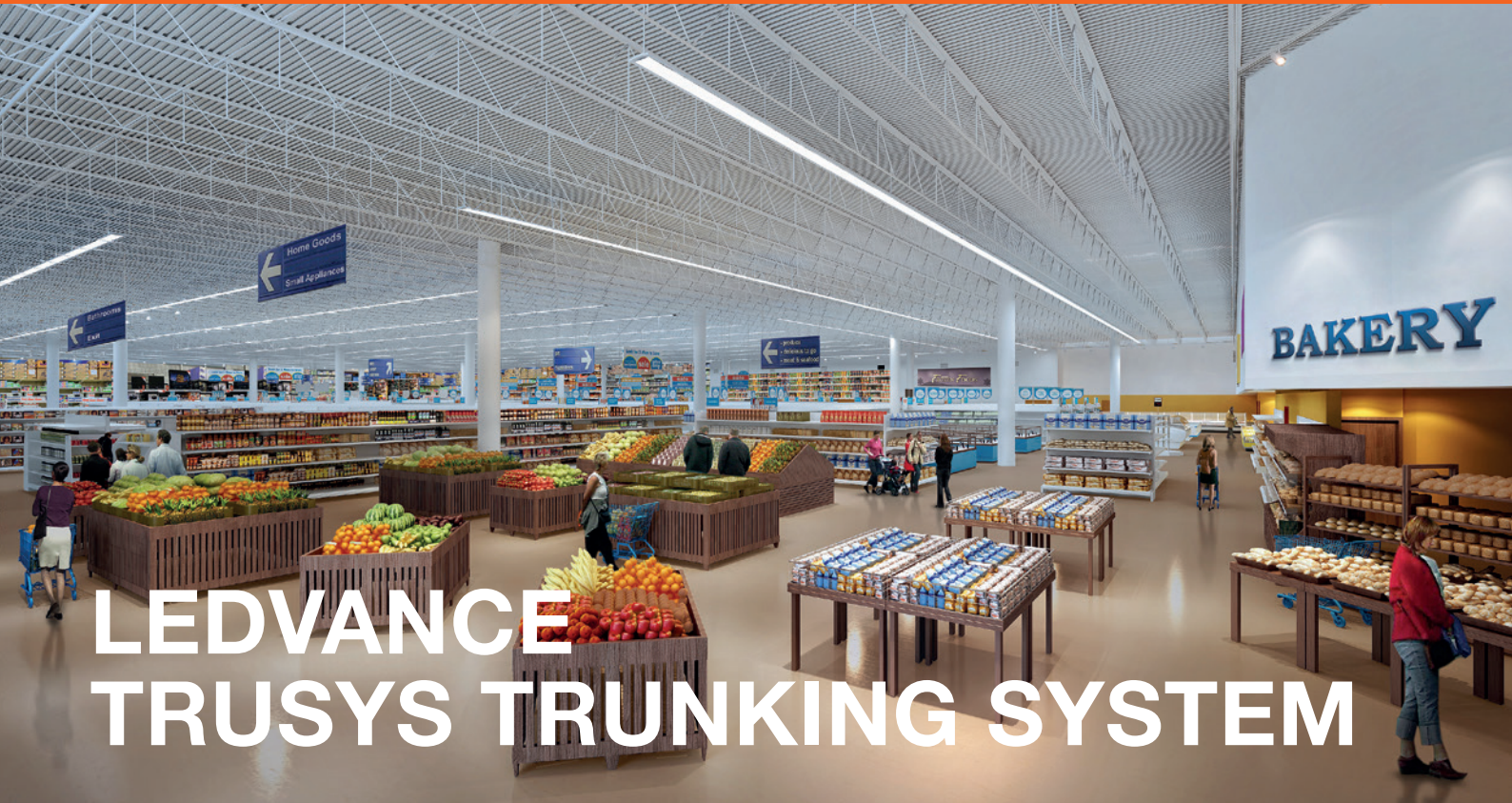




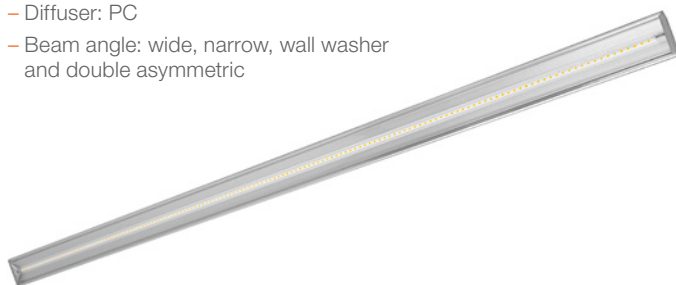
LEDVANCE TRUSYS TRUNKING SYSTEM

- Controllable luminaires with DALI
- Energy savings of up to 65 % with a luminous efficacy up to 135lm/W
- High-quality robust design: anodized aluminum material, extruded polycarbonate single lens technology and integrated mounting brackets
- Quick and easy luminaire installation thanks to click system
- Guarantee¹ 5 years
- Lifetime: 50 000 h, L80/B50
- Suitable for general lighting in shop, industry and logistics applications



LUMINAIRE

- Efficacy: up to 135 lm/ W
- Luminous flux: up to 7200 lm
- Light colours: 3000 K/ 4000 K/ 6500 K
- Housing: Aluminium anodized
- Diffuser: PC
- Beam angle: wide, narrow, wall washer and double asymmetric



ENERGY RAIL

- Cable system: Through wired 5-core/ 7-core with 2,5mm² cables
- Color: Aluminium anodized
- System length: 1535 mm, 3070 mm, 5005 mm
- Connection: integrated mechanical and electrical connection in the rail
- Choice of mains: flexible

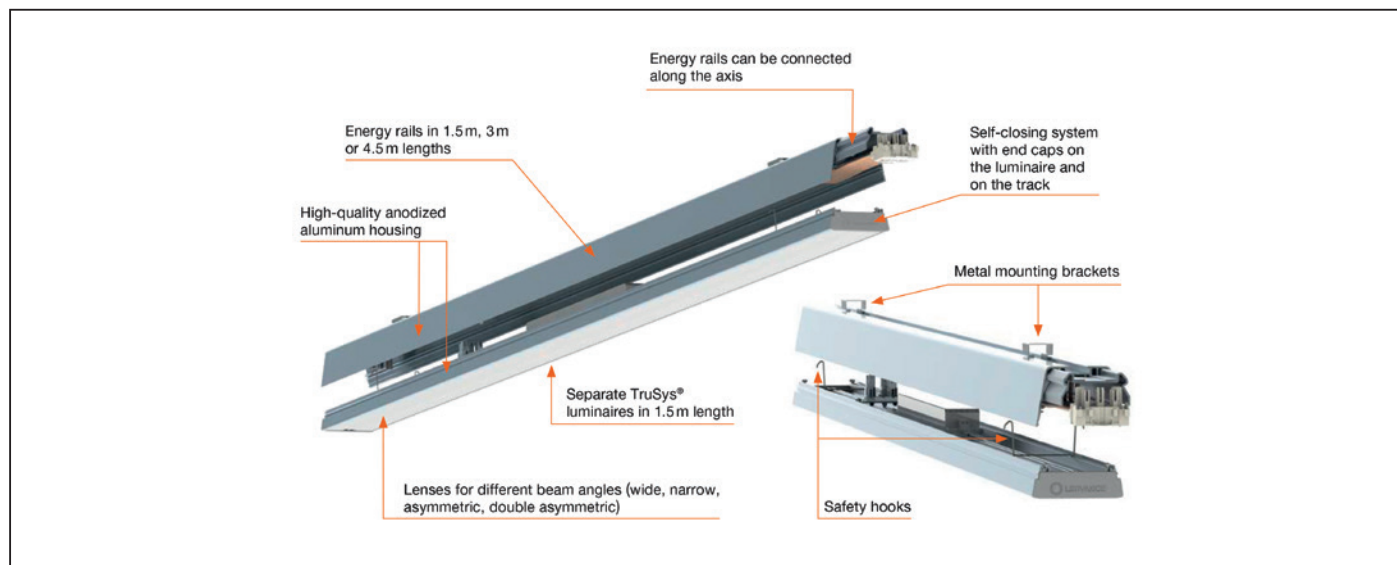


¹ Refer to www.ledvance.com/guarantee for precise conditions

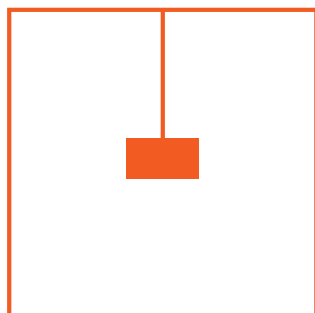
LEDVANCE TRUSYS TRUNKING SYSTEM OVERVIEW

Product family	Product Short Name	Light Color	Beam Angle	Lumen	Weight	Order Code (EAN)
TruSys® Luminaire DALI						
TruSys® DALI Wide	TruSys LED DALI 53W 3000K W SI	3000K	105°	6600	1.7kg	4058075102460
TruSys® DALI Wide	TruSys LED DALI 53W 4000K W SI	4000K	105°	7200	1.7kg	4058075102484
TruSys® DALI Wide	TruSys LED DALI 53W 6500K W SI	6500K	105°	6900	1.7kg	4058075102507
TruSys® DALI Narrow	TruSys LED DALI 53W 3000K NFL SI	3000K	25°	6200	1.7kg	4058075102521
TruSys® DALI Narrow	TruSys LED DALI 53W 4000K NFL SI	4000K	25°	6700	1.7kg	4058075102545
TruSys® DALI Narrow	TruSys LED DALI 53W 6500K NFL SI	6500K	25°	6500	1.7kg	4058075102569
TruSys® DALI Shelf	TruSys LED DALI 53W 3000K DA SI	3000K	2x35°	6400	1.7kg	4058075102644
TruSys® DALI Shelf	TruSys LED DALI 53W 4000K DA SI	4000K	2x35°	6900	1.7kg	4058075102668
TruSys® DALI Shelf	TruSys LED DALI 53W 6500K DA SI	6500K	2x35°	6700	1.7kg	4058075102682
TruSys® DALI Wallwasher	TruSys LED DALI 53W 3000K WW SI	3000K	45°	5700	1.7kg	4058075102583
TruSys® DALI Wallwasher	TruSys LED DALI 53W 4000K WW SI	4000K	45°	6300	1.7kg	4058075102606
TruSys® DALI Wallwasher	TruSys LED DALI 53W 6500K WW SI	6500K	45°	6100	1.7kg	4058075102620
TruSys® Energy Rail DALI						
TruSys® Energy Rail DALI	TruSys Energy Rail 1500 7X2,5				1.5kg	4058075103450
TruSys® Energy Rail DALI	TruSys Energy Rail 3000 7X2,5				3.0kg	4058075103474
TruSys® Energy Rail DALI	TruSys Energy Rail 4500 7X2,5				4.5kg	4058075103498
TruSys® Luminaire On/Off						
TruSys® Wide	TruSys LED 53W 3000K W SI	3000K	105°	6600	1.7kg	4058075100459
TruSys® Wide	TruSys LED 53W 4000K W SI	4000K	105°	7200	1.7kg	4058075100473
TruSys® Wide	TruSys LED 53W 6500K W SI	6500K	105°	6900	1.7kg	4058075100497
TruSys® Narrow	TruSys LED 53W 3000K NFL SI	3000K	25°	6200	1.7kg	4058075100510
TruSys® Narrow	TruSys LED 53W 4000K NFL SI	4000K	25°	6700	1.7kg	4058075100534
TruSys® Narrow	TruSys LED 53W 6500K NFL SI	6500K	25°	6500	1.7kg	4058075100558
TruSys® Shelf	TruSys LED 53W 3000K DA SI	3000K	2x35°	6400	1.7kg	4058075100633
TruSys® Shelf	TruSys LED 53W 4000K DA SI	4000K	2x35°	6900	1.7kg	4058075100657
TruSys® Shelf	TruSys LED 53W 6500K DA SI	6500K	2x35°	6700	1.7kg	4058075100671
TruSys® Wallwasher	TruSys LED 53W 3000K WW SI	3000K	45°	5700	1.7kg	4058075100572
TruSys® Wallwasher	TruSys LED 53W 4000K WW SI	4000K	45°	6300	1.7kg	4058075100596
TruSys® Wallwasher	TruSys LED 53W 6500K WW SI	6500K	45°	6100	1.7kg	4058075100619
TruSys® Energy Rail On/Off						
TruSys® Energy Rail	TruSys ENERGY RAIL 1500 5X2,5				1.5kg	4058075100299
TruSys® Energy Rail	TruSys ENERGY RAIL 3000 5X2,5				3.0kg	4058075100312
TruSys® Energy Rail	TruSys ENERGY RAIL 4500 5X2,5				4.5kg	4058075100336
TruSys® Accessories						
TruSys® Energy Rail Accessories	TruSys BLIND COVER 1500					4058075100398
TruSys® Energy Rail Accessories	TruSys CHAIN KIT 3000					4058075100374
TruSys® Energy Rail Accessories	TruSys ENDCAP ER					4058075100411
TruSys® Energy Rail Accessories	TruSys MOUNTING BRACKETS					4058075100435
TruSys® Energy Rail Accessories	TruSys SUSPENSION KIT 3000					4058075100350
TruSys® Energy Rail Accessories	TruSys Electrical Connector 5X2,5					4058075155565
TruSys® Energy Rail Accessories	TruSys Electrical Connector 7X2,5					4058075155589

SYSTEM OVERVIEW



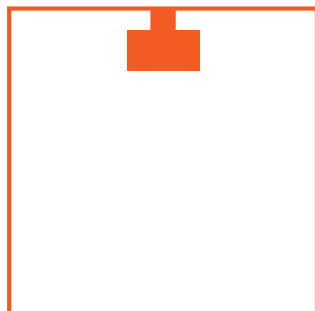
MOUNTING SOLUTIONS



**TruSys®
CHAIN KIT 3000
(without chain)
EAN 4058075100374**



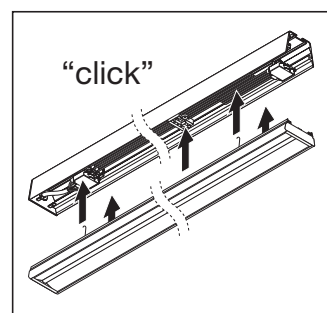
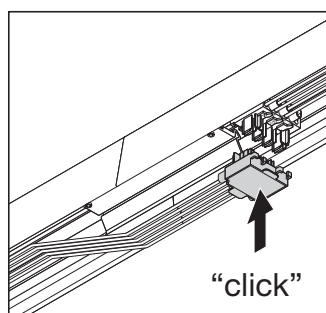
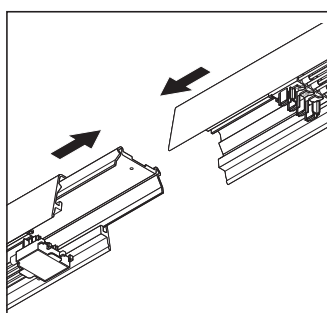
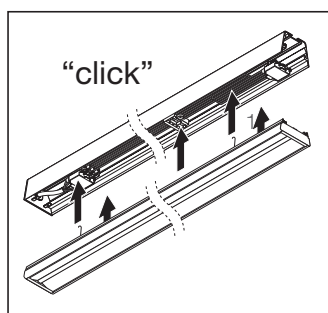
**TruSys®
SUSPENSION KIT 3000
EAN 4058075100350**



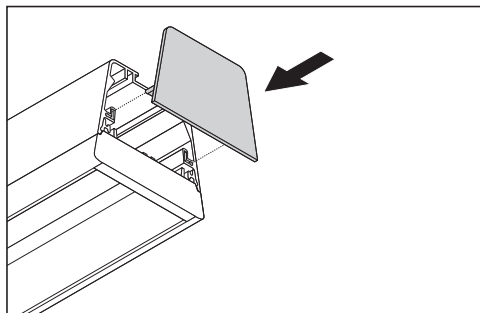
**TruSys®
MOUNTING
BRACKETS
EAN 4058075100435**



CONNECTION FROM RAIL TO RAIL



ENDCAP & BLIND COVER



TruSys®
ENDCAP ER
EAN 4058075100411

TruSys® ENERGY RAIL 4500

Installation with and without Blind Cover



TruSys® Luminaire

3x TruSys® Luminaire

BLIND COVER

TruSys® Luminaire



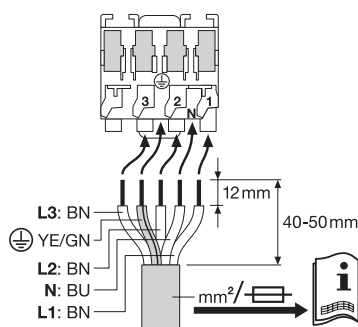
TruSys®
BLIND COVER 1500
EAN 4058075100398

ELECTRICAL CONNECTORS FOR THE FIRST FEED IN

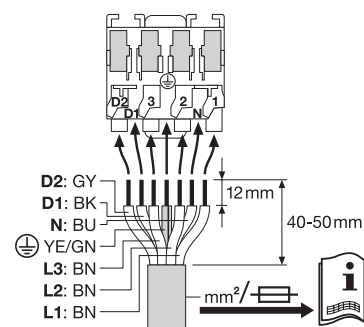


TruSys®
ELECTRICAL CONNECTOR 5X2,5
EAN 4058075155565

TruSys®
ELECTRICAL CONNECTOR 7X2,5
EAN4058075155589



On/Off



DALI

Figure 10 consists of two diagrams. The left diagram is a polar plot showing the beam footprint of a C0/C180 configuration. The radial axis represents distance in meters (0 to 6000 m), and the angular axis represents the beam angle (0 to 90 degrees). The beam footprint is a yellow-shaded area with a black outline. The right diagram is a cross-section of the beam, showing a half-beam angle of 95.2 degrees. It includes a table of beam diameter and illuminance values at various distances.

Distance [m]	Beam diameter [m]	Illuminance
0.5	1.10	E(0°) E(C30) 47.8° 3269 460
1.0	2.19	E(0°) E(C30) 47.8° 817 115
1.5	3.29	E(0°) E(C30) 47.8° 363 51
2.0	4.38	E(0°) E(C30) 47.8° 204 29
2.5	5.48	E(0°) E(C30) 47.8° 131 18
3.0	6.57	E(0°) E(C30) 47.8° 91 13

Legend:
 — C0/C180
 — C0/C270 (half beam angle [°] 95.2°)

Figure 10 consists of two parts. The left part is a polar plot showing the beam diameter distribution for CDM180 (red line) and CDM270 (black line) at a distance of 6200 m. The right part is a table showing the illuminance distribution for the same two beam types at various distances and beam angles.

Left Plot: Beam Diameter Distribution

The plot shows the beam diameter (m) on the y-axis (0 to 6200) versus the beam angle (°) on the x-axis (0° to 90°). The CDM180 beam (red line) has a diameter of 3200 m at 0° and 6000 m at 90°. The CDM270 beam (black line) has a diameter of 4800 m at 0° and 6200 m at 90°.

Right Table: Illuminance Distribution

Distance [m]	Cone diameter [m]	E(0°) E(CM0) E(CD)	46.8° 12.9°	50220 4637 14020
0.5	1.06 0.23	E(0°) E(CM0) E(CD)	46.8° 12.9°	7520 1205 5957
1.0	2.13 0.46	E(0°) E(CM0) E(CD)	46.8° 12.9°	3946 537 1598
1.5	3.19 0.69	E(0°) E(CM0) E(CD)	46.8° 12.9°	1882 302 926
2.0	4.26 0.92	E(0°) E(CM0) E(CD)	46.8° 12.9°	1191 191 581
2.5	5.32 1.15	E(0°) E(CM0) E(CD)	46.8° 12.9°	837 134 395
3.0	6.39 1.38	E(0°) E(CM0) E(CD)	46.8° 12.9°	

Legend:

- CDM180 (half beam angle [°] 25.8°)
- CDM270 (half beam angle [°] 59.8°)

Figure 10 consists of two parts. The left part is a polar plot showing the beam spread of the CDS180 (black outline) and CDS1270 (orange outline) at a distance of 6400 m. The plot shows the beam spread in degrees (0° to 90°) and distance in meters (0 to 6400 m). The CDS180 beam is wider and reaches a greater distance than the CDS1270 beam. The right part is a table of beam dimensions and illuminance at various distances.

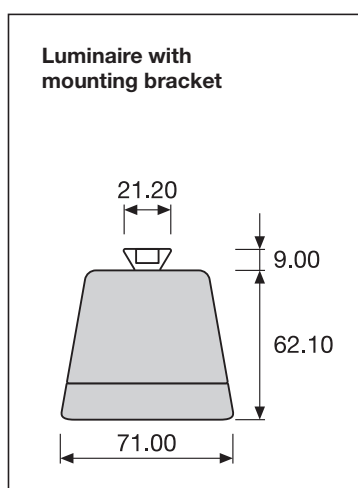
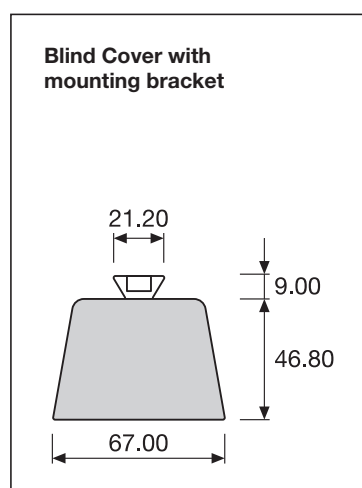
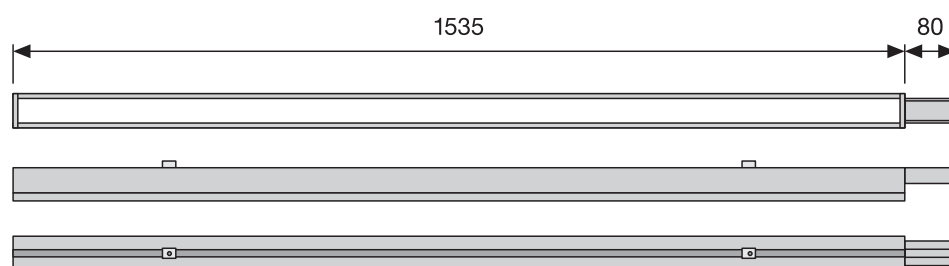
Distance [m]	Cone diameter [m]	E (I ²) E (CDS) E (CDS)	Beam angle [°] 61.0° 33.3°	Illuminance [lx]
0.5	1.80 0.66	E (I ²) E (CDS) E (CDS)	61.0° 33.3°	9471 862 5622
1.0	3.61 1.31	E (I ²) E (CDS) E (CDS)	61.0° 33.3°	2368 138 1405
1.5	5.41 1.97	E (I ²) E (CDS) E (CDS)	61.0° 33.3°	1052 61 629
2.0	7.22 2.63	E (I ²) E (CDS) E (CDS)	61.0° 33.3°	592 34 391
2.5	9.02 3.29	E (I ²) E (CDS) E (CDS)	61.0° 33.3°	379 22 225
3.0	10.82 3.94	E (I ²) E (CDS) E (CDS)	61.0° 33.3°	263 15 166

Legend:
 - CDS180 (black outline)
 - CDS1270 (orange outline)

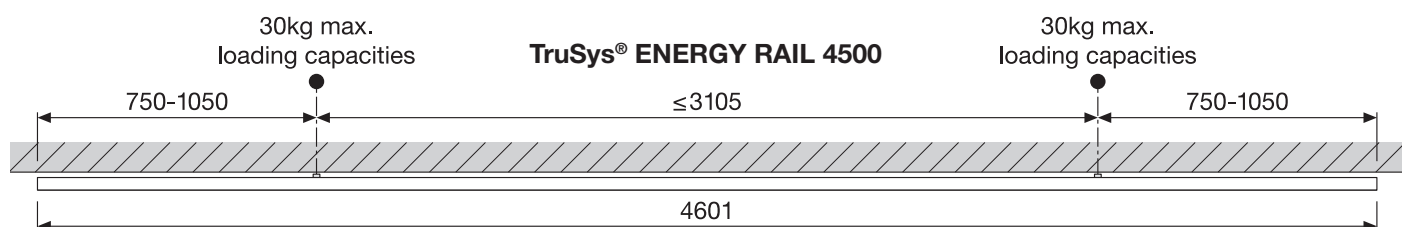
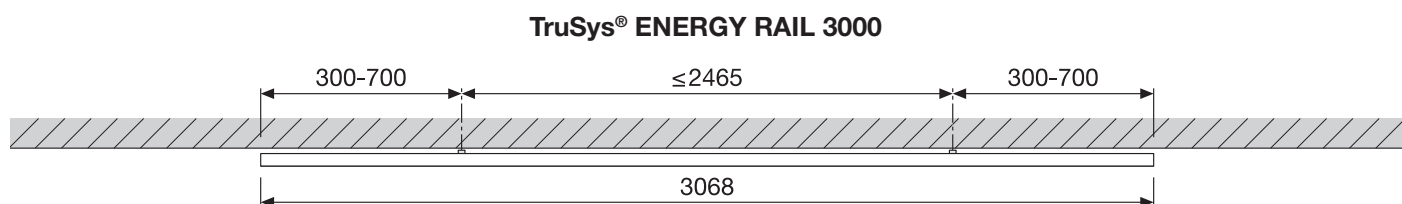
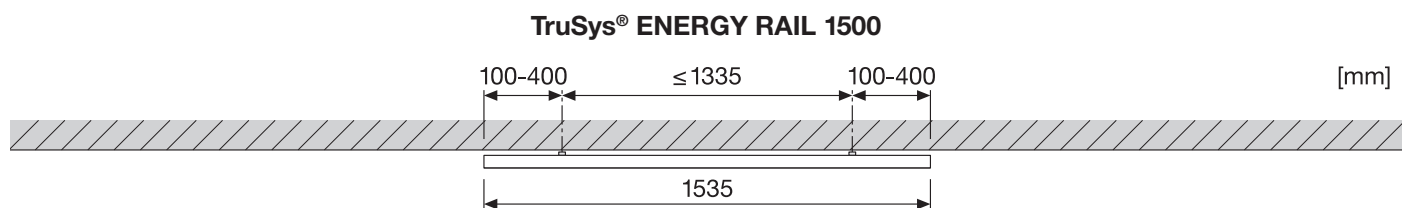
Distance [m] Cone diameter [m] Illuminance [lx]

Legend:
 - CDS180 (half beam angle [°]: 66.6°)
 - CDS1270 (half beam angle [°]: 32.2°)

DIMENSIONS IN MILLIMETRES



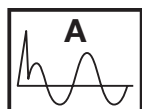
SUSPENSION DISTANCES WITH MAX. LOADING CAPACITY



INSTALLATION INFORMATION

ON/OFF

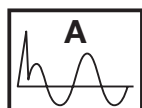
	~ 230V / ~ 243mA / ~ 53W / PF ~ 0.95							
	C10	C13	C16	C20	B10	B13	B16	B20
	1.5mm ²	1.5mm ²	1.5mm ²	2.5mm ²	1.5mm ²	1.5mm ²	1.5mm ²	2.5mm ²
LC 57 W 800-1050mA flexC Ip ADV	n=15	n=20	n=27	n=33	n=9	n=12	n=16	n=20



250 μ s / $I \leq 30A$

DALI

	~ 230V / ~ 223mA / ~ 53W / PF ~ 0.95							
	C10	C13	C16	C20	B10	B13	B16	B20
	1.5mm ²	1.5mm ²	2.5mm ²	2.5mm ²	1.5mm ²	1.5mm ²	2.5mm ²	2.5mm ²
LCA 50 W 350-1050mA one4all Ip PRE	n=21	n=28	n=35	n=45	n=13	n=17	n=21	n=27



170 μ s / $I \leq 35A$