

LED Fundamental Fixtures

The fundamentals of light redesigned.



Panel

Waterproof



Downlight

Wall-mounted



Batten

Spotlight



Floodlight

TRUNGSRAM



European Producer
Lighting Solutions



Joerg Bauer
President & Chief Executive Officer

Dear Partner,

Welcome to Tungram and a bright future for our respective businesses.

With a history that stretches back to 1896, the Tungram name has always been highly respected. This heritage has now entered an exciting new phase following our acquisition of GE Lighting's Europe, Middle East, Africa and Turkey operation, together with GE's Global Automotive Lighting business.

So what does this mean for you, our valued partners? I firmly believe that the revival of the Tungram brand represents a major opportunity for all of us, a chance to move forward with confidence and increase our share of national and international markets.

We will of course continue to offer a comprehensive range of market-leading lighting solutions, from traditional technologies such as HID, LFL, CFL, Halogen and Specialty lamps, to ultra-efficient, high performance indoor and outdoor LED solutions. Our renowned automotive lighting ranges include basic and premium lamps for original equipment and aftermarket, and we supply products for all major auto brands.

Our new company will drive forward the design and development of all kinds of light sources, from traditional technologies to state-of-the-art LED products, and will secure our position as a global force in lighting solutions.

In addition, we will work towards ever more efficient and advanced solutions in areas such as human centric light, energy optimisation and system intelligence.

Tungram was the most innovative Hungarian industrial company of the last century and, by applying this attitude to a 21st century business, we will deliver the solutions, products and services that your customers are looking for.

These are exciting times for Tungram. We are committed to enhancing the support we offer our partners – following the principle of "What can we do for your success?" – and we look forward to continuing our journey together.

Thank you.
Joerg

Batten

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LED Fundamental Fixtures

This is a new, comprehensive LED Indoor fixture range, that meets the market needs in this fast changing LED world.

This newly introduced LED range includes panels, downlights, spotlights, battens, bulkheads, floodlights, waterproof solutions and high & low bay fixtures in various sizes and wide selection of Lumens packages. These fixtures will allow our partners to upgrade lighting in key segments such as office, commercial buildings, retail, hospitality and industrial.

Edgelit Panel Premium

LED Edgelit panel transforms ambient lighting into an exquisite balance of refine appearance combined with superior efficiency. These panels have been designed to replace fluorescent fixtures in drop ceilings.

- Energy efficient (120 lm/W delivered at 4000K)
- Uniform illuminated surface, no visible diodes or glare
- Broad uniform light distribution
- No IR or UV radiation, suitable for lighting fragile objects in shops, museums or on display
- Durable, resistant to vibration and impact
- No flicker, static driver
- PF 0,9



Product Code	Description	Wattage (W)	Lumen (lm)	Efficiency (lm/W)	CCT (K)	UGR	Dimension (mm)	Weight (kg)	Driver	Beam Angle (°)
LED EDGELIT PANEL 2X2										
93054167	EPY22-3030-7SR-21L	30	3 400	113	3000	21	595*595*10	3.3	Replacable	110
93054169	EPY22-3030-7SR-19L	30	3 200	105	3000	<19	595*595*10	3.3	Replacable	80
93054168	EPY22-3040-7SR-21L	30	3 600	120	4000	21	595*595*10	3.3	Replacable	110
93054170	EPY22-3040-7SR-19L	30	3 400	113	4000	<19	595*595*10	3.3	Replacable	80
93074731	EPY22-3040-7SR-19L R9003	30	3 400	113	4000	<19	595*595*10	3.3	Replacable	80
93059583	EPY22-3065-7SR-21L	30	3 600	120	6500	21	595*595*10	3.3	Replacable	110
93059586	EPY22-3062-7SR-19L	30	3 500	115	6200	<19	595*595*10	3.3	Replacable	110
LED EDGELIT PANEL 1X4										
93055967	EPY14-3040-7SR-21L	30	3 500	117	4000	21	295*1195*10	3.3	Replacable	110
93055968	EPY14-3040-7SR-19L	30	3 300	110	4000	<19	295*1195*10	3.3	Replacable	80

*accessories to be ordered seperately - see on page 6



Edgelit Panel Premium DALI

LED Edgelit panel transforms ambient lighting into an exquisite balance of refine appearance combined with superior efficiency. These panels have been designed to replace fluorescent fixtures in drop ceilings.

- Energy efficient (up to 120 lm/W delivered at 6500K)
- Uniform illuminated surface, no visible diodes or glare
- Broad uniform light distribution
- No IR or UV radiation, suitable for lighting fragile objects in shops, museums or on display
- Durable, resistant to vibration and impact
- No flicker, DALI driver
- PF 0,9



Product Code	Description	Wattage (W)	Lumen (lm)	Efficiency (lm/W)	CCT (K)	UGR	Dimension (mm)	Weight (kg)	Driver	Beam Angle (°)
LED EDGELIT PANEL 2X2										
93059005	EPY22-4030-7DR-21L	40	4400	110	3000	21	595*595*10	3.3	Replacable	110
93059576	EPY22-4030-7DR-19L	40	4200	105	3000	<19	595*595*10	3.3	Replacable	80
93059577	EPY22-4040-7DR-21L	40	4400	110	4000	21	595*595*10	3.3	Replacable	110
93059578	EPY22-4040-7DR-19L	40	4400	110	4000	<19	595*595*10	3.3	Replacable	80
93071219	EPY22-4065-7DR-21L	40	4800	120	6500	21	595*595*10	3.3	Replacable	110
93071220	EPY22-4062-7DR-19L	40	4800	120	6200	<19	595*595*10	3.3	Replacable	80
LED EDGELIT PANEL 1X4										
93059581	EPY14-4040-7DR-21L	30	4 500	113	4000	21	295*1195*10	3.2	Replacable	110
93059582	EPY14-4040-7DR-19L	30	4 000	110	4000	<19	295*1195*10	3.2	Replacable	80

*accessories to be ordered seperately - see on page 6



Edgelit Panel ECO

LED Edgelit panel transforms ambient lighting into an exquisite balance of refine appearance combined with superior efficiency. These panels have been designed to replace fluorescent fixtures in drop ceilings.

- Energy efficient (up to 97 lm/W delivered at 4000K & 6500K)
- No pollution for the environment
- RoHS compliant
- Mercury free, no IR or UV radiation
- Two types of Unified Glare Rating (UGR) as per different applications' requirements UGR <19 & UGR 21
- Static driver



Product Code	Description	Wattage (W)	Lumen (lm)	Efficiency (lm/W)	CCT (K)	UGR	Dimension (mm)	Weight (kg)	Driver	Beam Angle (°)
93073175	EEY22-3630-7SR-21L	36	3200	88	3000	21	595*595*10	3.3	Replacable	110
93073976	EEY22-3630-7SR-19L	36	3000	83	3000	<19	595*595*10	3.3	Replacable	80
93073977	EEY22-3640-7SR-21L	36	3500	97	4000	21	595*595*10	3.3	Replacable	110
93073978	EEY22-3640-7SR-19L	36	3300	90	4000	<19	595*595*10	3.3	Replacable	80
93073979	EEY22-3665-7SR-21L	36	3500	97	6500	21	595*595*10	3.3	Replacable	110
93073980	EEY22-3665-7SR-19L	36	3300	90	6500	<19	595*595*10	3.3	Replacable	80

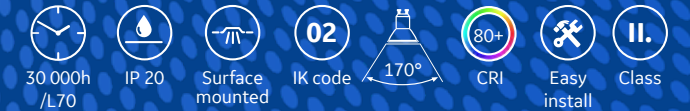
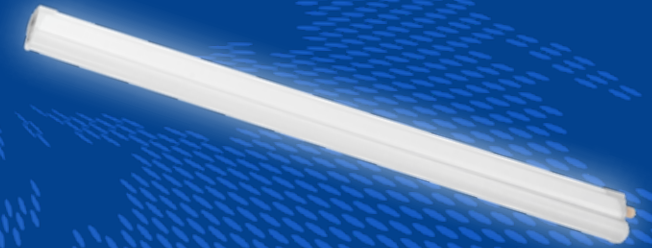
Edgelit Panel Accessories

93082876	Surface mounting KIT Edgelit 2x2 R9003
93082877	Surface mounting KIT Edgelit 2x2 R9010
93082878	Surface mounting KIT Edgelit 1x4 R9010
93055969	Suspension kit for LED panel 2x2 / 2 sets
93060875	Suspension kit for LED panel 1x4 / 2 sets
93082882	Plasterboard Mount KIT for Edgelit



T5 Batten ECO

LED T5 Batten designed to be a direct replacement for conventional battens with energy savings. It offers multiple installation methods to ease your worries and bring customer a brand new experience of soft lighting. These linear luminaires have got no switch. It's your best choice for smooth linear lighting. We offer this range of 8 luminaires in 4 wattages.



- Multiple installation methods: wall mount, stand-alone and continuous row mount, seamless connection and extend cable connection
- Seamless linear lighting without dark spots
- Continuous mount: nmax 19pcs
- Environmentally friendly – UV-free & IR-free
- Static built-in driver

Product Code	Description	Wattage (W)	Lumen (lm)	Efficiency (lm/W)	CCT (K)	CRI	Dimension (mm)	Weight (kg)	PF
93044235	LBTE 4.5 NW 1ft ECO	4.5	400	89	4000	80	311.5x25.9x37.3	0.07	≥0.8
93044476	LBTE 4.5 WW 1ft ECO	4.5	350	78	3000	80	311.5x25.9x37.3	0.07	≥0.8
93044477	LBTE 8 NW 2ft ECO	8	800	100	4000	80	581.5x25.9x37.3	0.11	≥0.9
93044478	LBTE 8 WW 2ft ECO	8	750	94	3000	80	581.5x25.9x37.3	0.11	≥0.9
93044479	LBTE 12 NW 3ft ECO	12	1 200	100	4000	80	881.5x25.9x37.3	0.16	≥0.9
93044480	LBTE 12 WW 3ft ECO	12	1 100	92	3000	80	881.5x25.9x37.3	0.16	≥0.9
93044481	LBTE 16 NW 4ft ECO	16	1 550	97	4000	80	1181.5x25.9x37.3	0.21	≥0.9
93044482	LBTE 16 WW 4ft ECO	16	1 450	91	3000	80	1181.5x25.9x37.3	0.21	≥0.9

LED T5 BATTEN ECO ACCESSORIES

93044483	Power cord without plug
93044484	Extension cord
93066758	Power cable 1m with EU plug
93066759	Power cable 1m with UK plug

Accessories to be ordered separately



T5 Batten Switch

- Pack includes 1pc power cord cable
- On-off switch for single fixture control
- Static built-in driver
- Surface mount



Non-dimmable
 A+

30 000h /L70
 IP 20
 Surface mounted
 IK code 02
 170°
 80+ CRI
 Easy install
 Class II

Product Code	Description	Wattage (W)	Lumen (lm)	Efficiency (lm/W)	CCT (K)	CRI	Dimension (mm)	Weight (kg)	PF
93053138	LBTE 4.5 NW 1ft SWITCH	4.5	400	89	4000	80	311.5x25.9x37.3	0.07	≥0.8
93053139	LBTE 4.5 WW 1ft SWITCH	4.5	350	78	3000	80	311.5x25.9x37.3	0.07	≥0.8
93053140	LBTE 8 NW 2ft SWITCH	8	800	100	4000	80	581.5x25.9x37.3	0.11	≥0.9
93053141	LBTE 8 WW 2ft SWITCH	8	750	94	3000	80	581.5x25.9x37.3	0.11	≥0.9
93053142	LBTE 12 NW 3ft SWITCH	12	1 200	100	4000	80	881.5x25.9x37.3	0.16	≥0.9
93053143	LBTE 12 WW 3ft SWITCH	12	1 100	92	3000	80	881.5x25.9x37.3	0.16	≥0.9
93053144	LBTE 16 NW 4ft SWITCH	16	1 550	97	4000	80	1181.5x25.9x37.3	0.21	≥0.9
93053145	LBTE 16 WW 4ft SWITCH	16	1 450	91	3000	80	1181.5x25.9x37.3	0.21	≥0.9

ECO Downlighter

New standard range of LED ECO Downlighters. There is a selection of sizes and colour temperature options to meet customer requirements. With this new range lighting can be upgraded in key segments such as office, commercial buildings, retail backoffice, hospitality.



- Direct replacement for compact fluorescent lamp downlights
- Over 55%+ energy saving compared to luminaires that use CFL PL lamps
- Affordable solution for retrofit or new installations
- Reduced replacement and maintenance costs
- UV-free & IR-free
- Static built-in driver
- PF 0,9
- Connector box included for quick installation

Non-dimmable
 A+

45 000h /L70
 Recessed
 IP 20
 80 CRI
 Easy install
 Class II

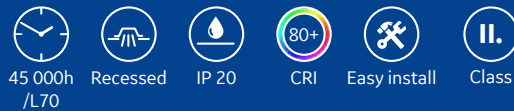
Product Code	Description	Wattage (W)	Lumen (lm)	Efficiency (lm/W)	CCT (K)	Dimension (mm)	Replacement for CFL Plug In	Weight (kg)	Beam Angle (°)
93053257	DM6L2SP30/C G3	11	1 045	95	3000	Ø195*120		0.5	95±12
93053258	DM6L2SP40/C G3	11	1 100	100	4000	Ø195*120	2x13W / 1x 18W / 1 x 26W	0.5	95±12
93053259	DM6L2SP65/C G3	11	1 100	100	6500	Ø195*120		0.5	95±12
93053260	DM6L4SP30/C G3	16	1 520	95	3000	Ø195*120		0.55	95±12
93053261	DM6L4SP40/C G3	16	1 600	100	4000	Ø195*120	2x18W / 1x32W	0.55	95±12
93053262	DM6L4SP65/C G3	16	1 600	100	6500	Ø195*120		0.55	95±12
93053263	DM8L1SP30/C G3	16	1 520	95	3000	Ø247*133		0.9	95±12
93053264	DM8L1SP40/C G3	16	1 600	100	4000	Ø247*133	2x18W / 1x32W	0.9	95±12
93053265	DM8L1SP65/C G3	16	1 600	100	6500	Ø247*133		0.9	95±12
93053266	DM8L2SP30/C G3	22	2 090	95	3000	Ø247*133		0.95	95±12
93053267	DM8L2SP40/C G3	22	2 200	100	4000	Ø247*133	2x26W	0.95	95±12
93053268	DM8L2SP65/C G3	22	2 200	100	6500	Ø247*133		0.95	95±12



Diffusor Downlighter

New standard range of LED Diffusor Downlighters. There are a selection of sizes and colour temperature options to meet customer requirements. With this new range lighting can be upgraded in key segments such as office, commercial buildings, retail backoffice, hospitality.

- Direct replacement for compact fluorescent lamp downlights
- Over 55%+ energy saving compared to luminaires that use CFL PI lamps
- Reduced replacement and maintenance costs
- Easy installation with fast connection
- UV-free & IR-free



Product Code	Description	Wattage (W)	Lumen (lm)	Efficiency (lm/W)	CCT (K)	Dimension (mm)	Replacement for CFL Plug In	Weight (kg)	Beam Angle (°)
93057436	DDTW6-1130-7SB-STC	11	1 100	100	3000	Ø180*81		0.32	100 +/-15°
93057437	DDTW6-1140-7SB-STC	11	1 100	100	4000	Ø180*81	1*18W	0.32	100 +/-15°
93057438	DDTW6-1165-7SB-STC	11	1 100	100	6500	Ø180*81		0.32	100 +/-15°
93057439	DDTW6-1530-7SB-STC	15	1 500	100	3000	Ø180*81		0.32	100 +/-15°
93057440	DDTW6-1540-7SB-STC	15	1 500	100	4000	Ø180*81	2*13W / 1*26W	0.32	100 +/-15°
93057441	DDTW6-1565-7SB-STC	15	1 500	100	6500	Ø180*81		0.32	100 +/-15°
93057442	DDTW8-1530-7SB-STC	15	1 500	100	3000	Ø240*93		0.48	100 +/-15°
93057443	DDTW8-1540-7SB-STC	15	1 500	100	4000	Ø240*93	2*13W / 1*26W	0.48	100 +/-15°
93057444	DDTW8-1565-7SB-STC	15	1 500	100	6500	Ø240*93		0.48	100 +/-15°
93057445	DDTW8-2230-7SB-STC	22	2 200	100	3000	Ø240*93		0.48	100 +/-15°
93057446	DDTW8-2240-7SB-STC	22	2 200	100	4000	Ø240*93	2*26W / 1*32W	0.48	100 +/-15°
93057447	DDTW8-2265-7SB-STC	22	2 200	100	6500	Ø240*93		0.48	100 +/-15°
93064214	DDTW6 accessory ring *								

* should be ordered separately for 6" fixtures

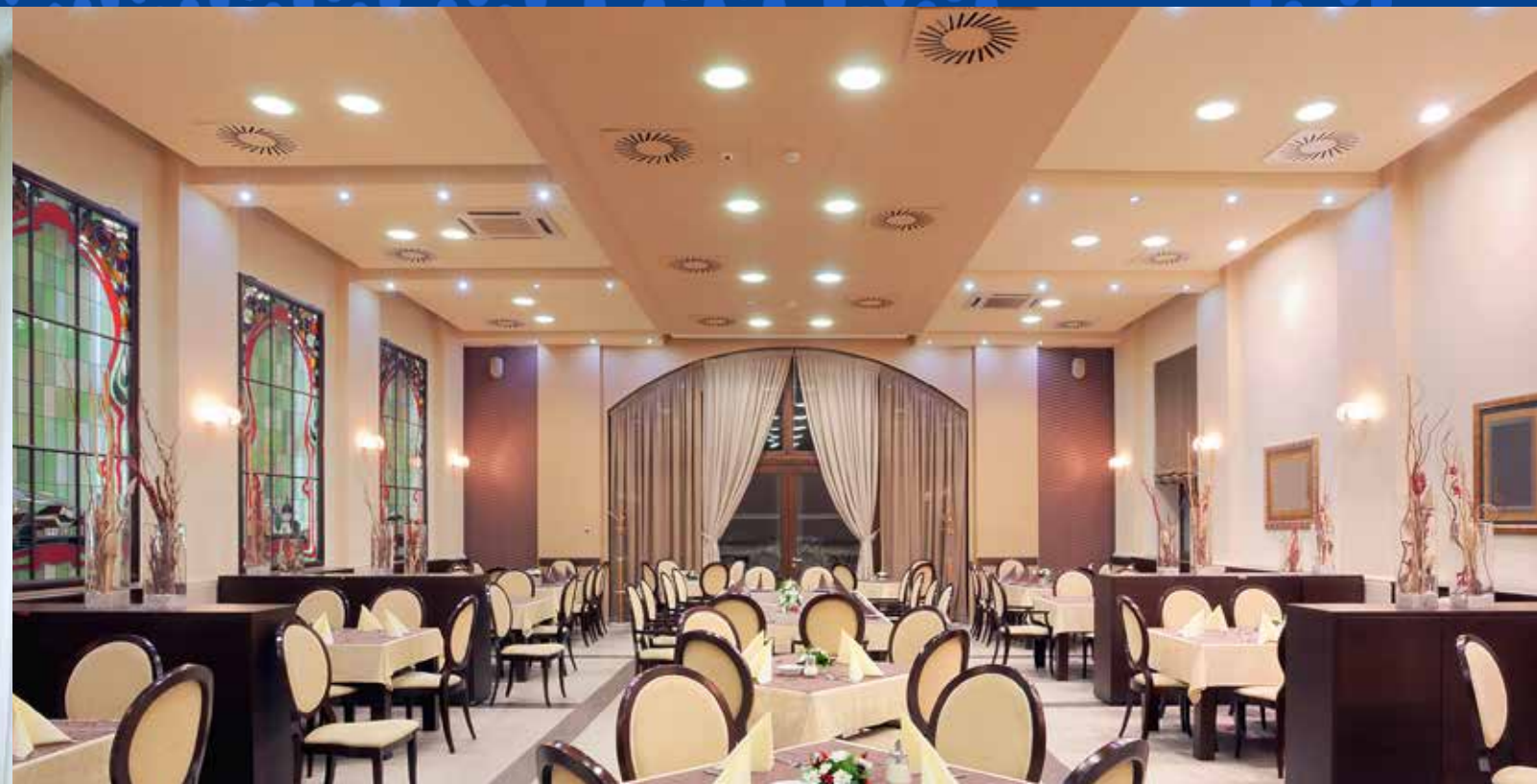
Slim Downlighter

New standard range of LED Slim Recessed Downlighters. There are a selection of sizes and colour temperature options to meet customer requirements. With this new extra slim range lighting can be upgraded in key segments such as office, commercial buildings, retail backoffice, hospitality.



- Direct replacement for compact fluorescent lamp downlights
- Up to 54% energy saving compared to luminaires that use CFL PI lamps
- Affordable solution for retrofit or new installations
- Reduced replacement and maintenance costs
- Easy installation
- UV-free & IR-free
- Product height with driver (36mm) fits more ceiling types

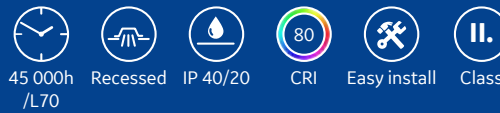
Product Code	Description	Wattage (W)	Lumen (lm)	Efficiency (lm/W)	CCT (K)	Dimension (mm)	Replacement for CFL Plug In	Beam Angle (°)	Weight (kg)
93064747	DSTW6-1230-7SR-ST	12	1080	90	3000	Ø180*36		110 ±12°	0.31
93064748	DSTW6-1240-7SR-ST	12	1080	90	4000	Ø180*36	2 x 13W / 1 x 18W / 1 x 26W	110 ±12°	0.31
93064749	DSTW6-1265-7SR-ST	12	1080	90	6500	Ø180*36		110 ±12°	0.31
93064753	DSTW8-1830-7SR-ST	18	1530	85	3000	Ø240*36		110 ±12°	0.52
93064754	DSTW8-1840-7SR-ST	18	1620	90	4000	Ø240*36	2 x 18W / 1 x 32W	110 ±12°	0.52
93064755	DSTW8-1865-7SR-ST	18	1620	90	6500	Ø240*36		110 ±12°	0.52
93068480	DSTW8-2230-7SR-ST	22	2000	91	3000	Ø240*36		110 ±12°	0.52
93068481	DSTW8-2240-7SR-ST	22	2000	91	4000	Ø240*36	2 x 18W / 2 x 26W	110 ±12°	0.52
93068482	DSTW8-2265-7SR-ST	22	2000	91	6500	Ø240*36		110 ±12°	0.52



Slim Downlighter DALI

New standard range of LED Slim Recessed Downlighters. There are a selection of sizes and colour temperature options to meet customer requirements. With this new extra slim range lighting can be upgraded in key segments such as office, commercial buildings, retail backoffice, hospitality.

- Direct replacement for compact fluorescent lamp downlights
- Up to 54% energy saving compared to luminaires that use CFL PL lamps
- Affordable solution for retrofit or new installations
- Reduced replacement and maintenance costs
- Easy installation
- UV-free & IR-free
- Product height with driver (36mm) fits more ceiling types
- Dimmable driver

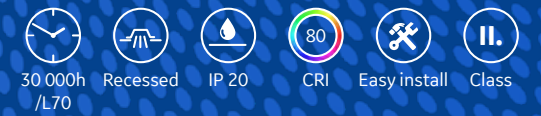


Product Code	Description	Wattage (W)	Lumen (lm)	Efficiency (lm/W)	CCT (K)	Dimension (mm)	Replacement for CFL Plug In	Beam Angle (°)	Weight (kg)
93071362	DSTW6-1230-7DR-ST	12	1080	90	3000	Ø180*36	2 x 13W /	110 ±12°	0.31
93071363	DSTW6-1240-7DR-ST	12	1080	90	4000	Ø180*36	1 x 18W /	110 ±12°	0.31
93071364	DSTW6-1265-7DR-ST	12	1080	90	6500	Ø180*36	1 x 26W	110 ±12°	0.31
93071365	DSTW8-2230-7DR-ST	22	2000	91	3000	Ø240*36		110 ±12°	0.52
93071396	DSTW8-2240-7DR-ST	22	2000	91	4000	Ø240*36	2 x 18W /	110 ±12°	0.52
93071397	DSTW8-2265-7DR-ST	22	2000	91	6500	Ø240*36	1 x 32W	110 ±12°	0.52

Recessed Spotlight

LED Recessed Spotlight fixture range. These LED Spotlights are ideal for small areas or when you are looking for directional lighting. These LED fixtures are designed to offer quick replacement option for standard halogen spots.

- Ideal replacement for Halogen spotlights
- 88% energy saving compared to 50W Halogen MR16
- Tilting head to adjust light beam where needed
- Affordable solution for retrofit or new installations
- Reduced replacement and maintenance costs
- UV-free & IR-free



Product Code	Description	Wattage (W)	Lumen (lm)	Efficiency (lm/W)	CCT (K)	Dimension (mm)	Replacement for Halogen	Weight (kg)	Beam Angle (°)
93082119	RSTA-D7-627-7SR-40	6	480	80	2700	Ø88*34.5		0.17	40
93066765	RSTA-D7-630-7SR-40	6	550	90	3000	Ø88*34.5	1x50W	0.17	40
93066766	RSTA-D7-640-7SR-40	6	550	90	4000	Ø88*34.5		0.17	40
93066767	RSTA-D7-665-7SR-40	6	550	90	6500	Ø88*34.5		0.17	40



2D Bulkhead

A simple and elegant interior light fitting designed with a replaceable LED 2D lamp. This LED Bulkhead fixture is designed for wall and ceiling mounting, offering an ideal combination of high performance and a distinctive aesthetic.

- Clear and Opal diffuser option
- No LED spotting
- Outstanding efficiency up to 128lm/w
- Wall mounted
- PF >0.9
- Fixture includes LED 2D lamp inside



Non-dimmable **A++**

40 000h /L70 IP 54 plug & play CRI <80 IK code 03 Class II.

Product Code	Description	Wattage (W)	Lumen (lm)	Efficiency (lm/W)	CCT (K)	Dimension (mm)	Replacement for CFL Plug In	Weight (kg)
LED 2D BULKHEAD CLEAR								
93055623	BH 2DC- D27-6.5/35-7S-ST	6.5	800	123	3500	268 x 98	1 x 16W	0.668
93055624	BH 2DC- D27-6.5/40-7S-ST	6.5	830	128	4000	268 x 98		0.668
93055625	BH 2DC- D36-12.5/35-7S-ST	12.5	1 500	120	3500	363 x 115	1 x 28W	1.154
93056106	BH 2DC- D36-12.5/40-7S-ST	12.5	1 550	124	4000	363 x 115		1.154
LED 2D BULKHEAD OPAL								
93057382	BH 2DO- D27-6.5/35-7S-ST	6.5	700	108	3500	268 x 98	1 x 16W	0.661
93057383	BH 2DO- D27-6.5/40-7S-ST	6.5	720	111	4000	268 x 98		0.661
93057384	BH 2DO- D36-12.5/35-7S-ST	12.5	1 300	104	3500	363 x 115	1 x 28W	1.146
93057385	BH 2DO- D36-12.5/40-7S-ST	12.5	1 400	112	4000	363 x 115		1.146

Integrated Bulkhead standard

A simple and elegant light fitting, designed with Integrated LED Light Module and dedicated optic, both for interior and exterior applications. The Integrated Bulkhead range offers a comprehensive choice of versions including two sizes, opal diffuser and optional sensor function.

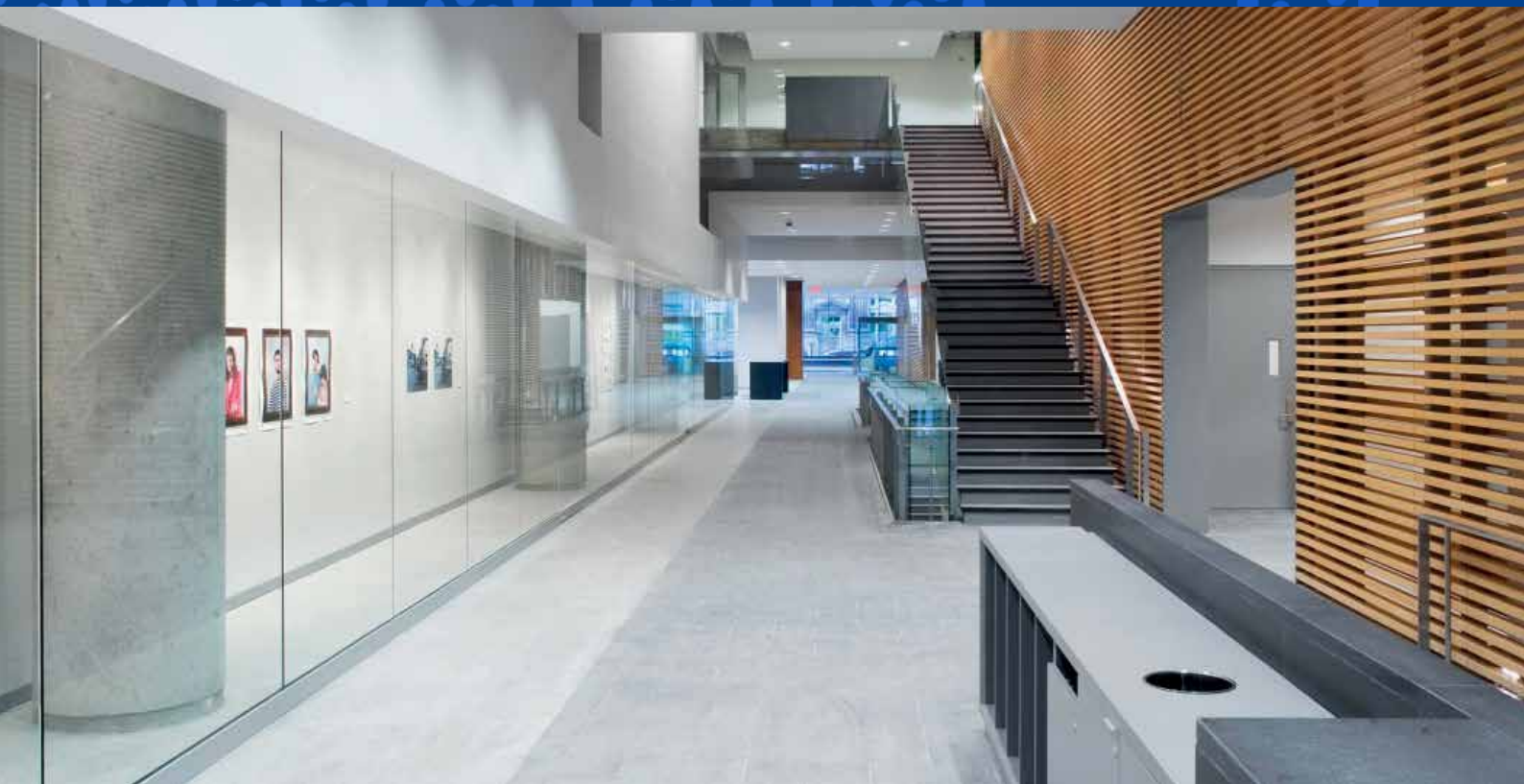


Non-dimmable **A+**

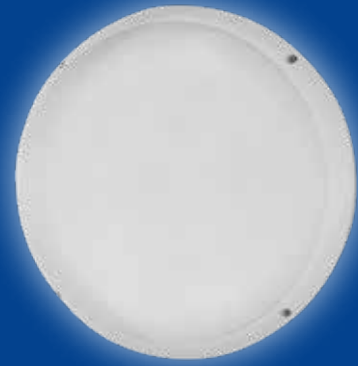
45 000h /L70 IP 65 Easy install CRI >80 Class II IK code 10

- Opal finish optional sensor option
- 3 colour temperatures: 3000, 4000 and 6500K
- Wide beam angle of 125 degree
- Wall mounted
- High efficiency up to 96 lm/W

Product Code	Description	Wattage (W)	Lumen (lm)	Efficiency (lm/W)	CCT (K)	Dimension (mm)	Replacement for CFL 2D	Weight (kg)
93072705	BHTD25-09307S-NNN	9	855	95	3000	Ø250 x 102	1x16W	0.69
93073527	BHTD25-09407S-NNN	9	855	95	4000	Ø250 x 102		0.69
93073529	BHTD25-09657S-NNN	9	855	95	6500	Ø250 x 102		0.69
93073531	BHTD25-17307S-NNN	17	1 600	94	3000	Ø250 x 102	1x16W	0.7
93073533	BHTD25-17407S-NNN	17	1 600	94	4000	Ø250 x 102		0.7
93073535	BHTD25-17657S-NNN	17	1 600	94	6500	Ø250 x 102		0.7
93083843	BHTD30-17307S-NNN	17	1 600	94	3000	Ø300 x 109	1x16W	1
93083844	BHTD30-17407S-NNN	17	1 600	94	4000	Ø300 x 109		1
93083845	BHTD30-17657S-NNN	17	1 600	94	6500	Ø300 x 109		1
93073543	BHTD30-25307S-NNN	25	2 400	96	3000	Ø300 x 109	1x16W	1
93073544	BHTD30-25407S-NNN	25	2 400	96	4000	Ø300 x 109		1
93073545	BHTD30-25657S-NNN	25	2 400	96	6500	Ø300 x 109		1



Integrated Bulkhead Sensor & Emergency



A simple and elegant light fitting, designed with Integrated LED Light Module and dedicated optic, both for interior and exterior applications. The Integrated Bulkhead range offers a comprehensive choice of versions including two sizes, opal diffuser and optional sensor function.

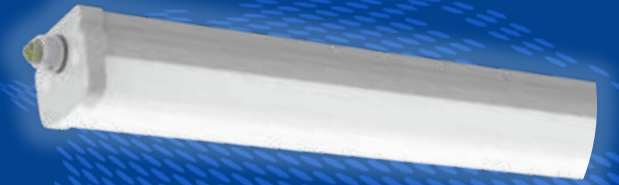
- Opal finish optional sensor option
- 3 colour temperatures: 3000, 4000 and 6500K
- Sensor (motion and daylight), 3hrs emergency and combined sensor & 3 hrs emergency options
- Wide beam angle of 125 degree
- Wall mounted
- High efficiency up to 95 lm/W

Non-dimmable

45 000h /L70

Product Code	Description	Wattage (W)	Lumen (lm)	Efficiency (lm/W)	CCT (K)	Dimension (mm)	Replacement for CFL 2D	Weight (kg)
MOTION AND DAYLIGHT SENSOR								
93073526	BHTD25-09307S-NNM	9	855	95	3000	Ø250 x 102		0.74
93073528	BHTD25-09407S-NNM	9	855	95	4000	Ø250 x 102	1x16W	0.74
93073530	BHTD25-09657S-NNM	9	855	95	6500	Ø250 x 102		0.74
93073532	BHTD25-17307S-NNM	17	1 600	94	3000	Ø250 x 102		0.75
93073534	BHTD25-17407S-NNM	17	1 600	94	4000	Ø250 x 102		0.75
93073536	BHTD25-17657S-NNM	17	1 600	94	6500	Ø250 x 102		0.75
93083856	BHTD30-17307S-NNM	17	1 600	94	3000	Ø300 x 109	1x28W	1.05
93083857	BHTD30-17407S-NNM	17	1 600	94	4000	Ø300 x 109		1.05
93083858	BHTD30-17657S-NNM	17	1 600	94	6500	Ø300 x 109		1.05
93073546	BHTD30-25307S-NNM	25	2 400	96	3000	Ø300 x 109		1.05
93073547	BHTD30-25407S-NNM	25	2 400	96	4000	Ø300 x 109	1x38W	1.05
93073548	BHTD30-25657S-NNM	25	2 400	96	6500	Ø300 x 109		1.05
3HRS EMERGENCY								
93083859	BHTD30-20307S-EMN	20	1 600	80	3000	Ø300 x 109		1.2
93083860	BHTD30-20407S-EMN	20	1 600	80	4000	Ø300 x 109	1x28W	1.2
93083861	BHTD30-20657S-EMN	20	1 600	80	6500	Ø300 x 109		1.2
93073537	BHTD30-24307S-EMN	24	2 150	90	3000	Ø300 x 109		1.2
93073538	BHTD30-24407S-EMN	24	2 150	90	4000	Ø300 x 109	1x38W	1.2
93073539	BHTD30-24657S-EMN	24	2 150	90	6500	Ø300 x 109		1.2
MOTION AND DAYLIGHT SENSOR + 3HRS EMERGENCY								
93083862	BHTD30-20307S-EMM	20	1 600	80	3000	Ø300 x 109		1.25
93083863	BHTD30-20407S-EMM	20	1 600	80	4000	Ø300 x 109	1x28W	1.25
93083864	BHTD30-20657S-EMM	20	1 600	80	6500	Ø300 x 109		1.25
93073540	BHTD30-24307S-EMM	24	2 150	90	3000	Ø300 x 109		1.25
93073541	BHTD30-24407S-EMM	24	2 150	90	4000	Ø300 x 109	1x38W	1.25
93073542	BHTD30-24657S-EMM	24	2 150	90	6500	Ø300 x 109		1.25

Waterproof Integrated Mariner



Our new Integrated Mariner is an ideal solution for a variety of commercial low bay lighting applications. It is an energy-efficient, low maintenance alternative to traditional fluorescent. The integrated mariner offers customers the best mix of value and performance.

- Simple and easy installation options with the quick connector solution
- Continuous connection feature for both sizes - 1200mm and 1500mm
- High performance with outstanding efficiency with 2 lumen packages - 126,5 lm/w
- No flicker, static built-in driver
- PF > 0,9

Non-dimmable

50 000h /L70

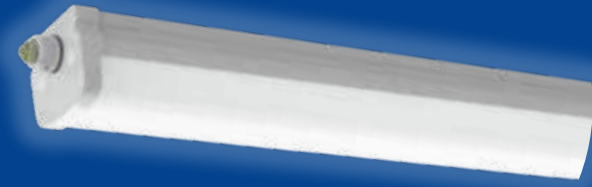
Product Code	Description	Wattage (W)	Lumen (lm)	Efficiency (lm/W)	CCT (K)	Dimension (mm)	Replacement for LFL	Weight (kg)
93055991	MPY4F-2040-7SB-STLT	20	2 500	125	4000	66x1170x63		0.87
93055993	MPY4F-2065-7SB-STLT	20	2 500	125	6500	66x1170x63	1 x 36W	0.87
93055995	MPY4F-3040-7SB-STLT	30	3 800	127	4000	66x1170x63		0.87
93055997	MPY4F-3065-7SB-STLT	30	3 800	127	6500	66x1170x63	2 x 36W	0.87
93055999	MPY5F-3040-7SB-STLT	30	3 650	122	4000	66x1470x63		1.07
93056001	MPY5F-3065-7SB-STLT	30	3 650	122	6500	66x1470x63	1 x 58W	1.07
93056003	MPY5F-4940-7SB-STLT	49	6 200	127	4000	66x1470x63		1.12
93056005	MPY5F-4965-7SB-STLT	49	6 200	127	6500	66x1470x63	2 x 58W	1.12



Waterproof Integrated Mariner Emergency

This fixture has an attractive, neutral aesthetics that makes it suitable for applications in both commercial, residential and industrial environments. It is an energy-efficient, low maintenance alternative to traditional fluorescent waterproof fixtures.

- Simple and easy installation options with the quick connector solution
- Continuous connection feature for both sizes - 1200mm and 1500mm
- High performance with outstanding efficiency with 2 lumen packages - 126 lm/w
- Wide beam angle of 125 degree
- No flicker, static built-in driver
- PF > 0,9



50 000h /L70

IP 65

Easy install

125°

Surface mounted

IK code 08

Class II

Non-dimmable

A+

Product Code	Description	Wattage (W)	Lumen (lm)	Efficiency (lm/W)	CCT (K)	Dimension (mm)	Replacement for LFL	Weight (kg)
93055992	MPY4F-2340-7SB-EMLT	23	2500	109	4000	66x1170x63	1 x 36W	1.35
93055994	MPY4F-2365-7SB-EMLT	23	2500	109	6500	66x1170x63		
93055996	MPY4F-3440-7SB-EMLT	34	3800	112	4000	66x1170x63	2 x 36W	1.35
93055998	MPY4F-3465-7SB-EMLT	34	3800	112	6500	66x1170x63		
93056000	MPY5F-3340-7SB-EMLT	33	3650	111	4000	66x1470x63	1 x 58W	1.57
93056002	MPY5F-3365-7SB-EMLT	33	3650	111	6500	66x1470x63		
93056004	MPY5F-5240-7SB-EMLT	52	6200	119	4000	66x1470x63	2 x 58W	1.60
93056006	MPY5F-5265-7SB-EMLT	52	6200	119	6500	66x1470x63		

Waterproof Mariner - Empty Body

Standard surface mounted / suspended waterproof fittings created for use with GE T8 LED tubes. Slim profile luminaire, supplied in single and twin lamp versions. IP65 rated, where effective protection against contamination from water or accidental damage are major considerations for the end-user. Neutral aesthetics render the product suitable for applications in both commercial and residential environments as well as industrial environments.



- Use only with T8 LED tubes on MAINS voltage
- Prewired for easy installation of AC T8 LED lamps
- Luminous flux and light colour adjustable based on selected lamps
- Continuous connection option

Empty fixture, order LED Tubes separately

IP 65

Surface mounted

Class I

Product Code	Description	Wattage (W)	Dimension (mm)	Weight (kg)
93052188	LED MARINER BODY T8 SINGLE 4FT/1200MM	max 20W	1270*65*70	1.2
93052189	LED MARINER BODY T8 TWIN 4FT/1200MM	max 2x20W	1270*102*70	1.8
93052190	LED MARINER BODY T8 SINGLE 5FT/1500MM	max 30W	1570*65*70	1.4
93052191	LED MARINER BODY T8 TWIN 5FT/1500MM	max 2x30W	1570*102*70	2.1

GE is offering a wide range of T8 LED Tubes which are ideal for these fixtures:

- Premium Plastic Rotatable
- Value Glass Rotatable
- Value Glass
- Start Glass ranges.



Floodlight

LED Floodlight is a universal, compact range of floodlights with six lumen output levels from 2.000 to 20.000lm and up to 130 LPW efficiency. The range is suitable for various applications wall mounted around building facades, ideal for the classic floodlighting of buildings as well as lighting gardens, paths near to buildings, garages, entrance ways and drives. Compared to traditional floodlights GE Floodlight supplies immediate light without start-up or cooling down times.

- High performance with outstanding efficiency with 6 lumen packages – up to 130 lm/W
- 2 colour temperatures: 4000 and 6500K with SDCM<=6
- Wide beam angle: 100° (20-50W) or 120° (75-150W)
- Robust aluminium die-cast luminaire with high protection rating IP65 (20-50W) or IP66 (75-150W) and high impact resistance of IK07 (20-50W) or IK08 (75-150W)
- Static built-in driver



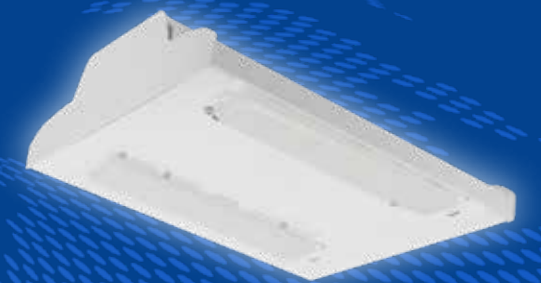
Non-dimmable
 A+
 50 000h / 30 000h / L70
 IP 65
 Easy install
 100° / 120°
 Wall mounted
 Class I

Product Code	Description	Wattage (W)	Lumen (lm)	Efficiency (lm/W)	CCT (K)	Dimension (mm)	Replacement for Halogen	Weight (kg)
93081605	FL-YP1-2040-7S-BN	20	2 000	100	4000	163x36x163	160W	0,62
93082101	FL-YP1-2065-7S-BN	20	2 000	100	6500	163x36x163		0,62
93082096	FL-YP1-3040-7S-BN	30	3 000	100	4000	203x36x202	250W	0,97
93082102	FL-YP1-3065-7S-BN	30	3 000	100	6500	203x36x202		0,97
93082097	FL-YP1-5040-7S-BN	50	6 000	120	4000	223x36x216	400W	1,14
93082103	FL-YP1-5065-7S-BN	50	6 000	120	6500	223x36x216		1,14
93082098	FL-YP1-7540-7S-BN	75	10 000	133	4000	286x91x368	750W	3,29
93082104	FL-YP1-7565-7S-BN	75	10 000	133	6500	286x91x368		3,29
93082099	FL-YP1-11540-7S-BN	115	15 000	130	4000	337x91x419	1000W	4,20
93082105	FL-YP1-11565-7S-BN	115	15 000	130	6500	337x91x419		4,20
93082100	FL-YP1-15040-7S-BN	150	20 000	133	4000	373x91x450	1500W	5,33
93082106	FL-YP1-15065-7S-BN	150	20 000	133	6500	373x91x450		5,33

ABV2 G2

Expanding on the award-winning ABV-Series, the ABV2 LED luminaire is an exceptional mixture of value and performance. With improved efficacy, more options, and higher Lumens output, the ABV2 is ideal for high bay and low bay applications in industrial and commercial buildings.

- Modular design: 1, 2, and 3 modules
- Outstanding efficiency up to 187 lm/w
- Wide lumen package options up to 46.900lm
- Optics: 120°, 90°, 55°, 30°, 120° diffuse
- Available with various control (including DALI) and sensor options
- Long rated life of 90 000 hours (L80)



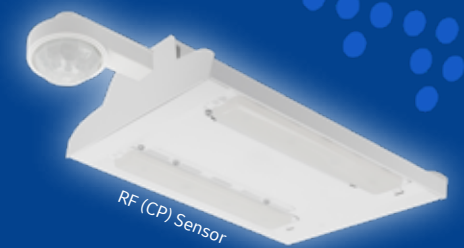
Dimmable
 90 000h / L80
 IP 20
 80+ CRI

Product ID	Module/ Efficiency/ Lumen	CCT/CRI	Optic	Control	Mounting	Options	CE
ABVG2	1S10-St 1M 10klm	47-4000K CRI70 57-5000K CRI70 48-4000K CRI80 58-5000K CRI80	C1-120° Clear D1-120° Diffuse C9-90° Clear L5-55° Lens L3-30° Lens	F-Fix output D-DALI S-Sensor (Motion&Lux) R-RF Sensor (Motion&Lux)	ST-Standard	N	CE
	1S20-St 1M 20klm						
	2S25-St 2M 25klm						
	2S40-St 2M 40klm						
	1H10-Hi 1M 10klm						
	2H20-Hi 2M 20klm						
2H30-Hi 2M 30klm							
3H40-Hi 3M 40klm							

Module / Efficiency / Lumen	5000K 70CRI Clear 120° Optics DALI Driver			
	Module	Power(W)*	Lumen	lm/W
1S10	1	68	11600	171
1S20	1	139	23400	168
2S25	2	186	29100	156
2S40	2	277	46900	169
1H10	1	63	11700	186
2H20	2	125	23400	187
2H30	2	196	34600	177
3H40	3	264	46900	178

CCT/CRI multipliers	
57	100%
58	96%
47	96%
48	95%

Optical multipliers	
C1	100%
D1	95%
C9	97%
L3	97%
L5	97%



ABV G2 Accessories

Product Code	Product Description
93061745	ABV2 TKIT
93062906	ABV2 RKIT
197634	WS FSIR-100 PROGRAMMER / Remote controller for WattStopper
528681	CH C DHS / Remote controller for CP RF Sensor

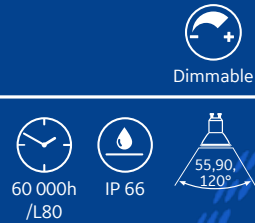
Product Code	Product Description
YCABLEHOOK05FTPAIR	5 FOOT GRIPPLE PAIR 5 FT
YCABLEHOOK10FTPAIR	10 FOOT GRIPPLE PAIR
YCABLEHOOK15FTPAIR	15 FOOT GRIPPLE PAIR
YCABLEHOOK20FTPAIR	20 FT GRIPPLE PAIR 20FT



High Bay IP66

This new IP66 rated LED fixture range is offering an exceptional mixture of value and performance for high bay applications requiring high water and impact resistance. The range includes wide variety of alternatives from color temperature, color rendering, beam angle and control systems to best optimize for customer requirements. Designed to replace high watt HID and T5/T8 LFL fixtures.

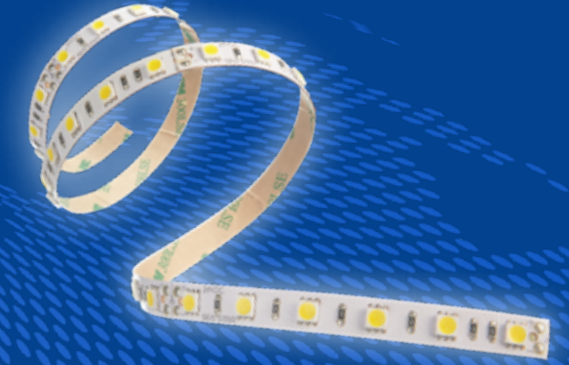
- Two mounting options: Bracket kit for ceiling and wall mounting or Suspension holder kit - to be ordered separately



Product Code	Description	Wattage (W)	CCT (K)	Lumen (lm)	Efficiency (lm/W)	CRI (Ra)	Optics (°)	Controls	Dimension (mm)	Weight (kg)
TBD	HB1IP662471VNSTCE	95	12 900	4000	136	70	120	1-10V driver	350x143x350	8,40
TBD	HB1IP662475VNSTCE	95	12 100	4000	127	70	55	1-10V driver	350x143x350	8,40
TBD	HB1IP662479VNSTCE	95	12 600	4000	133	70	90	1-10V driver	350x143x350	8,40
93069183	HB1IP662481VNSTCE	95	11 800	4000	124	80	120	1-10V driver	350x143x350	8,40
TBD	HB1IP662485VNSTCE	95	11 000	4000	116	80	55	1-10V driver	350x143x350	8,40
TBD	HB1IP662489VNSTCE	95	11 400	4000	120	80	90	1-10V driver	350x143x350	8,40
TBD	HB1IP662571VNSTCE	95	12 800	5000	135	70	120	1-10V driver	350x143x350	8,40
TBD	HB1IP662575VNSTCE	95	12 000	5000	126	70	55	1-10V driver	350x143x350	8,40
93082491	HB1IP662579VNSTCE	95	12 400	5000	131	70	90	1-10V driver	350x143x350	8,40
93087129	HB1IP662581VNSTCE	95	11 900	5000	125	80	120	1-10V driver	350x143x350	8,40
TBD	HB1IP662585VNSTCE	95	11 100	5000	117	80	55	1-10V driver	350x143x350	8,40
TBD	HB1IP662589VNSTCE	95	11 500	5000	121	80	90	1-10V driver	350x143x350	8,40
93073335	HB1IP663471DNSTCE	157	21 300	4000	136	70	120	DALI driver	350x143x350	8,20
93084190	HB1IP663475DNSTCE	157	19 900	4000	127	70	55	DALI driver	350x143x350	8,20
TBD	HB1IP663479DNSTCE	157	20 600	4000	131	70	90	DALI driver	350x143x350	8,20
93069187	HB1IP663481DNSTCE	157	19 400	4000	124	80	120	DALI driver	350x143x350	8,20
93076735	HB1IP663485DNSTCE	157	18 100	4000	115	80	55	DALI driver	350x143x350	8,20
93076836	HB1IP663489DNSTCE	157	18 800	4000	120	80	90	DALI driver	350x143x350	8,20
93069188	HB1IP663571DNSTCE	157	21 100	5000	134	70	120	DALI driver	350x143x350	8,20
TBD	HB1IP663575DNSTCE	157	19 800	5000	126	70	55	DALI driver	350x143x350	8,20
TBD	HB1IP663579DNSTCE	157	20 400	5000	130	70	90	DALI driver	350x143x350	8,20
TBD	HB1IP663581DNSTCE	157	19 600	5000	125	80	120	DALI driver	350x143x350	8,20
TBD	HB1IP663585DNSTCE	157	18 300	5000	117	80	55	DALI driver	350x143x350	8,20
TBD	HB1IP663589DNSTCE	157	18 900	5000	120	80	90	DALI driver	350x143x350	8,20
93087128	HB1IP664471VNSTCE	190	26 000	4000	137	70	120	1-10V driver	350x143x350	9,00
TBD	HB1IP664475VNSTCE	190	24 500	4000	129	70	55	1-10V driver	350x143x350	9,00
TBD	HB1IP664479VNSTCE	190	25 300	4000	133	70	90	1-10V driver	350x143x350	9,00
93069184	HB1IP664481VNSTCE	190	23 800	4000	125	80	120	1-10V driver	350x143x350	9,00
TBD	HB1IP664485VNSTCE	190	22 000	4000	116	80	55	1-10V driver	350x143x350	9,00
93069185	HB1IP664489VNSTCE	190	22 600	4000	119	80	90	1-10V driver	350x143x350	9,00
93069186	HB1IP664571VNSTCE	190	25 600	5000	135	70	120	1-10V driver	350x143x350	9,00
TBD	HB1IP664575VNSTCE	190	24 300	5000	128	70	55	1-10V driver	350x143x350	9,00
93082490	HB1IP664579VNSTCE	190	25 100	5000	132	70	90	1-10V driver	350x143x350	9,00
93085544	HB1IP664581VNSTCE	190	24 100	5000	127	80	120	1-10V driver	350x143x350	9,00
TBD	HB1IP664585VNSTCE	190	22 500	5000	118	80	55	1-10V driver	350x143x350	9,00
93069189	HB1IP664589VNSTCE	190	23 200	5000	122	80	90	1-10V driver	350x143x350	9,00

Soft Strip

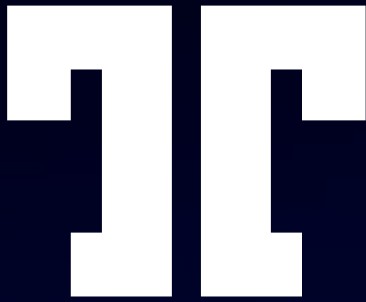
Introduces a range of LED soft strip in a variety of lumen outputs, colour temperatures. This flexible LED solution can be used in a variety of applications including, hospitality, industrial, architectural and signage. The versatility of this product makes it suitable for almost any application where space may be limited.



- 24VDC- low voltage
- 3 colour temperature options -2700K, 4000K & 5700K
- SDCM <4
- Low and high lumen options
- IP20 and IP65 versions
- No damage from IR or UV
- CRI 70-80
- 120° beam angle
- 25,000 hours life
- 5m lengths
- 50cm minimum cut length
- Easy connection from tape to tape and tape to driver
- 3M adhesive tape mounting



Product Code	Description	Wattage (W/m)	Lumen (lm/m)	CCT (K)	Pack Qty
LED Soft Strip - for Indoor usage					
93011531	LSS04-24-27-60	4,8	370	2700	10x5m rolls per box
93011532	LSS04-24-40-60	4,8	470	4000	10x5m rolls per box
93011533	LSS04-24-57-60	4,8	470	5700	10x5m rolls per box
93011535	LSS10-24-27-60	10	750	2700	10x5m rolls per box
93011536	LSS10-24-40-60	10	850	4000	10x5m rolls per box
93011537	LSS10-24-57-60	10	900	5700	10x5m rolls per box
LED Soft Strip - for Outdoor usage					
93011539	LSS10-24-27-60-IP65	4,8	320	2700	10x5m rolls per box
93011538	LSS04-24-27-60-IP65	10	700	2700	10x5m rolls per box
93011541	LSS04-24-57-60-IP65	4,8	400	5700	10x5m rolls per box
93011540	LSS10-24-57-60-IP65	10	800	5700	10x5m rolls per box
Accessories					
93011732	LSS Connector strip to driver	-	-	-	200
93011731	LSS Connector strip to strip	-	-	-	400
LED Drivers					
97547	LED45CV44EP	45W	-	-	-
97546	LED45CV44EPS	45W	-	-	-
97507	LED60CV44EP	60W	-	-	-
97506	LED60CV44EPS	60W	-	-	-
97393	LED100CV44EPS	100W	-	-	-
97759	LED150CV44EMS	150W	-	-	-
97745	LED400CV44EPS	400W	-	-	-



Our products provide

-  high efficiency
-  long life
-  good colour reproduction
-  outstanding product reliability
-  easy installation and operation

Quality assured LED fixtures from Tungsram offer a customary high quality, safety standards and energy saving. All from the inventor of the first LED chip.

Innovation is our heritage
EST. 1896

TUNGSRAM

LED Fundamental Brochure