

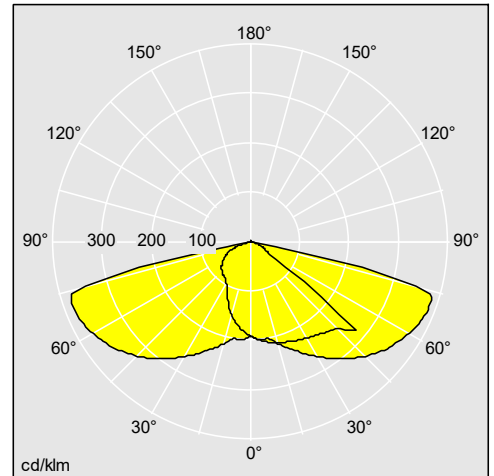
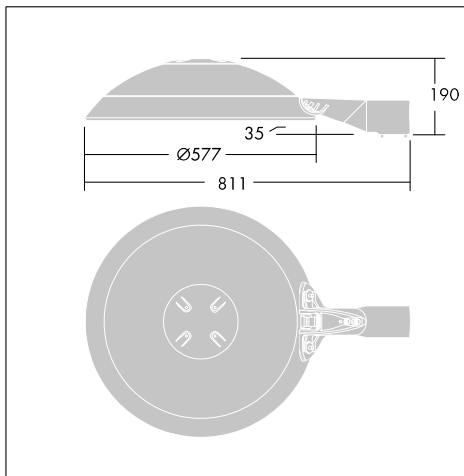
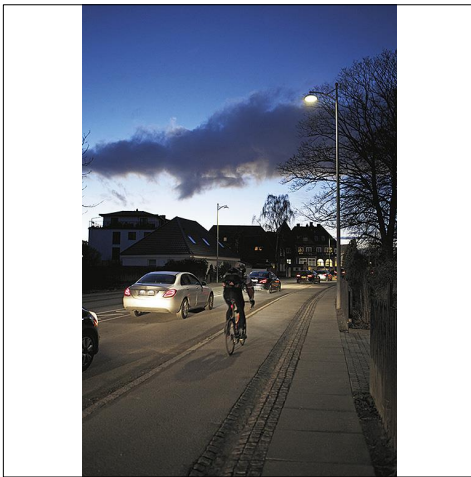
Thor

An LED smart urban lantern providing high user comfort and easy integration of connectivity and sensors into city environments

- High lighting quality creates a comfortable ambience
 - Designed around the high performance R-PEC light engine, ensuring an excellent balance between performance and comfort
 - Compatible with any existing management control system options on the market thanks to the ZHAGA socket option
 - Flexible mounting options extend the scope of application
 - Delivers comfort and warm ambience (3000K, 2700K, 2200K)
 - OTHER OPTIONS ARE AVAILABLE (colour temperature, controls, colour...).
- See Thor S myProduct for configuration options



Photographs, line drawings and photometric data are representative only. For specific product detail please select an individual product.



96643930

Material/Finish

Dome, 2 options: Thor L, UV stabilized polycarbonate with dark sandy grey finish, close to RAL7043 or with opal finish. Thor S, UV stabilized polycarbonate with opal finish, or die-cast aluminium with dark sandy grey finish.

Glass: toughened flat glass

Bracket: die cast aluminium treated against corrosion and powder coated dark sandy grey finish (close to RAL7043).

Body: die cast aluminium treated against corrosion and powder coated dark sandy grey finish (close to RAL7043) (EN AC-47100 + CAT). Standard corrosion class C5 according to ISO 9223: 2012.

Reflector: ABS white with UV treatment

Screws and closing set: Stainless steel

Installation/Mounting

Recommended mounting height: up to 8m. All post top and side entry versions are pre-wired. Supplied complete and ready to install, in a single box. Suitable for both post top and side entry mounting Ø60mm as standard. Side mounting: Ø60mm x 100mm long spigot, tilting -15° max, secured by 2 screws, delivered tilted at 0° by default. Top mounting: Ø60mm spigot, tilting +10° max, secured by 2 stainless steel screws, delivered tilted at 0° by default. Optimised with R-PEC optics for good control and performance. Catenary and suspended versions fixed through 27G, and 34G. Ø48 mm lateral and post top versions (external Ø60mm, internal Ø48mm), available on request.

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Specification

To specify state:

IP66 durable urban LED lantern with full dome or opal dome. Luminaire flux up to 16 986 Llm. Efficiency up to 160 Llm/W. Ø60mm side entry, and post top mountings, as standard. Tilting from -15° to +10°. Wide optical offer with efficient R-PEC optics. CLO, bi-power, DALI and Zhaga as standard. 4000K, 3000K, 2700K, 2200K color temperatures. Ø48mm lateral, Ø48mm post top mountings, catenary and suspended versions (on request for Thor L). Compatible with management control system options via Zhaga socket options.

Thor S : ZU Zhaga socket up, ZD Zhaga socket down, ZUD Zhaga socket up & down.

Thor L : ZD Zhaga socket down. ZD4i certified.

As Thorn Thor.

Ordering Guide

Description	ILCOS Code	Socket	Wt (kg)	SAP Code
Thor S, Post top mounting, full dome, narrow road optic				
TR 12L25-740 NR CL1 FD T60E ANT	LED		8,65	96635459
TR 12L35-740 NR CL1 FD T60E ANT	LED		8,65	96635460
TR 12L50-740 NR CL1 FD T60E ANT	LED		8,7	96635461
TR 12L70-740 NR CL1 FD T60E ANT	LED		8,7	96635462
TR 24L35-740 NR CL1 FD T60E ANT	LED		8,8	96635463
TR 24L50-740 NR CL1 FD T60E ANT	LED		8,8	96635464
TR 24L70-740 NR CL1 FD T60E ANT	LED		8,85	96635465
TR 36L35-740 NR CL1 FD T60E ANT	LED		8,95	96635467
TR 36L50-740 NR CL1 FD T60E ANT	LED		8,95	96635468
TR 36L70-740 NR CL1 FD T60E ANT	LED		9,23	96635469
Thor S, Catenary mounting, full dome, narrow road optic				
TR 24L105 740 NR-S BS 3550 CL1 FD MCA ->	LED		8,6	96632118
TR 24L105-740 NR-S CL1 FD MCA ANT	LED		8,85	96635466
Thor S, Catenary mounting, full dome, wide street optic				
TR 24L105 740 WS-S BS 3550 CL1 FD MCA ->	LED		8,6	96665355
Thor L, Post top mounting, full dome, narrow road optic				
TR 48L50-740 NR BP CL1 FD W9 T60E	LED		13,9	96643938
TR 48L50-730 NR BP CL1 FD W9 T60E	LED		13,9	96643940
TR 72L50-740 NR BP CL1 FD W9 T60E	LED		14,8	96643948
TR 72L50-730 NR BP CL1 FD W9 T60E	LED		14,8	96643950
Thor L, Post top mounting, full dome, street comfort optic				
TR 48L50-740 SC BP CL1 FD W9 T60E	LED		13,9	96643939
TR 48L50-730 SC BP CL1 FD W9 T60E	LED		13,9	96643941
TR 72L50-740 SC BP CL1 FD W9 T60E	LED		14,8	96643949
TR 72L50-730 SC BP CL1 FD W9 T60E	LED		14,8	96643951
Thor L, Post top mounting, opal dome, narrow road optic				
TR 48L50-740 NR BP CL1 OP W9 T60E	LED		14,2	96643898
TR 48L50-730 NR BP CL1 OP W9 T60E	LED		14,2	96643900
TR 72L50-740 NR BP CL1 OP W9 T60E	LED		14,6	96643908
TR 72L50-730 NR BP CL1 OP W9 T60E	LED		14,6	96643910

Thor

Description	ILCOS Code	Socket	Wt (kg)	SAP Code
Thor L, Post top mounting, opal dome, street comfort optic				
TR 48L50-740 SC BP CL1 OP W9 T60E	LED		14,2	96643899
TR 48L50-730 SC BP CL1 OP W9 T60E	LED		14,2	96643901
TR 72L50-740 SC BP CL1 OP W9 T60E	LED		14,6	96643909
TR 72L50-730 SC BP CL1 OP W9 T60E	LED		14,6	96643911
Thor L, Lateral mounting, full dome, narrow road optic				
TR 48L50-740 NR BP CL1 FD W9 L60E	LED		13,9	96643958
TR 48L50-730 NR BP CL1 FD W9 L60E	LED		13,9	96643960
TR 72L50-740 NR BP CL1 FD W9 L60E	LED		14,8	96643968
TR 72L50-730 NR BP CL1 FD W9 L60E	LED		14,8	96643970
TR 48L50-740 NR BP CL1 PM FD W9 L60E	LED		13,9	96643972
Thor L, Lateral mounting, full dome, street comfort optic				
TR 48L50-740 SC BP CL1 FD W9 L60E	LED		13,9	96643959
TR 48L50-730 SC BP CL1 FD W9 L60E	LED		13,9	96643961
TR 72L50-740 SC BP CL1 FD W9 L60E	LED		14,8	96643969
TR 72L50-730 SC BP CL1 FD W9 L60E	LED		14,8	96643971
Thor L, Lateral mounting, opal dome, narrow road optic				
TR 48L50-740 NR BP CL1 OP W9 L60E	LED		14,2	96643918
TR 48L50-730 NR BP CL1 OP W9 L60E	LED		14,2	96643920
TR 72L50-740 NR BP CL1 OP W9 L60E	LED		14,6	96643928
TR 72L50-730 NR BP CL1 OP W9 L60E	LED		14,6	96643930
Thor L, Lateral mounting, opal dome, street comfort optic				
TR 48L50-740 SC BP CL1 OP W9 L60E	LED		14,2	96643919
TR 48L50-730 SC BP CL1 OP W9 L60E	LED		14,2	96643921
TR 72L50-740 SC BP CL1 OP W9 L60E	LED		14,6	96643929
TR 72L50-730 SC BP CL1 OP W9 L60E	LED		14,6	96643931