temperature of up to +50 °C
- Overtemperature, overload, short/open circuit and wrong-mains protection
- Low ripple of output current (< 10 at 100 Hz (%)) for a higher quality of light (e.g. no flickering on video recording)
- Suitable for emergency lighting systems with central battery according to IEC 61347-2-3

OPTOTRONIC® Intelligent DALI

- Window driver with adjustable output current output current via DALI or self-setting in combination with LEDset2
- Suitable for class I luminaires
- Lifetime of up to 100 000 hours* and high ambient temperature of up to +50 °C
- Overtemperature, overload, short/open circuit and wrong-mains protection
- Low ripple of output current (< 10 at 100 Hz (%)) for a higher quality of light (e.g. no flickering on video recording)
- Stepless and color-consistent dimming with DALI (from 100 % to 1 %, hybrid dimming)
- Programmable features: CLO (constant lumen output), corridor function, Touch DIM® (Sensor), emergency lighting
- Suitable for emergency lighting systems with central battery according to IEC 61347-2-3

OPTOTRONIC® FIT

Product reference	Product number	LxWxH (mm)	Iout (mA)	Vout (V)	Pout (W)	Ta (°C)	Tc (°C)	Lifetime (h)**	Iout accur. (%)	Isolation
OT FIT 30/220-240/125 D L	4052899222557	210*30*21	125	54...216	27	-15...+50	75	50k	±10 %	non-SELV
OT FIT 50/220-240/250 D L	4052899222571	210*30*21	250	54...216	54	-15...+50	75	50k	±10 %	non-SELV
OT FIT 50/220-240/350 D L	4052899222595	210*30*21	350	54...150	52	-15...+50	75	50k	±10 %	non-SELV
OTi 60/220-240/550 D LT2 L	4052899188419	280*30*21	120...550	54...240	60	-25...+60	75	50k	±5 %	non-SELV
OTi 90/220-240/1A0 D LT2 L	4052899188556	280*30*21	250...1000	54...240	90	-25...+50	75	50k	±5 %	non-SELV
OT FIT 35/220-240/700 CS L	4052899032828	280*30*21	700/600/500	27...54	35	-25...+50	75	50k	±10 %	SELV
OT FIT 50/220-240/1A0 CS L	4052899032804	280*30*21	1050/925/800	27...54	55	-25...+50	75	50k	±10 %	SELV
OT FIT 80/220-240/1A6 CS L	4052899032781	360*30*21	1550/1400/1200	27...54	80	-25...+50	75	50k	±7 %	SELV

OPTOTRONIC® Intelligent DALI

Product reference	Product number	LxWxH (mm)	Iout (mA)	Vout (V)	Pout (W)	Ta (°C)	Tc (°C)	Lifetime (h)**	Iout accur. (%)	Isolation
OTi DALI 35/220-240/350 UF	4052899957022	360*30*11	75...400	54...240	35	-25...+60	75 °C	50k	±5 %	non-SELV
OTi DALI 60/220-240/550 LT2 L	4052899188662	280*30*21	120...550	54...240	60	-25...+60	75 °C	50k	±5 %	non-SELV
OTi DALI 75/220-240/750 UF	4052899957046	360*30*11	250...700	54...240	75	-25...+50	75 °C	50k	±5 %	non-SELV
OTi DALI 90/220-240/1A0 LT2 L	4008321867568	280*30*21	250...1000	54...240	90	-25...+50	75 °C	50k	±5 %	non-SELV
OTi DALI 35/220-240/700 LT2 L	4052899245389	360*30*21	200...700	20...54	35	-25...+60	75 °C	50k	±2 %	SELV
OTi DALI 50/220-240/1A4 LT2 L	4052899028098	360*30*21	600...1400	20...54	54	-25...+50	75 °C	50k	±5 %	SELV
OTi DALI 80/220-240/1A6 LT2 L	4052899028074	360*30*21	600...1550	20...54	80	-25...+50	80 °C	50k	±5 %	SELV
OTi DALI 80/220-240/2A1 LT2 L	4052899028050	360*30*21	1000...2100	20...54	80	-25...+45	80 °C	50k	±5 %	SELV

* Operating at 10 °C lower than max. Tc, maximum failure rate of 10 % | ** At corresponding Tc temperature, maximum failure rate of 10 %



PrevaLED® COIN 50



PrevaLED® COIN 50

Benefits

- Fits in most existing MR16 traditional luminaries
- Easy & fast design-in for luminaire manufacturers
- Narrow beam angles, 24° and 40°
- High lumen output for HID-mini replacement

Applications

- Shop: Cabinet & Shelf
- Hospitality:
Restaurant & Hotel, Corridors & Elevator

Product Description	Product No.	Nominal Voltage (V)	Nominal wattage (W)	Rated wattage (W)	Type of current	Luminous flux (lm)	Height (mm)	Product weight (g)	Ambient temp. range (°C)	Max. temp. at test point (°C)
PrevaLED® COIN 50 DC										
PL-CN50-G2-1200-827-24D	4052899324299	30.6	10.70	10.70	DC	892	49,80	80.00	-25...+40	95
PL-CN50-G2-1200-827-40D	4052899324381	30.6	10.70	10.70	DC	907	49,80	80.00	-25...+40	95
PL-CN50-G2-1200-830-24D	4052899324343	30.6	10.70	10.70	DC	967	49,80	80.00	-25...+40	95
PL-CN50-G2-1200-830-40D	4052899324404	30.6	10.70	10.70	DC	967	49,80	80.00	-25...+40	95
PL-CN50-G2-1200-840-24D	4052899324367	30.6	10.70	10.70	DC	1080	49,80	80.00	-25...+40	95
PL-CN50-G2-1200-840-40D	4052899324428	30.6	10.70	10.70	DC	1076	49,80	80.00	-25...+40	95
PL-CN50-G2-1400-827-24D	4052899324442	36.5	12.80	12.80	DC	1124	49,80	80.00	-25...+40	95
PL-CN50-G2-1400-827-40D	4052899324503	36.5	12.80	12.80	DC	1116	49,80	80.00	-25...+40	95
PL-CN50-G2-1400-830-24D	4052899324466	36.5	12.80	12.80	DC	1190	49,80	80.00	-25...+40	95
PL-CN50-G2-1400-830-40D	4052899324527	36.5	12.80	12.80	DC	1210	49,80	80.00	-25...+40	95
PL-CN50-G2-1400-840-24D	4052899324480	36.5	12.80	12.80	DC	1316	49,80	80.00	-25...+40	95
PL-CN50-G2-1400-840-40D	4052899324541	36.5	12.80	12.80	DC	1336	49,80	80.00	-25...+40	95
PL-CN50-G2-900-927-24D	4052899324145	30.7	10.70	10.70	DC	756	49,80	80.00	-25...+40	95
PL-CN50-G2-900-927-40D	4052899324206	30.7	10.70	10.70	DC	761	49,80	80.00	-25...+40	95
PL-CN50-G2-900-930-24D	4052899324169	30.7	10.70	10.70	DC	754	49,80	80.00	-25...+40	95
PL-CN50-G2-900-930-40D	4052899324220	30.7	10.70	10.70	DC	758	49,80	80.00	-25...+40	95
PL-CN50-G2-900-940-24D	4052899324183	30.7	10.70	10.70	DC	816	49,80	80.00	-25...+40	95
PL-CN50-G2-900-940-40D	4052899324275	30.7	10.70	10.70	DC	822	49,80	80.00	-25...+40	95
PrevaLED® COIN 50 AC										
PL-CN50AC-G1 650-830 24 230V	4052899276727	230	8.20	8.20	AC	579	75.0	185.00	-20...+40	90
PL-CN50AC-G1 650-830 40 230V	4052899276765	230	8.20	8.20	AC	591	75.0	185.00	-20...+40	90
PL-CN50AC-G1 650-840 24 230V	4052899276741	230	8.20	8.20	AC	642	75.0	185.00	-20...+40	90
PL-CN50AC-G1 650-840 40 230V	4052899276789	230	8.20	8.20	AC	653	75.0	185.00	-20...+40	90
PL-CN50AC-G1 800-830 24 230V	4052899276604	230	9.20	9.20	AC	710	75.0	185.00	-20...+40	90
PL-CN50AC-G1 800-830 40 230V	4052899276642	230	9.20	9.20	AC	732	75.0	185.00	-20...+40	90
PL-CN50AC-G1 800-830 60 230V	4052899276680	230	9.20	9.20	AC	667	75.0	185.00	-20...+40	90
PL-CN50AC-G1 800-840 24 230V	4052899276628	230	9.20	9.20	AC	767	75.0	185.00	-20...+40	90
PL-CN50AC-G1 800-840 40 230V	4052899276666	230	9.20	9.20	AC	759	75.0	185.00	-20...+40	90
PL-CN50AC-G1 800-840 60 230V	4052899276703	230	9.20	9.20	AC	687	75.0	185.00	-20...+40	90

PrevaLED® COIN 111



PrevaLED® COIN 111

Benefits

Fits in most existing AR111-type luminaires:

- Easy & fast design-in for luminaire manufacturers
- Narrow beam angles, 24° and 40°
- High lumen output for HID-lamp replacement
- Flexibility through 3 lumen packages and 2 CCTs

Applications

For Spot & Track-light in:

- Chain stores
- Retail shops
- Shopping malls
- Exhibition malls
- Museums

Product Description	Product No.	Nominal Voltage (V)	Nominal wattage (W)	Rated wattage (W)	Type of current	Luminous flux (lm)	Height (mm)	Diameter (mm)	Product weight (g)	Ambient temp. range (°C)	Max. temp. at test point (°C)
PrevaLED® COIN 111 DC											
PL-CN111-G2-1500-927-24D	4052899323735	24.7	17.30	17.30	DC	1292	46	111	290.00	-25...+40	85
PL-CN111-G2-1500-927-40D	4052899323834	24.7	17.30	17.30	DC	1272	46	111	290.00	-25...+40	85
PL-CN111-G2-1500-930-24D	4052899323797	24.7	17.30	17.30	DC	1226	46	111	290.00	-25...+40	85
PL-CN111-G2-1500-930-40D	4052899323858	24.7	17.30	17.30	DC	1267	46	111	290.00	-25...+40	85
PL-CN111-G2-1500-940-24D	4052899323810	24.7	17.30	17.30	DC	1376	46	111	290.00	-25...+40	85
PL-CN111-G2-1500-940-40D	4052899323872	24.7	17.30	17.30	DC	1384	46	111	290.00	-25...+40	85
PL-CN111-G2-2400-827-24D	4052899323896	30.8	21.60	21.60	DC	1845	46	111	290.00	-25...+40	85
PL-CN111-G2-2400-827-40D	4052899323957	30.8	21.60	21.60	DC	1885	46	111	290.00	-25...+40	85
PL-CN111-G2-2400-830-24D	4052899323919	30.8	21.60	21.60	DC	2016	46	111	290.00	-25...+40	85
PL-CN111-G2-2400-830-40D	4052899323971	30.8	21.60	21.60	DC	2041	46	111	290.00	-25...+40	85
PL-CN111-G2-2400-840-24D	4052899323933	30.8	21.60	21.60	DC	2182	46	111	290.00	-25...+40	85
PL-CN111-G2-2400-840-40D	4052899323995	30.8	21.60	21.60	DC	2199	46	111	290.00	-25...+40	85
PL-CN111-G2-3600-827-24D	4052899324015	30.6	32.10	32.10	DC	2767	46	111	290.00	-25...+40	85
PL-CN111-G2-3600-827-40D	4052899324077	30.6	32.10	32.10	DC	2882	46	111	290.00	-25...+40	85
PL-CN111-G2-3600-830-24D	4052899324039	30.6	32.10	32.10	DC	3020	46	111	290.00	-25...+40	85
PL-CN111-G2-3600-830-40D	4052899324091	30.6	32.10	32.10	DC	3105	46	111	290.00	-25...+40	85
PL-CN111-G2-3600-840-24D	4052899324053	30.6	32.10	32.10	DC	3332	46	111	290.00	-25...+40	85
PL-CN111-G2-3600-840-40D	4052899324121	30.6	32.10	32.10	DC	3309	46	111	290.00	-25...+40	85
PrevaLED® COIN 111 AC											
PL-CN111AC-G1 1200-830 24	4052899165533	230	15.50	15.50	AC	1151	46	111	340.00	-40...80	80
PL-CN111AC-G1 1200-830 40	4052899165618	230	15.50	15.50	AC	1129	46	111	340.00	-40...80	80
PL-CN111AC-G1 1200-840 24	4052899165557	230	15.50	15.50	AC	1243	46	111	340.00	-40...80	80
PL-CN111AC-G1 1200-840 40	4052899165632	230	15.50	15.50	AC	1224	46	111	340.00	-40...80	80
PL-CN111AC-G1 1800-830 24	4052899165571	230	22.50	22.50	AC	1664	46	111	340.00	-40...80	80
PL-CN111AC-G1 1800-830 40	4052899165656	230	22.50	22.50	AC	1616	46	111	340.00	-40...80	80
PL-CN111AC-G1 1800-840 24	4052899165595	230	22.50	22.50	AC	1759	46	111	340.00	-40...80	80
PL-CN111AC-G1 1800-840 40	4052899165670	230	22.50	22.50	AC	1752	46	111	340.00	-40...80	80





LINEARLIGHT FLEX

OSRAM

LINEARLIGHT FLEX

Product Description	Product No.	Nominal voltage (V)	Nominal wattage (W)	Rated wattage	Type of current	Luminous flux (lm)	Height (mm)	Length (mm)	Product weight (g)	Width (mm)	Ambient temperature range (°C)
LF1200-G3-820-09	4052899953055	24.0	93.30	93.30	DC	9000	1.4	9000	116.00	8.0	-20...75
LF1200-G3-824-09	4052899953062	24.0	93.30	93.30	DC	10800	1.4	9000	116.00	8.0	-20...75
LF1200-G3-827-09	4052899953079	24.0	77.80	77.80	DC	10800	1.4	9000	116.00	8.0	-20...75
LF1200-G3-830-09	4052899953086	24.0	77.80	77.80	DC	10800	1.4	9000	116.00	8.0	-20...75
LF1200-G3-840-09	4052899953093	24.0	70.80	70.80	DC	10800	1.4	9000	116.00	8.0	-20...75
LF1200-G3-850-09	4052899953291	24.0	70.80	70.80	DC	10800	1.4	9000	116.00	8.0	-20...75
LF1200-G3-865-09	4052899953314	24.0	70.80	70.80	DC	10800	1.4	9000	116.00	8.0	-20...75
LF1200-G3-927-09	4052899953321	24.0	93.30	93.30	DC	9897	1.4	9000	116.00	8.0	-20...75
LF1200-G3-930-09	4052899953338	24.0	93.30	93.30	DC	10800	1.4	9000	116.00	8.0	-20...75
LF1200-G3-940-09	4052899953345	24.0	87.30	87.30	DC	10800	1.4	9000	116.00	8.0	-20...75
LF1200TW-G3-82765-09	4052899953161	24.0	84.60	84.60	DC	10800	1.45	9000	106.00	8.0	-20...85
LF2000-G3-820-04	4052899952980	24.0	80.50	80.50	DC	7425	1.4	4500	58.00	8.0	-20...75
LF2000-G3-824-04	4052899952997	24.0	80.50	80.50	DC	9000	1.4	4500	58.00	8.0	-20...75
LF2000-G3-827-04	4052899953000	24.0	67.30	67.30	DC	9000	1.4	4500	58.00	8.0	-20...75
LF2000-G3-830-04	4052899953017	24.0	67.30	67.30	DC	9000	1.4	4500	58.00	8.0	-20...75
LF2000-G3-840-04	4052899953024	24.0	61.30	61.30	DC	9000	1.4	4500	58.00	8.0	-20...75
LF2000-G3-850-04	4052899953031	24.0	61.30	61.30	DC	9000	1.4	4500	58.00	8.0	-20...75
LF2000-G3-865-04	4052899953048	24.0	61.30	61.30	DC	9000	1.4	4500	58.00	8.0	-20...75
LF2000-G3-927-04	4052899963993	24.0	80.50	80.50	DC	8100	1.4	4500	58.00	8.0	-20...75
LF2000-G3-930-04	4052899964006	24.0	80.50	80.50	DC	9000	1.4	4500	58.00	8.0	-20...75
LF2000-G3-940-04	4052899964013	24.0	73.40	73.40	DC	9000	1.4	4500	58.00	8.0	-20...75
LF2000TW-G3-82765-04	4052899953284	24.0	83.20	83.20	DC	9000	1.45	4500	53.00	8.0	-20...85
LF3000-G3-820-03	4052899952911	24.0	86.70	86.70	DC	7500	1.4	3000	39.00	8.0	-20...75
LF3000-G3-824-03	4052899952928	24.0	86.70	86.70	DC	9000	1.4	3000	39.00	8.0	-20...75
LF3000-G3-827-03	4052899952935	24.0	71.10	71.10	DC	9000	1.4	3000	39.00	8.0	-20...75
LF3000-G3-830-03	4052899952942	24.0	71.10	71.10	DC	9000	1.4	3000	39.00	8.0	-20...75
LF3000-G3-840-03	4052899952959	24.0	65.40	65.40	DC	9000	1.4	3000	39.00	8.0	-20...75
LF3000-G3-850-03	4052899952966	24.0	65.40	65.40	DC	9000	1.4	3000	39.00	8.0	-20...75
LF3000-G3-865-03	4052899952973	24.0	65.40	65.40	DC	9000	1.4	3000	39.00	8.0	-20...75
LF3000-G3-927-03	4052899963948	24.0	86.70	86.70	DC	8100	1.4	3000	39.00	8.0	-20...75
LF3000-G3-930-03	4052899963955	24.0	86.70	86.70	DC	9000	1.4	3000	39.00	8.0	-20...75
LF3000-G3-940-03	4052899963962	24.0	79.66	79.66	DC	9000	1.4	3000	39.00	8.0	-20...75
LF3000TW-G3-82765-03	4052899953277	24.0	89.90	89.90	DC	9000	1.45	3000	36.00	8.0	-20...85
LF4000-G3-820-02	4052899952843	24.0	86.70	86.70	DC		1.4	3000	39.00	8.0	-20...75
LF4000-G3-824-02	4052899952850	24.0	86.70	86.70	DC		1.4	3000	39.00	8.0	-20...75
LF4000-G3-827-02	4052899952867	24.0	86.70	86.70	DC		1.4	3000	39.00	8.0	-20...75
LF4000-G3-830-02	4052899952874	24.0	86.70	86.70	DC		1.4	3000	39.00	8.0	-20...75
LF4000-G3-840-02	4052899952881	24.0	86.70	86.70	DC	11550	1.4	3000	39.00	8.0	-20...75
LF4000-G3-850-02	4052899952898	24.0	86.70	86.70	DC	11550	1.4	3000	39.00	8.0	-20...75
LF4000-G3-865-02	4052899952904	24.0	86.70	86.70	DC	11550	1.4	3000	39.00	8.0	-20...75
LF4000-G3-927-03	4052899963894	24.0	86.70	86.70	DC		1.4	3000	39.00	8.0	-20...75
LF4000-G3-930-03	4052899963900	24.0	86.70	86.70	DC		1.4	3000	39.00	8.0	-20...75
LF4000-G3-940-03	4052899963917	24.0	86.70	86.70	DC		1.4	3000	39.00	8.0	-20...75
LF4000TW-G3-82765-02	4052899953260	24.0	87.40	87.40	DC	7980	1.45	2100	25.00	8.0	-20...85

Flexible LED Modules

OSRAM

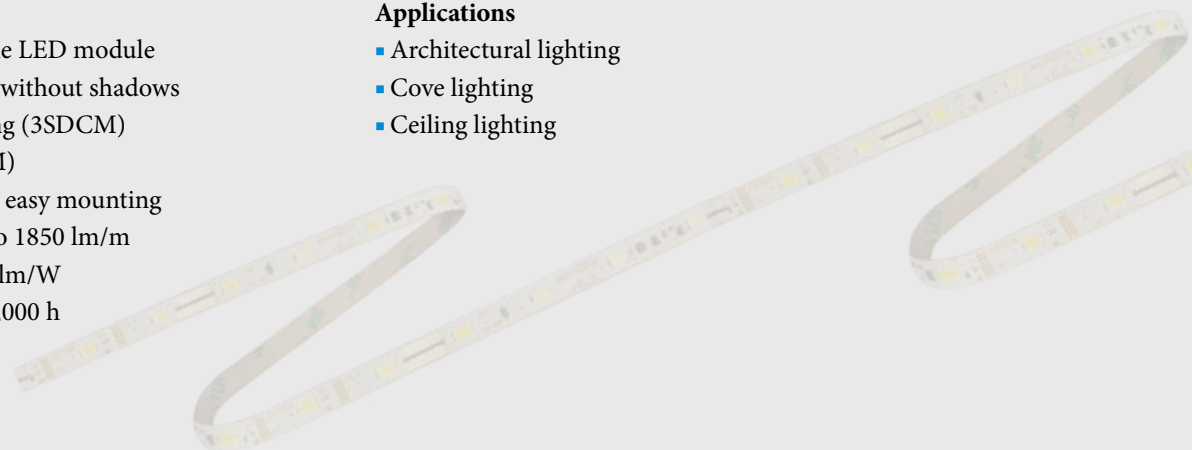
LINEARLIGHT FLEX

Features

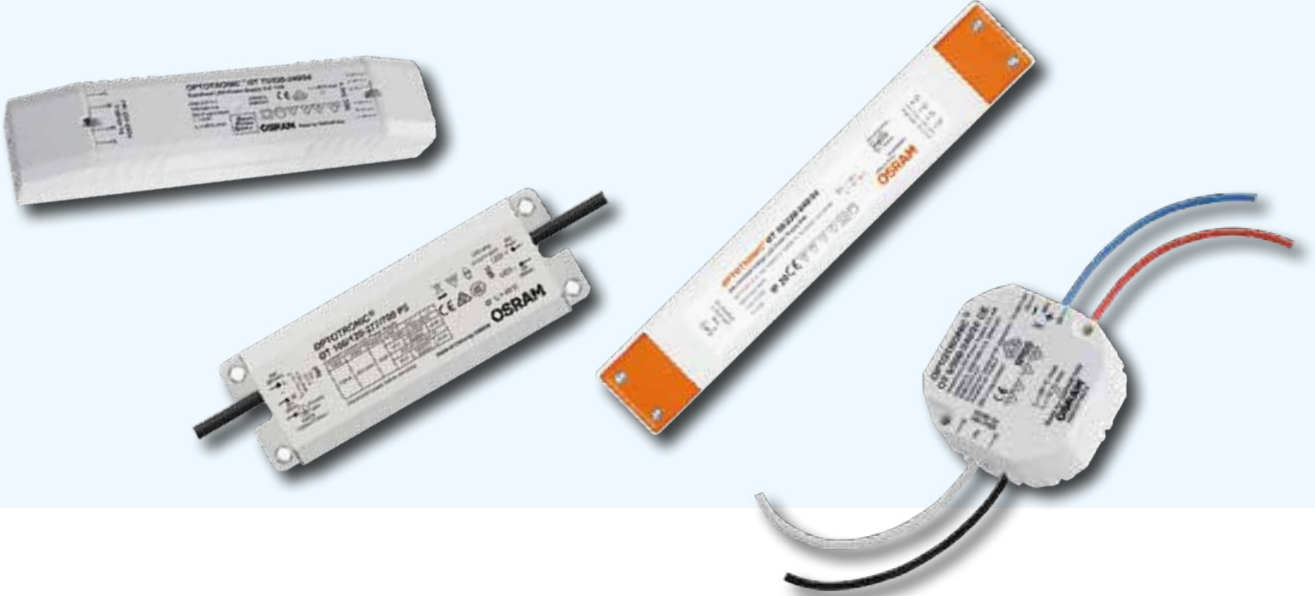
- Flexible & cuttable LED module
- Continuous light without shadows
- Fine white binning (3SDCM)
- Dimmable (PWM)
- Adhesive tape for easy mounting
- Light output up to 1850 lm/m
- Efficacy up to 88 lm/W
- Lifetime up to 50,000 h
- Made in Italy

Applications

- Architectural lighting
- Cove lighting
- Ceiling lighting



LINEARLIGHT FLEX PROTECT



Flexible LED Modules



LINEARLIGHT FLEX PROTECT

Features

- Flexible & cuttable LED module
 - Continuous light without shadows
 - Fine white binning (3SDCM)
 - Dimmable (PWM)
 - Adhesive tape for easy mounting
 - Light output up to 1850 lm/m
 - Efficacy up to 88 lm/W
 - Lifetime up to 50,000 h
 - Made in Italy
- High performance silicon
 - Covered Electronics
 - IP67 Protection
 - UV resistant & saltmist proof
 - Premounted feeder for easy connection
 - Flammability
 - Glow-wire test with 850°
 - EN60598-1 Mixed gas corrosion test
 - IEC60068-2-60

Applications

- General and cove lighting
- Ships and boats, wall integration
- Machine lighting
- Path illumination, illuminated signs
- Spa lighting

Product Description	Product No.	Nominal voltage (V)	Nominal wattage (W)	Rated wattage	Type of current	Luminous flux (lm)	Height (mm)	Length (mm)	Product weight (g)	Width (mm)	Ambient temperature range (°C)
LF1200-G3-820-09	4052899953055	24.0	93.30	93.30	DC	9000	1.4	9000	116.00	8.0	-20...75
LF1200-G3-824-09	4052899953062	24.0	93.30	93.30	DC	10800	1.4	9000	116.00	8.0	-20...75
LF1200-G3-827-09	4052899953079	24.0	77.80	77.80	DC	10800	1.4	9000	116.00	8.0	-20...75
LF1200-G3-830-09	4052899953086	24.0	77.80	77.80	DC	10800	1.4	9000	116.00	8.0	-20...75
LF1200-G3-840-09	4052899953093	24.0	70.80	70.80	DC	10800	1.4	9000	116.00	8.0	-20...75
LF1200-G3-850-09	4052899953291	24.0	70.80	70.80	DC	10800	1.4	9000	116.00	8.0	-20...75
LF1200-G3-865-09	4052899953314	24.0	70.80	70.80	DC	10800	1.4	9000	116.00	8.0	-20...75
LF1200-G3-927-09	4052899953321	24.0	93.30	93.30	DC	9897	1.4	9000	116.00	8.0	-20...75
LF1200-G3-930-09	4052899953338	24.0	93.30	93.30	DC	10800	1.4	9000	116.00	8.0	-20...75
LF1200-G3-940-09	4052899953345	24.0	87.30	87.30	DC	10800	1.4	9000	116.00	8.0	-20...75
LF1200TW-G3-82765-09	4052899953161	24.0	84.60	84.60	DC	10800	1.45	9000	106.00	8.0	-20...85
LF2000-G3-820-04	4052899952980	24.0	80.50	80.50	DC	7425	1.4	4500	58.00	8.0	-20...75
LF2000-G3-824-04	4052899952997	24.0	80.50	80.50	DC	9000	1.4	4500	58.00	8.0	-20...75
LF2000-G3-827-04	4052899953000	24.0	67.30	67.30	DC	9000	1.4	4500	58.00	8.0	-20...75
LF2000-G3-830-04	4052899953017	24.0	67.30	67.30	DC	9000	1.4	4500	58.00	8.0	-20...75
LF2000-G3-840-04	4052899953024	24.0	61.30	61.30	DC	9000	1.4	4500	58.00	8.0	-20...75
LF2000-G3-850-04	4052899953031	24.0	61.30	61.30	DC	9000	1.4	4500	58.00	8.0	-20...75
LF2000-G3-865-04	4052899953048	24.0	61.30	61.30	DC	9000	1.4	4500	58.00	8.0	-20...75
LF2000-G3-927-04	4052899963993	24.0	80.50	80.50	DC	8100	1.4	4500	58.00	8.0	-20...75
LF2000-G3-930-04	4052899964006	24.0	80.50	80.50	DC	9000	1.4	4500	58.00	8.0	-20...75

OPTOTRONIC for Flexible LED Modules



Features

- Rugged and reliable design for outdoor use in severe weather conditions
- IP66 or IP67 protection against solid foreign objects and liquids
- Surge capability of 3 kV and 4 kV
- 5-year guarantee
- Resistant to salt spray
- Smart Power Supply

Benefits

- Versatile 1...10 V window driver up to 240 W due to flexible output characteristic
- Flexible addressing via DALI
- Very high efficiency and reliability
- Constant luminous flux for very low and high temperatures due to Smart Power Supply

Applications

- Suitable for indoor and outdoor SELV installations
- Suitable for use in tight, flat luminaires or installation in suspended ceilings
- Outdoor applications only in suitable luminaires

Product Description	Product Description	Nominal output power (W)	Nominal output voltage (V)	Nominal voltage (V)	Power factor λ	Height (mm)	Length (mm)	Width (mm)	Ambient temperature range (°C)	Max. housing temp. in case of fault (°C)	Max. temp. at tc test point (°C)	Permitted rel. humidity during operation	ECG lifetime
OPTOTRONIC – Protect													
OT 120/220-240/24 P	4008321981707	120 W	24 V	220...240 V	0.95 – 0.90	39.0	250.0	60.0	-25...+55	100	80	5...85 %	50000 h
OT 240/220-240/24 P	4008321981721	240 W	24 V	220...240 V	0.90 – 0.95	39.0	250.0	80.0	-25...+55	100	80	5...85 %	50000 h
OT 30/220-240/24 P	4052899043497	30 W	24 V	220...240 V	0.98 – 0.94	22.0	220.0	40.0	-25...+55	100	80	5...85 %	50000 h
OT 50/220-240/24 P	4052899043510	50 W	24 V	220...240 V	0.98 – 0.94	22.0	220.0	40.0	-25...+55	100	90	5...85 %	50000 h
OT 6/200-240/24 CE	4008321113269	6 W	24 V	200...240 V	0.50	22.0	51.0	50.0	-20...+50	100	70	5...85 %	50000 h
OT 80/220-240/24 P	4008321981684	80 W	24 V	220...240 V	0.90 – 0.95	34.0	250.0	50.0	-25...+55	100	80	5...85 %	50000 h
OPTOTRONIC – Non-protect													
OT 20/230-240/24	4050300618111	20 W	24 V	220...240 V	0.80	35.0	109.0	50.0	-20...+45	90	70	5...85 %	30000 h
OT 50/220-240/24	4052899905566	50 W	24 V	220...240 V	0.95 – 0.90	16.0	242.0	40.0	-20...+45	110	95	5...85 %	50000 h
OT 75/220-240/24	4050300817477	75 W	24 V	220...240 V	0.97	44.0	220.0	47.0	-20...+50	110	80	5...85 %	50000 h
OT 75/220-240/24 E	4008321362476	75 W	24 V	220...240 V	0.95	30.0	241.0	43.0	-20...+60	110	85	5...85 %	50000 h
OT 8/200-240/24	4008321040169	8 W	24 V	200...240 V	0.50	22.0	80.0	40.0	-20...+50	110	80	5...85 %	30000 h
OPTOTRONIC – Dimable													
OT 120/220-240/24 DIM P	4008321981691	120 W	24 V	220...240 V	0.90 – 0.95	39.0	250.0	60.0	-25...+55	100	80	5...85 %	50000 h
OT 240/220-240/24 DIM P	4008321981714	240 W	24 V	220...240 V	0.95 – 0.90	39.0	250.0	80.0	-25...+55	100	80	5...85 %	50000 h
OT 80/220-240/24 DIM P	4008321981677	80 W	24 V	220...240 V	0.90 – 0.95	34.0	250.0	50.0	-25...+55	100	80	5...85 %	50000 h
OT DIM 50-120/10-24	4050300943459	120 W	10.5...24 V	10...24 V		20.0	172.0	42.0	-20...+50	100	70	5...85 %	50000 h
OT DMX RGB DIM	4008321160829	144 W	10.5...24 V	10...24 V		20.0	172.0	42.0	-20...+50	110	70	5...85 %	50000 h
OTI DALI 75/220-240/24 1-4 ch.	4008321371560	75 W	24 V	220...240 V	0.95 – 0.90	43.6	220.0	46.2	-20...+50	110	75	5...85 %	50000 h
OTI DALI DIM/10-24	4008321061195	120 W	10.5...24 V	10...24 V		20.0	172.0	42.0	-20...+50	100	60	5...85 %	50000 h

