EXQUISITE EFFICIENCY

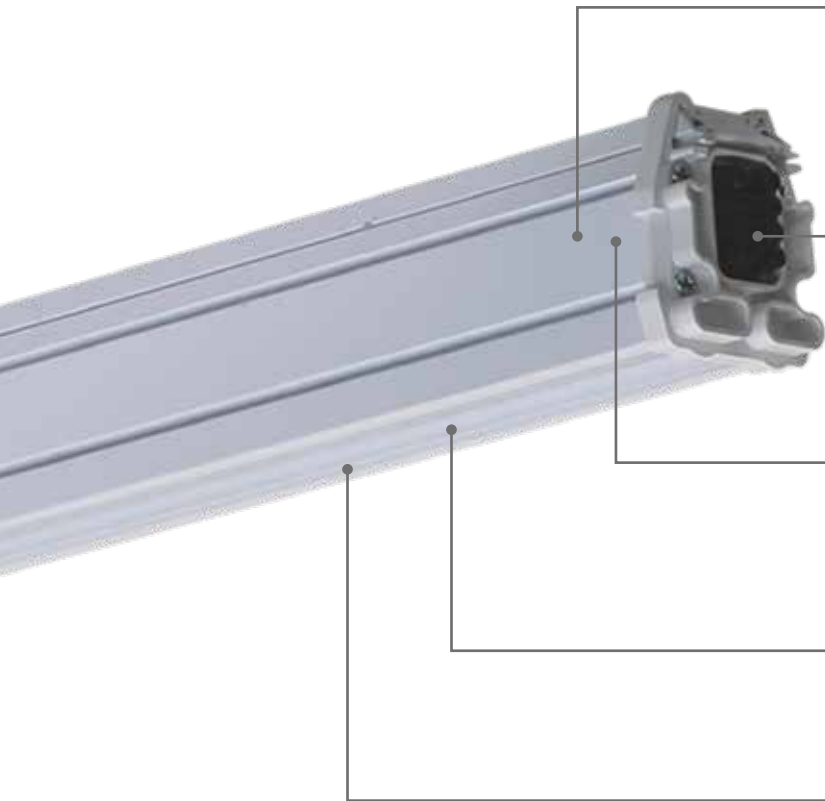## FEASIBLE DESIGN

Extruded aluminium housing

Minimalistic design and high-quality heat management

M/F connector integrated in the PlugIn cover

IP54 ingress protection, backbone wiring 5*1.5 mm, no additional tools required for electrical and mechanical connections

High-quality driver

EMC conformity, PFC > 0.97, no pulsation of luminous flux (< 1 %)
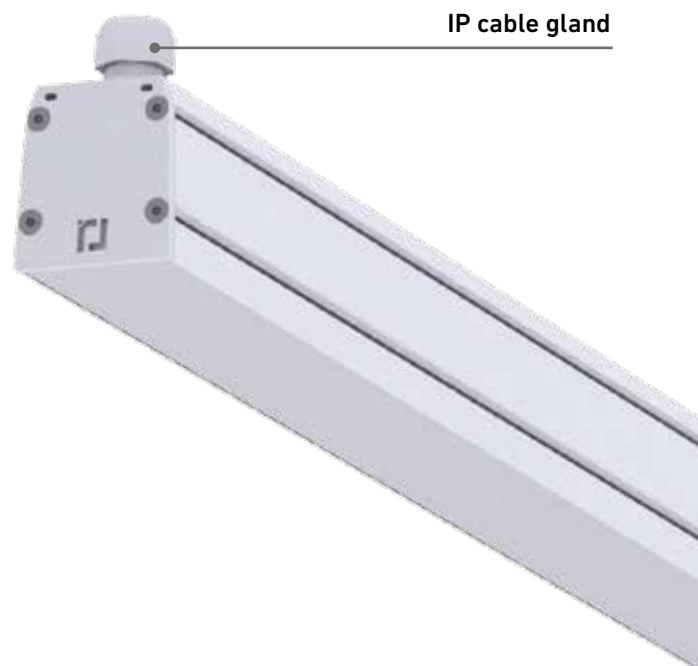
High efficient LEDs

High efficiency and stability of characteristics

Opalescent PMMA diffuser or lens

Efficient optics and several types of light distribution (D30, D60, D90, D120, ASYM, DOUBLE ASYM)

The **LED MALL ECO IP54** series dust- and moisture-proof LED-based luminaires in a compact extruded aluminum housing can efficiently replace continuous-row lighting systems based on fluorescent lamps. The high luminous flux, luminous efficacy up to 120 lm/W, two LDC options, high CRI, and the possibility to create long light lines significantly expand the range of applications for these luminaires, enabling their use both in large and mid-size retail sales areas as well as in auxiliary and storage facilities.

IP cable gland

LED MALL PlugIN IP54 rated line system luminaires with dust and moisture protection for creating continuous light lines serving as a perfect substitution for traditional main systems based on luminescent lamps. Possibility to create long light lines, simple installation and compliance with stringent requirements to quality of light and EN 60598 (EMC, no pulsation) make this product an ideal solution for large and medium scale retail facilities. IP54 allows you to use it in utility rooms and warehouses.
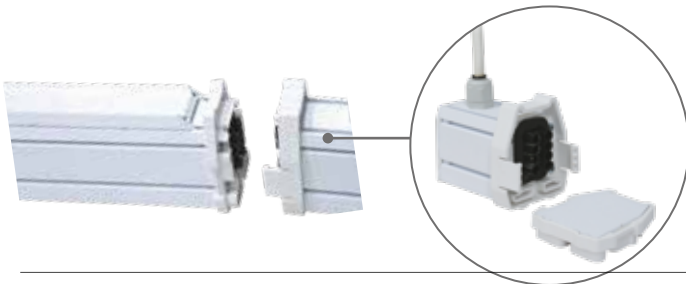
LED MALL PlugIN

Electrical connection of luminaires by means of connectors integrated in luminaire ends

• Connection of luminaires without additional tools
• Guide on the luminaire profile to ensure a straight light line
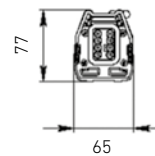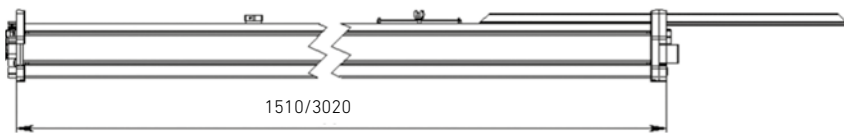
LED MALL PlugIN

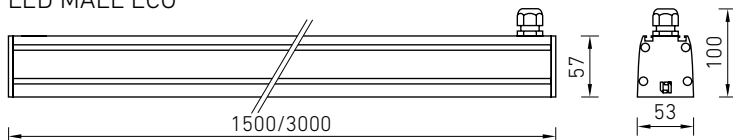Power supply by means of the LED MALL LINE power supply set

Internal wiring 5*1.5 mm

Phase switching slider on the housing of each luminaire

LED MALL PlugIN

1510/3020

77

65

LED MALL ECO

1500/3000

57

100

53

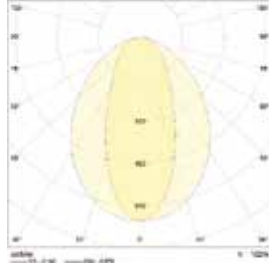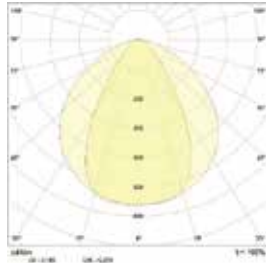**6 type of light intensity distribution curves to solve any lighting problem:**
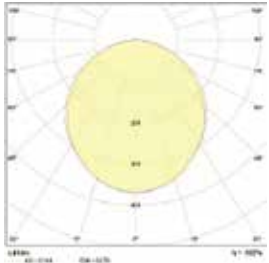
D90
General lighting
at standard levels

D30
Maximum efficiency
at high levels

D60
Maximum efficiency
at high levels
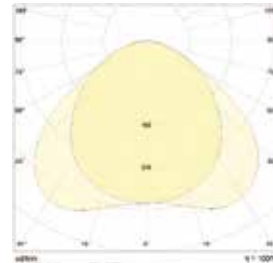
D120
Efficient illumination
of vertical surfaces
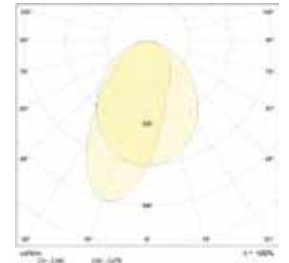
ASYM
Perimeter highlighting
and illumination of
vertical surfaces
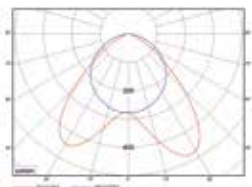
DOUBLE ASYM
Perimeter highlighting
and illumination of
vertical surfaces

COMMERCIAL

Ceiling installation

Suspension

Wall rotary bracket for LED MALL ECO

Ceiling bracket kit

Suspention kit
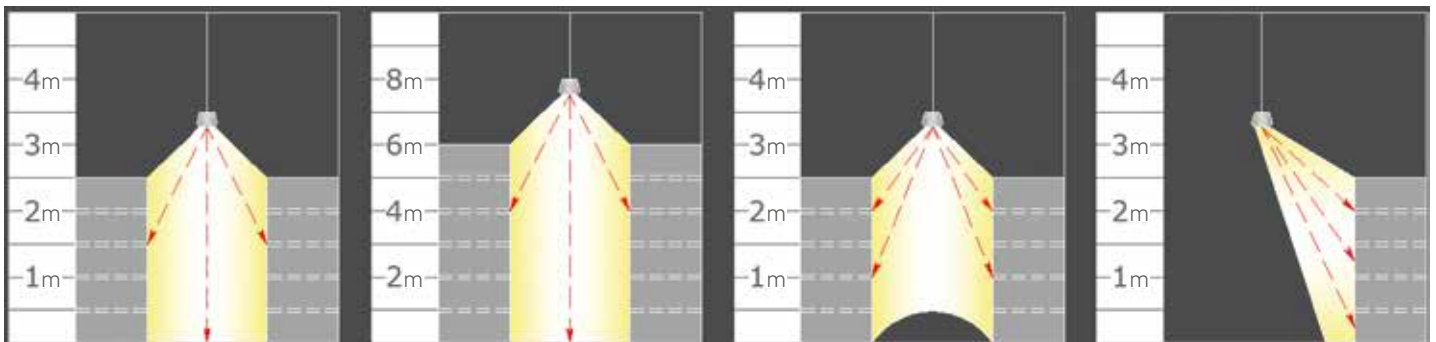
LED MALL PLUGIN	LED MALL ECO
Lighting efficiency up to 140 lm/W	Lighting efficiency up to 128 lm/W
Luminous efficiency from 1,5 m - 4750/ 8900 lm	Luminous efficiency from 1,5 m - 4100/9450 lm
Power 34/59 W	Power 38/74 W
IP54	
CRI > 80	
Color temperature 4000 K (3000K, 5000K by request)	
Six types of light distribution available (D30, D90, D60, D120, ASYM, DOUBLE ASYM)	

⎍COMMERCIAL

Code	Name	lm	W	lm/W	Kg
1997023380	LED MALL ECO 35 IP54 4000K /E/	4100	38	108	3,0
1997023780	LED MALL ECO 35 D30 IP54 4000K /E/	4800	38	126	3,5
1997020990	LED MALL ECO 70 IP54 4000K /E/	8200	74	111	3,1
1997021070	LED MALL ECO 70 D30 IP54 4000K /E/	8900	74	120	3,5
1997027250	LED MALL ECO 70 D120 IP54 4000K /E/	8900	74	120	3,5
1997027230	LED MALL ECO 70 D60 IP54 4000K /E/	9500	74	128	3,5
1997027240	LED MALL ECO 70 ASYM IP54 4000K /E/	8500	74	115	3,1
1997024420	LED MALL ECO 2X35 IP54 4000K /E/	8200	74	111	6,7
1997024430	LED MALL ECO 2X70 IP54 4000K /E/	16000	148	108	7,1
1598000660	LED MALL ECO 2×70 IP65 4000K	16600	118	141	7,3
1598001520	LED MALL ECO 2×70 D60 IP54 4000K	16600	118	141	7,5
1598002100	LED MALL ECO 2×70 DA IP65 4000K	16600	118	141	7,7
1997030850	LED MALL PLUGIN 30 D30 4000K /E/	4800	34	141	3,6
1997030840	LED MALL PLUGIN 30 D60 4000K /E/	4800	34	141	3,6
1997030830	LED MALL PLUGIN 30 D90 4000K /E/	4800	34	141	3,2
1997030860	LED MALL PLUGIN 30 D120 4000K /E/	4800	34	141	3,6
1997030870	LED MALL PLUGIN 30 ASYM 4000K /E/	4800	34	141	3,6
1997030820	LED MALL PLUGIN 30 DA 4000K /E/	4800	34	141	3,6
1997030790	LED MALL PLUGIN 60 D30 4000K /E/	8900	60	148	3,6
1997030780	LED MALL PLUGIN 60 D60 4000K /E/	8900	60	148	3,6
1997030770	LED MALL PLUGIN 60 D90 4000K /E/	8900	60	148	3,6
1997030800	LED MALL PLUGIN 60 D120 4000K /E/	8900	60	148	3,6
1997030810	LED MALL PLUGIN 60 ASYM 4000K /E/	8900	60	148	3,6
1997030760	LED MALL PLUGIN 60 DA 4000K /E/	8900	60	148	3,6
1997030970	LED MALL PLUGIN 2X30 D30 4000K /E/	9600	68	141	6,6
1997030960	LED MALL PLUGIN 2X30 D60 4000K /E/	9600	68	141	6,6
1997030950	LED MALL PLUGIN 2X30 D90 4000K /E/	9600	68	141	6,4
1997030980	LED MALL PLUGIN 2X30 D120 4000K /E/	9600	68	141	6,6
1997030990	LED MALL PLUGIN 2X30 ASYM 4000K /E/	9600	68	141	6,6
1997030940	LED MALL PLUGIN 2X30 DA 4000K /E/	9600	68	141	6,6
1997030910	LED MALL PLUGIN 2X60 D30 4000K /E/	16600	118	141	6,6
1997030900	LED MALL PLUGIN 2X60 D60 4000K /E/	16600	118	141	6,6
1997030890	LED MALL PLUGIN 2X60 D90 4000K /E/	16600	118	141	6,4
1997030920	LED MALL PLUGIN 2X60 D120 4000K /E/	16600	118	141	6,6
1997030930	LED MALL PLUGIN 2X60 ASYM 4000K /E/	16600	118	141	6,6
2598000140	Bracket connecting LED MALL ECO				0,06
2598000340	Bracket connecting LED MALL ECO for suspension				0,39
2997000670	Ceiling bracket LED MALL ECO /E/				0,07
2598000250	Ceiling bracket LED MALL ECO Black				0,07
2997000930	Ceiling bracket LED MALL ECO silver /E/				0,07
1997031790	LED MALL PlugIN 60 housing w/o LED (main line harness)/E/				2,5
2997001140	Power continuous line set LED MALL PlugIN /E/				0,7
2997000680	Power supply set LED MALL LINE /E/				0,7
2598000480	Power supply set LED MALL LINE /through wiring/				0,8
2598000500	Power supply set LED MALL LINE HFD silver				0,7
2997000980	Power supply set LED MALL PlugIN /E/				0,4
2997000950	Power supply set LED MALL PlugIN HFD /E/				0,5
2997000550	Suspension kit LED MALL ECO /E/				0,13
2598000540	Suspension kit LED MALL ECO 3m Silver				0,2
2598000530	Suspension kit LED MALL ECO Black				0,13
2598000490	Suspension kit LED MALL ECO Silver				0,13
2598000550	Wall rotary bracket LED MALL ECO (90 deg.) Black				0,08
2598000510	Wall rotary bracket LED MALL ECO (90 deg.) Silver				0,085
2598000190	Wall rotary bracket LED MALL ECO (90 deg.) White				0,085