

Discover Samsung SMART Lighting

LED ENGINES AND MODULES

SAMSUNG

Downlight Engine



High efficacy Downlight Engines that are ideal for use in circular ceiling lights and downlights.

- High efficacy downlight modules with latest LED technology from Samsung
- Suitable for various application including general flood, spot and ceiling light
- Best color consistency derived from Samsung's extensive binning expertise



SLE1100



SLE2000



SLE3000

SPOT Module

- High efficacy of over 120lm/W, based on COB
- Zhaga compatible design ensures the Spot Engine is future proof

Type	Luminous flux (lm)	Power consumption (W)	Efficacy (lm/W)	CCT (K)
SLE1100 (LC013B)	1,100	9.2	120	3000
SLE2000 (LC026B)	2,000	16.7	120	3000
SLE3000 (LC040B)	3,000	25.0	120	3000

※Blue lettering is under development and it's subject to change

※Other CCT available



Round-62B



Round-90B



Round-130B



KDEngine-08



KDEngine-16



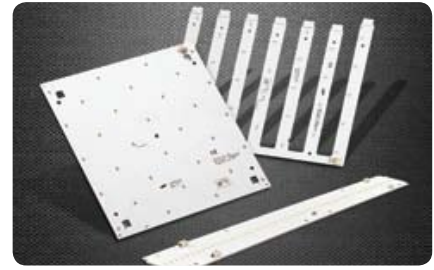
KDEngine-26

Downlight Module

Type	Luminous flux (lm)	Power consumption (W)	Efficacy (lm/W)	CCT (K)
Round-62B (LM231A)	450	4.2	107	3000
	510		121	4000
Round-90B (LM231A)	910	8.4	108	3000
	1,030		123	4000
Round-130B (LM231A)	1,240	11.6	107	3000
	1,390		120	4000
KDEngine-08* (LM231A)	850	7.6	112	3000
	920		121	4000
	950		125	5000
KDEngine-16* (LM231A)	945	15.2	124	6500
	1,700		112	3000
	1,840		121	4000
KDEngine-26* (LM231A)	1,900	26.0	125	5000
	1,890		124	6500
	2,850		110	3000
KDEngine-26* (LM231A)	3,100	26.0	119	4000
	3,190		123	5000
	3,175		122	6500

*Marked is only for Korea

Ambient Light Engine



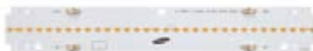
Linear Type

With its modular construction, easy to use connections, and best color consistency, the Linear Type is the perfect alternative to fluorescent lighting.

- Tight color binning for best color consistency and high uniformity
- Modular design flexibility makes a wide variety of luminaire designs possible
- Peace of mind with Samsung-backed quality and performance



LT-H282A



LT-H284A



LT-H286A



LT-H564A



LT-Z282A



LT-Z284A



LT-Z286A



LT-Z564A



LM-U270A



LT-W292A

Linear Type Module (H-series)

- High efficacy of over 145lm/W (@5000K, Tc 55°C)
- Zhaga compatible design ensures the H-series is future proof

Type	Luminous flux (lm)	Power consumption (W)	Efficacy (lm/W)	CCT (K)
LT-H282A (LM561B)	750	5.6	133	3000
	800		143	4000
	810		145	5000
LT-H284A (LM561B)	1,100	8.3	133	3000
	1,190		143	4000
	1,200		145	5000
LT-H286A (LM561B)	2,200	16.6	133	3000
	2,370		143	4000
	2,400		145	5000
LT-H564A (LM561B)	2,200	16.6	133	3000
	2,370		143	4000
	2,400		145	5000

※Blue lettering is under development and it's subject to change

Linear Type Module (Z-series)

Type	Luminous flux (lm)	Power consumption (W)	Efficacy (lm/W)	CCT (K)
LT-Z282A (LM231A)	650	5.4	121	3000
	670		124	3500
	680		126	4000
	700		130	5000
LT-Z284A (LM231A)	1,060	9.2	115	3000
	1,080		118	3500
	1,100		120	4000
	1,140		124	5000
LT-Z286A (LM231A)	2,100	18.3	115	3000
	2,140		117	3500
	2,190		119	4000
	2,250		123	5000
LT-Z564A (LM231A)	2,100	18.3	115	3000
	2,150		118	3500
	2,200		120	4000
	2,270		124	5000

Linear Type Module (S-series)

Type	Luminous flux (lm)	Power consumption (W)	Efficacy (lm/W)	CCT (K)
LM-U270A (LM231A)	880	7.0	125	3000
	890		127	3500
	900		129	4000
	910		130	5000
LT-W292A (LM231A)	990	8.1	122	3000
	1,000		123	3500
	1,010		125	4000
	1,020		126	5000

Finger Type

High efficacy Finger Type engines that are cost-effective and deliver uniform light output

- Easy to design-in
- Uses Samsung's LM231A (LM80 certified), LM561B for proven reliability and performance
- Optimized number of packages for superior light uniformity
- Good thermal performance leads to greater durability and long lifetimes



Finger-SQ64B



Finger-SQ32B



Finger-SQ32A



Finger-RT32A

Finger Type Module

Type	Luminous flux (lm)	Power consumption (W)	Efficacy (lm/W)	CCT (K)
Finger-SQ64B (LM561B)	1,180	8.2	144	3500
	1,230		150	4000
Finger-SQ32B (LM561B)	1,100	8.2	134	3500
	1,050		114	3000
Finger-SQ32A	1,070	9.2	116	3500
Finger-RT32A (LM231A)	1,090		119	4000
	1,130		122	5000
	1,120		121	6500

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Tile Type

High efficacy flat panel engines that deliver the most uniform light output makes the Tile Type suitable for a wide variety of applications.

- Easy to design-in
- Uses Samsung's LM231A (LM80 certified), LM561B for proven reliability and performance
- Optimized number of packages for superior light uniformity
- Good thermal performance leads to greater durability and long lifetimes



Tile-SQ64B



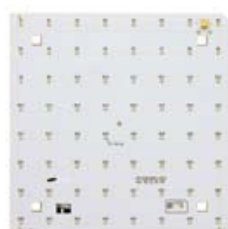
Tile-SQ32A



Tile-RT32A



Tile-SQ80A



Tile-SQ64A

Tile Type Module

Type	Luminous flux (lm)	Power consumption (W)	Efficacy (lm/W)	CCT (K)
Tile-SQ64B (LM561B)	1,180	8.2	144	3500
	1,050		114	3000
Tile-SQ32A	1,070	9.2	116	3500
Tile-RT32A (LM231A)	1,090		119	4000
	1,130		122	5000
	1,120		121	6500

※Blue lettering is under development and it's subject to change

Type	Luminous flux (lm)	Power consumption (W)	Efficacy (lm/W)	CCT (K)
Tile-SQ80A (LM231A)	1,280	10.6	120	3000
	1,350		127	4000
	1,410		134	5000
Tile-SQ64A (LM231A)	1,300	10.9	120	3500
	1,330		122	4000
	1,370		126	5000

High Lumen Engine



The High Lumen Engine's easy-to-use modular design with various lumen packages, combined with IP66-certified durability, makes it the smart choice for use in the harshest of environments

- Wide range of engine combinations available from 25W to 200W and well-suited for a variety of harsh environment applications
- High luminous efficacy
- Available with a full range of compatible drivers



Modular Light Module

Modular Light Module

Type	Luminous flux (lm)	Power consumption (W)	Efficacy (lm/W)	CCT (K)
Type 2-S1	1,510	22	71	3000
	1,620		76	4000
	1,880		88	5700
Type 2-S1*	1,760	22	81	3000
	1,900		87	4000
	2,030		93	5000
Type 2-M1	1,800	22	84	5000
	1,800		83	3000
Type 2-M1*	1,940	22	89	4000
	2,070		95	5000
	2,070		95	5000
Type 2-M2*	1,970	22	90	5000
Type 5-S1*	2,120	22	97	5000
BA85	1,730	22	81	4000
	1,990		93	5700
BA85*	1,910	22	88	5000

*Marked is only for Korea



Array-60



Array-90

Array Light Module

Type	Luminous flux (lm)	Power consumption (W)	Efficacy (lm/W)	CCT (K)
Type 2-S1	4,500	55	96	5000
Type 2-S1*	5,070	55	105	5000
Type 2-S2	6,800	83	97	5000
Type 2-S2*	7,860	83	109	5000
Type 5-M1	4,500	55	93	5000
	6,800	83	90	5000
Type 5-M1*	4,900	55	102	5000
	7,340	83	102	5000
BA65	6,800	83	77	5000
	6,040	83	77	5000
	6,040	83	77	5700
	6,800	83	77	5700
BA65*	6,100	83	84	5000
	6,100	83	84	5000
	6,520	83	90	5700
BA120	6,520	83	90	5700
	6,800	83	98	5000
BA120*	6,800	83	77	5700
	7,940	83	110	5000
BA120*	8,500	83	118	5700

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