



The Lighting Practice

Lumexa Series
Engineered Illumination

T-Line Trunking System



18W / 20W / 22W / 24W / 35W / 40W / 45W / 50W / 55W / 60W optional

Tiltable lighting panel

ON/OFF / 3CCT / DALI optional

Sharp / narrow / wide / double asymmetric / PC diffuser

Compatible with 3/4/6 wires track rail

Up to 180LM Per Watt

2700K / 3000K / 3500K / 4000K / 5000K / 5700K / 6500K

DIP Switch Driver

600mm / 1200mm / 1500mm





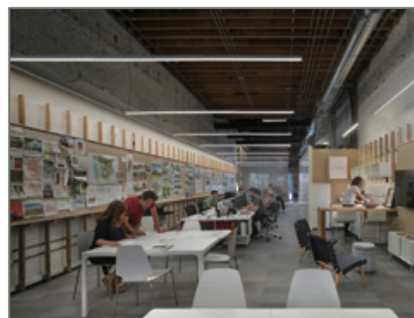
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Application

Commercial - Retail - Other indoor lighting

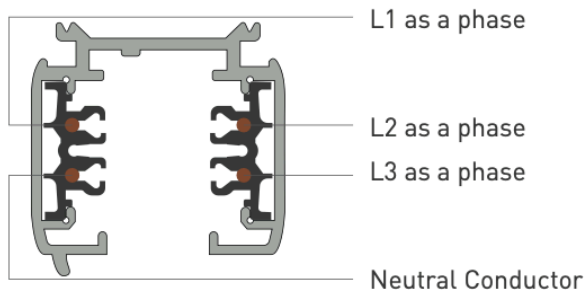




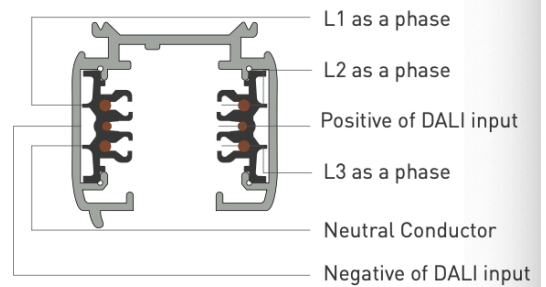
Track Rail

The Luminaires are compatible with majority of track brands across the world

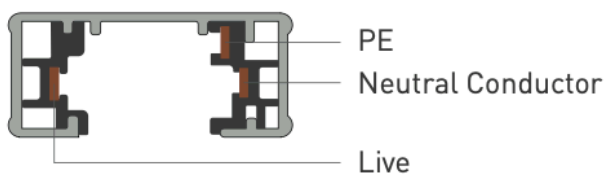
European standard - 4 wires / 3 phases



European standard with DALI function - 6 wires / 3 phases + DALI



American standard - 3 wires / 1 phase





Flexible Solution

Track spotlight module

Track linear can be flexibly combined with track spotlights on the same track rail for general lighting & accent lighting



3 - phase selectable adaptor

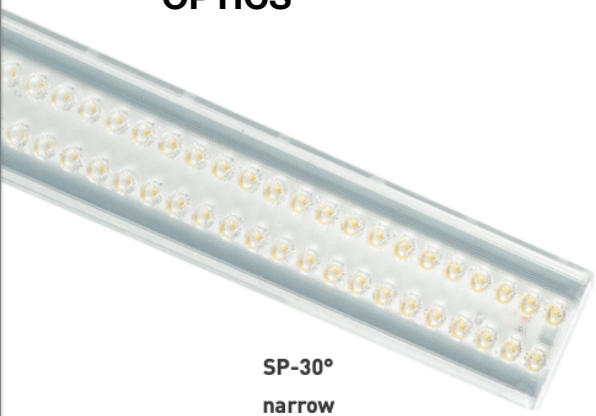


DIP switch driver, convenient for inventory

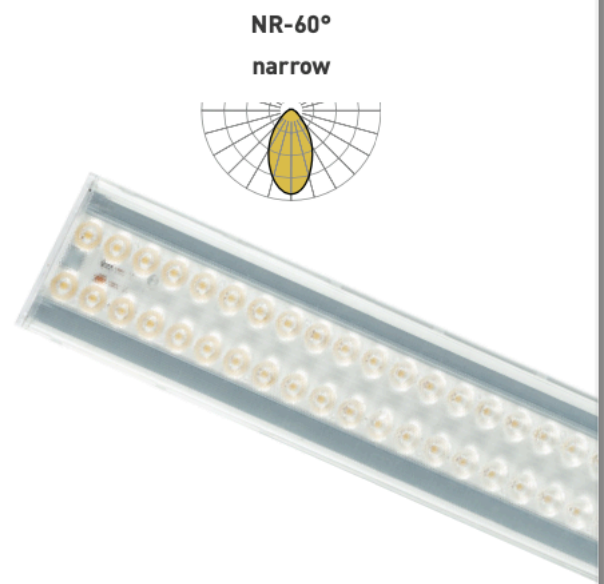




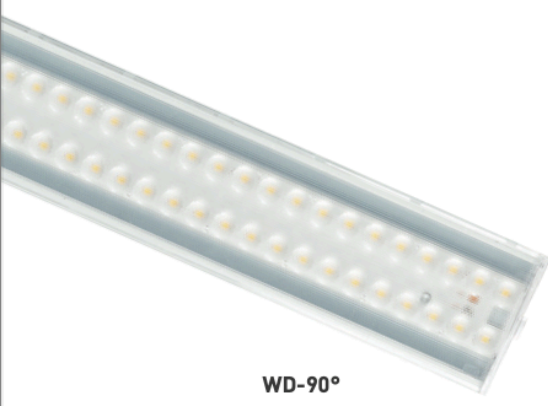
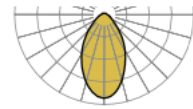
OPTICS



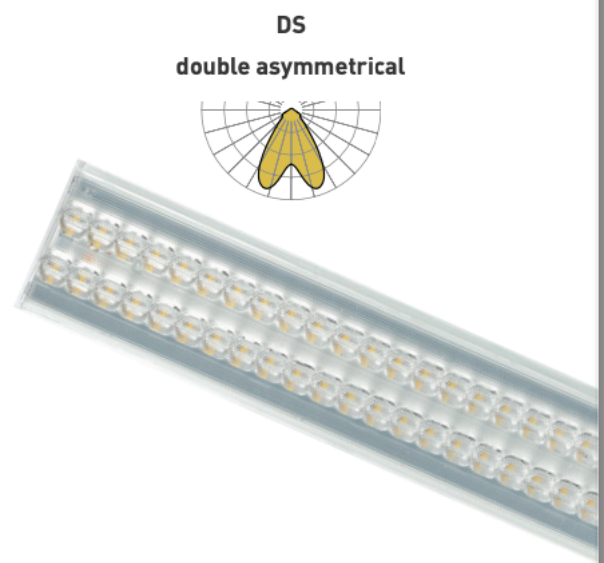
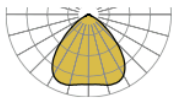
SP-30°
narrow



NR-60°
narrow



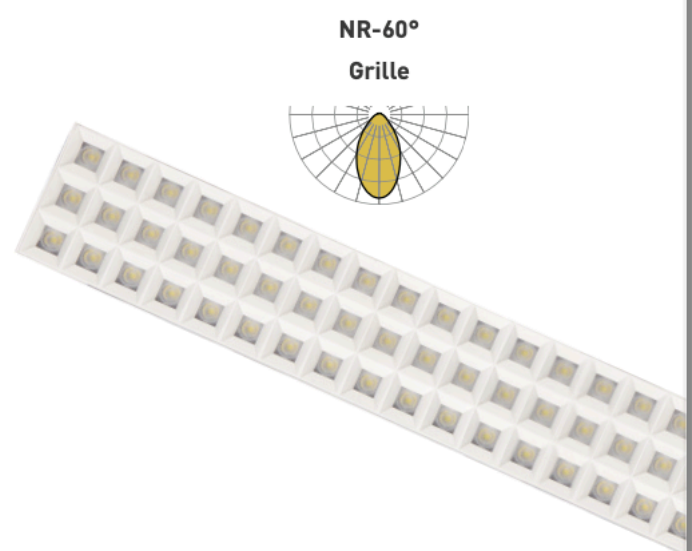
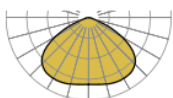
WD-90°
wide



DS
double asymmetrical



FD-120°
Diffuser



NR-60°
Grille





T-Line : Single tilting



Single tiltable, tilting range 30°



Optic angle: 30° x 30°
Tilting: 0°



Optic angle: 30° x 30°
Tilting: 15°



Optic angle: 30° x 30°
Tilting: 30°





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Ultra slim delicate design

Flexible rotation for wall washing





T-Line K2 : Twin wings tilting



Twin tiltable wings, tilting range: 30°



Optic angle: 20° x 90°

Tilting: 0°



Optic angle: 20° x 90°

Tilting: 30°





T-line K3: Central linear light with Twin wings tilting



Twin wings can be tiltable individually or simultaneously through 30° while the central linear light can't be tilted



Optic angle: 30° x 30°
Tilting: 0°



Optic angle: 30° x 30°
Tilting: 30°



Optic angle: 30° x 90°
Tilting: 0°



Optic angle: 30° x 90°
Tilting: 30°





The Lighting Practice

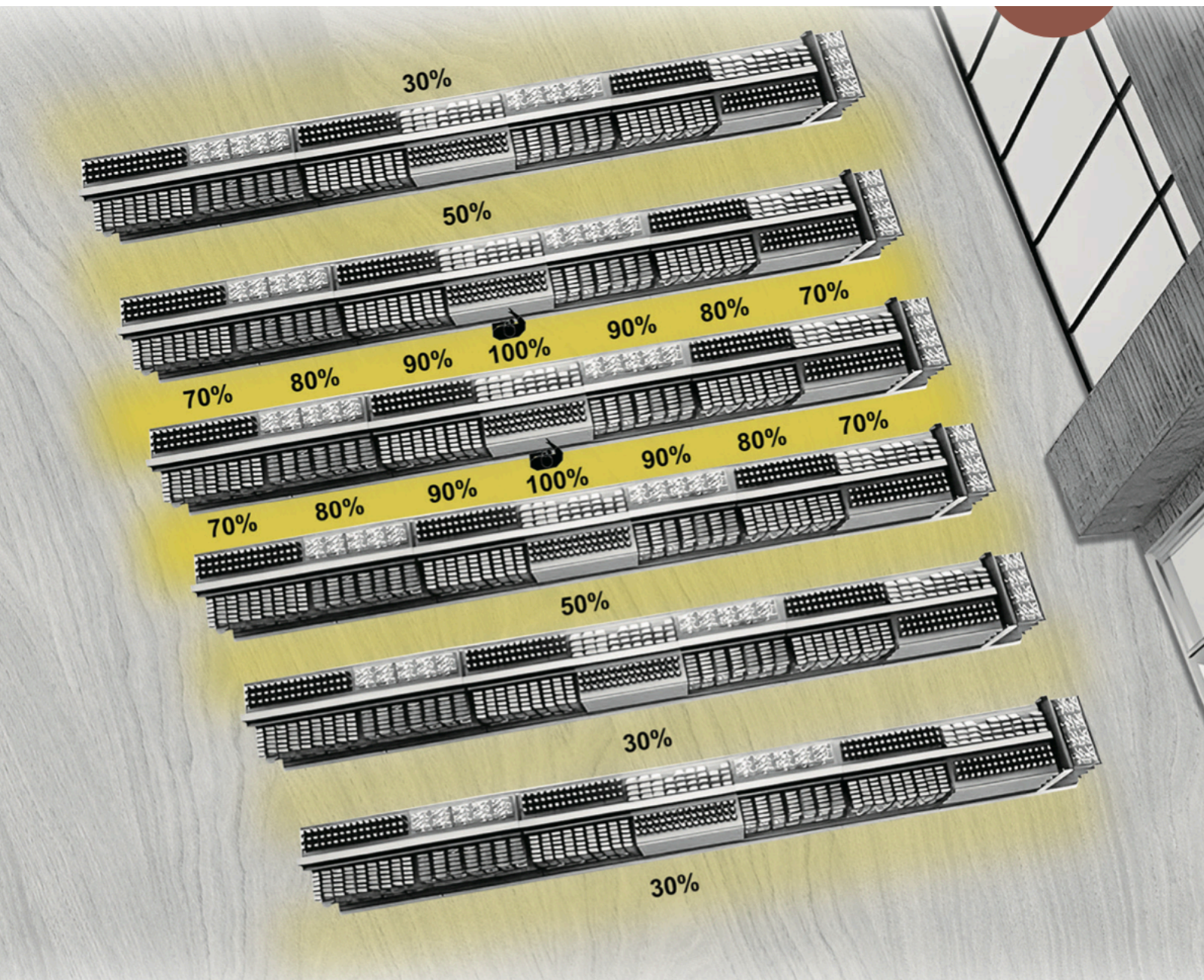
Lumexa Series

Engineered Illumination

Unique asymmetric +panel optical design

More transparent and bright for shelf aisle





Cost-saving Solution For Shops - Invisible Dimming Network

Optimise efficiency & reduce cost for you store

Lamps controlled by AI sensor with humanoid recognition technology

Light levels will be raised as far ahead of moving with people present

Guarantee customers always stay in a comfortable well-illuminated zone

Dimmed to a basic lighting level while people are absent

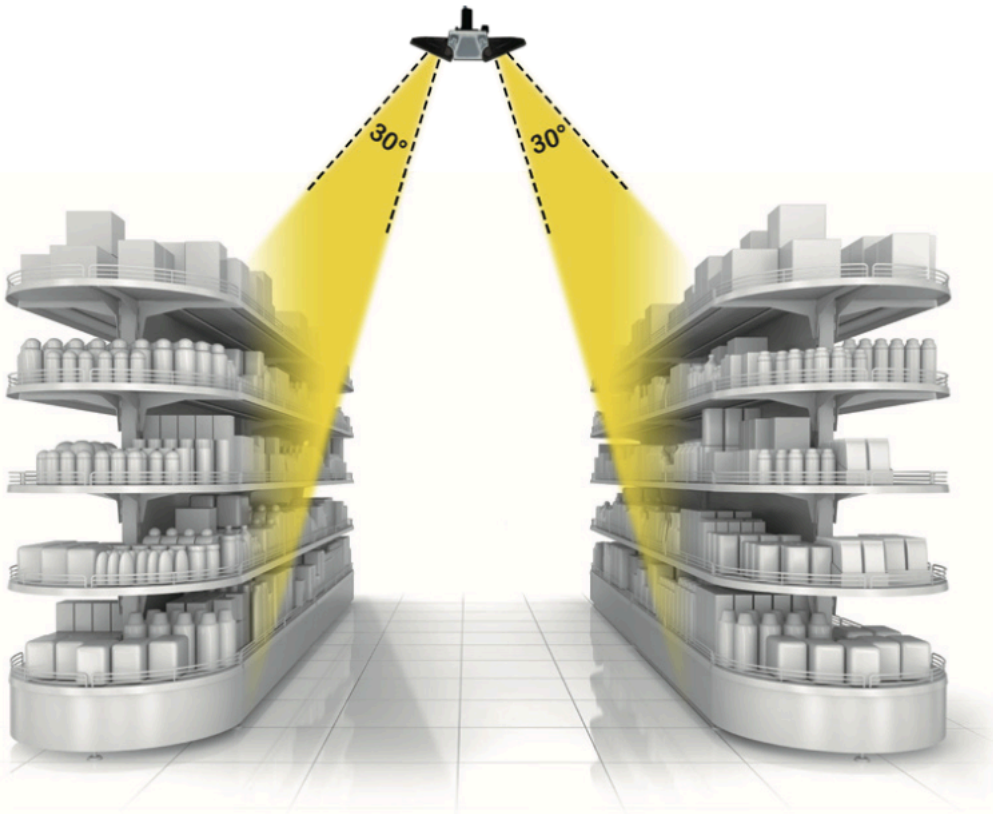
20% - 70% electricity cost can be saved





Cost-saving Solution For Shops

Less Luminaires



600mm long linear light with 50W output, equipped with special 30°|90° optical lens, lamps gap can be max 3 meters, with lux on floor still good and with a higher uniformity, uses less quantity lamps to keep an excellent lighting illumination, helps your store save on budget.



Luminaire Characteristics | 24W / 50W / 60W

Product Description

Flexibly Combine with track spotlights

Continuous line



Application

Commercial

Retail

Model No.	CTLS-0624/CTLS-0624-DT6	CTLS-1250/CTLS-1250-DT6	CTLS-1560/CTLS-1560-DT6
Outer dimensions	600mm*60mm	1195mm*60mm	1493mm*60mm
Input power	24W	50W	60W
Dip switch to	18/20/22/24W	35/40/45/50W	45/50/55/60W
Input voltage	220-240V	220-240V	220-240V
Input currency	0.14A max	0.3A max	0.36A max
Mains frequency	0/50/60HZ	0/50/60HZ	0/50/60HZ
PF (at 230 V, 50 Hz, full load)	0.95	0.95	0.95
Lumen	4320lm	9000lm	10800lm
Efficacy	180lm/W	180lm/W	180lm/W
CCT	2700-6500K	2700-6500K	2700-6500K
CRI	80Ra/90Ra	80Ra/90Ra	80Ra/90Ra
R9	>0	>0	>0
SDCM	<3	<3	<3
Beam angle	SP30°, NR60°, WD90°, DS, SW, FD120°	SP30°, NR60°, WD90°, DS, SW, FD120°	SP30°, NR60°, WD90°, DS, SW, FD120°
Dimming	NO/DALI DT6/switch	NO/DALI DT6/switch	NO/DALI DT6/switch
Dimming range	-1% - 100%	-1% - 100%	-1% - 100%
Output LF current ripple	≤5%	≤5%	≤5%



Flicker metric Pst LM	≤1.0	≤1.0	≤1.0
Stroboscopic effect metric SVM	≤0.4	≤0.4	≤0.4
Type of protection	IP20	IP20	IP20
Operating humidity	10-85%	10-85%	10-85%
Storage humidity	10-85%	10-85%	10-85%
Ambient temperature Ta (At life-time 100,000h)	-25 - 40°C	-25 - 40°C	-25 - 40°C
Warranty	10 years	10 years	10 years
Storage Temperature Ts	-40 - 85°C	-40 - 85°C	-40 - 85°C

Electrical Characteristics | Output Selectable Driver | 24W / 50W / 60W

Product description

Constant current LED driver

Lifespan: 100,000h

5 years warranty

Properties

Over voltage protection with automatic restart

Overload protection

Short-circuit protection with automatic restart

Surge voltage: 3KV





Model No.	CTLS-0624/CTLS-0624-DT6	CTLS-1250/CTLS-1250-DT6	CTLS-1560/CTLS-1560-DT6
Input voltage	220-240V	220-240V	220-240V
Input current	0.14A max	0.3A max	0.36A max
Mains frequency	0/50/60HZ	0/50/60HZ	0/50/60HZ
PF (at 230 V, 50 Hz, full load)	0.95	0.95	0.95
THD (at 230 V, 50Hz, full load)	15%	15%	15%
Inrush current	20A@100us	30A@120us	30A@180us
Turn on time (output)	≤1s	≤1s	≤1s
Standby power P _{sb}	/	/	/
Output voltage	85-144V	85-144V	100-177V
Output current	0.124/0.139/0.153/0.165 A	0.124/0.139/0.153/0.165 A	0.124/0.139/0.153/0.165 A
Max output power	24W	50W	60W
Efficacy (at 230V, 50Hz, full load)	90%	91.5%	92%
Dimming	NO/DALI DT6/switch	NO/DALI DT6/switch	NO/DALI DT6/switch
Dimming range	-1% - 100%	-1% - 100%	-1% - 100%
Output LF current ripple	≤5%	≤5%	≤5%
Surge (between L-N)	3KV	3KV	3KV
Surge (between L/N - PE)	3KV	3KV	3KV
Type of protection	IP20	IP20	IP20
Operating humidity	10-85%	10-85%	10-85%
Storage humidity	10-85%	SDCM	10-85%
Ambient temperature T _a (At life-time 100,000h)	-25 - 40°C	-25 - 40°C	-25 - 40°C
Max. Casing temperature T _c	60°C	70°C	70°C
Storage Temperature T _s	-40 - 85°C	-40 - 85°C	-40 - 85°C
Outer dimensions	230*25*12mm/ 300*25*12mm	230*25*12mm/ 300*25*12mm	230*25*12mm/ 300*25*12mm



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