R2L2

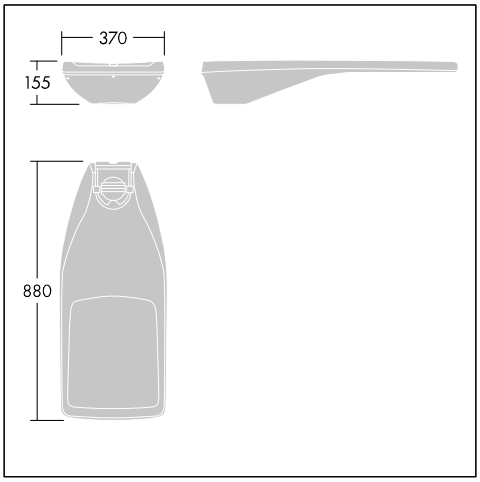
A complete road lantern family at the forefront of LED technology to offer excellent lighting performance and cover all applications

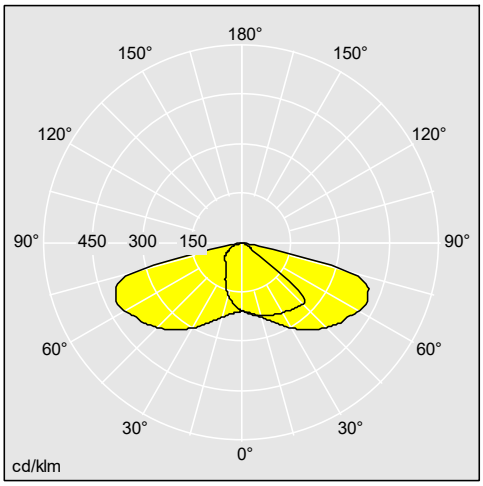


- Comprehensive range available in three sizes with extensive optical, lumen and light distribution choice for all road applications
- Efficient (up to 153lm/W) R-PEC optic offering 15 types of light distribution for precise light placement with no waste light
- Maximises energy savings with a wide range of intelligent lighting control solutions from stand alone dimming to fully remote control via central monitoring system
- Attractive, universal and integrated spigot offering flexibility through top and side entry as well as tilt adjustment

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







96266446

Material/Finish

Housing, canopies, spigot: die-cast aluminium with light grey 150 sanded textured (close to RAL9006)
Glass: 4mm thick (XS: 5mm thick)
Screws: stainless steel

Powder coating texturised light grey as standard. Other RAL or AKZO colours available on request. Other special treatment on request.

Installation/Mounting

Post-top mounting: Ø60-76mm
Side-entry mounting: Ø48-60mm or Ø32-42-48-60mm (CL1 as standard)
Operating temperature: -25°C < Ta < +35°C
Suitable for use up to +50°C through the use of heat regulation system
Recommended mounting height: 4m to 14m
Adjustable tilt angle side: 0°/ -5°/ -10°/ -15°
Adjustable tilt angle top 0°/ +5°/ +10°

ENEC, IP66, IK08, Beam_Post top_2, Beam_Bracket_1, Beam_eControl_A, SC1, SC2, CE, RCM, EAC, Ta=35°C, Ta=50°C

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R2L2

Specification

To specify state:
Three sizes with extensive optical, lumen and light distribution choice for all road applications. Efficient (up to 153lm/W) R-PEC optic with 15 light distributions for precise light placement with minimum waste light. Wide range of intelligent lighting control solutions from stand alone dimming to fully remote control via central monitoring system. Attractive, universal and integrated spigot offering flexibility through top and side entry as well as tilt adjustment up to 15°. Easy to fit back and front louvres which can be fitted retrospectively for extra light control and comfort. Four spare parts defined: canopy, glass enclosure, gear tray incl. driver, LED cover (incl. LED module and lenses).
As Thorn R2L2.

Ordering Guide

Description	ILCOS Code	Socket	Wt (kg)	SAP Code
R2L2 Extra small, Narrow road optic				
RX 12L35-740 NR BS 3550 CL1 GY	LED		7,4	96631829
RX 12L50-740 NR BS 3550 CL1 GY	LED		7,4	96631830
RX 12L70-740 NR BS 3550 CL1 GY	LED		7,4	96631831
RX 12L105-740 NR BS 3550 CL1 GY	LED		7,4	96631832
RX 24L35-740 NR BS 3550 CL1 GY	LED		7,6	96631833
RX 24L50-740 NR BS 3550 CL1 GY	LED		7,6	96631834
RX 24L70-740 NR BS 3550 CL1 GY	LED		7,6	96631835
RX 24L105-740 NR BS 3550 CL1 GY	LED		7,6	96631836
RX 36L35-740 NR BS 3550 CL1 GY	LED		7,7	96631837
RX 36L50-740 NR BS 3550 CL1 GY	LED		7,7	96631838
RX 36L70-740 NR BS 3550 CL1 GY	LED		7,7	96631839
RX 36L105-740 NR BS 3550 CL1 GY	LED		7,7	96631841
R2L2 Small, Narrow road optic				
R2L2 S 48L50 740 NR CL1 GY	LED		9,56	96266286
R2L2 S 48L70 740 NR CL1 GY	LED		9,97	96266347
R2L2 S 12L35 740 NR CL1 GY	LED		9,08	96268397
R2L2 S 12L50 740 NR CL1 GY	LED		9,08	96268405
R2L2 S 12L70 740 NR CL1 GY	LED		9,08	96268418
R2L2 S 24L35 740 NR CL1 GY	LED		9,54	96268430
R2L2 S 24L50 740 NR CL1 GY	LED		9,54	96268440
R2L2 S 24L70 740 NR CL1 GY	LED		9,54	96268453
R2L2 S 36L35 740 NR CL1 GY	LED		9,51	96268464
R2L2 S 36L50 740 NR CL1 GY	LED		9,51	96268474
R2L2 S 36L70 740 NR CL1 GY	LED		9,51	96268487
R2L2 S 48L35 740 NR CL1 GY	LED		9,56	96268498
R2L2 Small, Wide street optic				
R2L2 S 48L50 740 WS CL1 GY	LED		9,56	96266314
R2L2 S 48L70 740 WS CL1 GY	LED		9,97	96266358
R2L2 S 12L35 740 WS CL1 GY	LED		9,08	96268401
R2L2 S 12L50 740 WS CL1 GY	LED		9,08	96268411
R2L2 S 12L70 740 WS CL1 GY	LED		9,08	96268425
R2L2 S 24L35-740 WS CL1 GY	LED		9,54	96268436
R2L2 S 24L50 740 WS CL1 GY	LED		9,54	96268446
R2L2 S 24L70 740 WS CL1 GY	LED		9,54	96268459
R2L2 S 36L35 740 WS CL1 GY	LED		9,51	96268470
R2L2 S 36L50 740 WS CL1 GY	LED		9,51	96268480

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R2L2

Description	ILCOS Code	Socket	Wt (kg)	SAP Code
R2L2 S 36L70 740 WS CL1 GY	LED		9,51	96268493
R2L2 S 48L35 740 WS CL1 GY	LED		9,56	96268504
R2L2 Small, Wide street optic, configured products				
R2L2 S 24L50 740 WS N3 CL1 GY	LED		9,66	96268448
R2L2 S 12L35 740 WS CLO PM CL1 GY	LED		9,16	96272499
R2L2 Small, Wide street comfort optic				
R2L2 S 48L50 740 WSC CL1 GY	LED		9,56	96266324
R2L2 S 48L70 740 WSC CL1 GY	LED		9,97	96266369
R2L2 S 12L35 740 WSC CL1 GY	LED		9,08	96268402
R2L2 S 12L50 740 WSC CL1 GY	LED		9,08	96268414
R2L2 S 12L70 740 WSC CL1 GY	LED		9,08	96268426
R2L2 S 24L35 740 WSC CL1 GY	LED		9,54	96268437
R2L2 S 24L50 740 WSC CL1 GY	LED		9,54	96268449
R2L2 S 24L70 740 WSC CL1 GY	LED		9,54	96268460
R2L2 S 36L35 740 WSC CL1 GY	LED		9,51	96268471
R2L2 S 36L50 740 WSC CL1 GY	LED		9,51	96268483
R2L2 S 36L70 740 WSC CL1 GY	LED		9,51	96268494
R2L2 S 48L35 740 WSC CL1 GY	LED		9,56	96268505
R2L2 Small, Wet road optic				
R2L2 S 12L35 740 RWT CL1 GY	LED		9,08	96268399
R2L2 S 12L50 740 RWT CL1 GY	LED		9,08	96268409
R2L2 S 12L70 740 RWT CL1 GY	LED		9,08	96268422
R2L2 S 24L35 740 RWT CL1 GY	LED		9,54	96268433
R2L2 S 24L50 740 RWT CL1 GY	LED		9,54	96268444
R2L2 S 24L70 740 RWT CL1 GY	LED		9,54	96268456
R2L2 S 36L35 740 RWT CL1 GY	LED		9,51	96268467
R2L2 S 36L50 740 RWT CL1 GY	LED		9,51	96268478
R2L2 S 36L70 740 RWT CL1 GY	LED		9,51	96268490
R2L2 S 48L35 740 RWT CL1 GY	LED		9,56	96268501
R2L2 S 48L50 740 RWT CL1 GY	LED		9,56	96268510
R2L2 S 48L70 740 RWT CL1 GY	LED		9,97	96268517
R2L2 Small, Road comfort optic				
R2L2 S 48L50 740 RC CL1 GY	LED		9,56	96266298
R2L2 S 48L70 740 RC CL1 GY	LED		9,97	96266353
R2L2 S 12L35 740 RC CL1 GY	LED		9,08	96268398
R2L2 S 12L50 740 RC CL1 GY	LED		9,08	96268406
R2L2 S 12L70 740 RC CL1 GY	LED		9,08	96268420
R2L2 S 24L35 740 RC CL1 GY	LED		9,54	96268431
R2L2 S 24L50 740 RC CL1 GY	LED		9,54	96268441
R2L2 S 24L70 740 RC CL1 GY	LED		9,54	96268454
R2L2 S 36L35 740 RC CL1 GY	LED		9,51	96268465
R2L2 S 36L50 740 RC CL1 GY	LED		9,51	96268475
R2L2 S 36L70 740 RC CL1 GY	LED		9,51	96268488
R2L2 S 48L35 740 RC CL1 GY	LED		9,56	96268499

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R2L2

Description	ILCOS Code	Socket	Wt (kg)	SAP Code
R2L2 Small, Wide road optic				
R2L2 S 48L50 740 WR CL1 GY	LED		9,56	96266308
R2L2 S 48L70 740 WR CL1 GY	LED		9,97	96266356
R2L2 S 12L35 740 WR CL1 GY	LED		9,08	96268400
R2L2 S 12L50 740 WR CL1 GY	LED		9,08	96268410
R2L2 S 12L70 740 WR CL1 GY	LED		9,08	96268423
R2L2 S 24L35 740 WR CL1 GY	LED		9,54	96268434
R2L2 S 24L50 740 WR CL1 GY	LED		9,54	96268445
R2L2 S 24L70 740 WR CL1 GY	LED		9,54	96268457
R2L2 S 36L35 740 WR CL1 GY	LED		9,51	96268468
R2L2 S 36L50 740 WR CL1 GY	LED		9,51	96268479
R2L2 S 36L70 740 WR CL1 GY	LED		9,51	96268491
R2L2 S 48L35 740 WR CL1 GY	LED		9,56	96268502
R2L2 Small, Extra wide street optic				
R2L2 S 12L35 740 EWS CL1 GY	LED		9,08	96268395
R2L2 S 12L50 740 EWS CL1 GY	LED		9,08	96268403
R2L2 S 12L70 740 EWS CL1 GY	LED		9,08	96268415
R2L2 S 24L35 740 EWS CL1 GY	LED		9,54	96268427
R2L2 S 24L50 740 EWS CL1 GY	LED		9,54	96268438
R2L2 S 24L70 740 EWS CL1 GY	LED		9,54	96268450
R2L2 S 36L35 740 EWS CL1 GY	LED		9,51	96268461
R2L2 S 36L50 740 EWS CL1 GY	LED		9,51	96268472
R2L2 S 36L70 740 EWS CL1 GY	LED		9,51	96268484
R2L2 S 48L35 740 EWS CL1 GY	LED		9,56	96268495
R2L2 S 48L50 740 EWS CL1 GY	LED		9,56	96268506
R2L2 S 48L70 740 EWS CL1 GY	LED		9,97	96268513
R2L2 Small, Extra wide street comfort optic				
R2L2 S 12L35 740 EWC CL1 GY	LED		9,08	96268396
R2L2 S 12L50 740 EWC CL1 GY	LED		9,08	96268404
R2L2 S 12L70 740 EWC CL1 GY	LED		9,08	96268416
R2L2 S 24L35 740 EWC CL1 GY	LED		9,54	96268428
R2L2 S 24L50 740 EWC CL1 GY	LED		9,54	96268439
R2L2 S 24L70 740 EWC CL1 GY	LED		9,54	96268451
R2L2 S 36L35 740 EWC CL1 GY	LED		9,51	96268462
R2L2 S 36L50 740 EWC CL1 GY	LED		9,51	96268473
R2L2 S 36L70 740 EWC CL1 GY	LED		9,51	96268485
R2L2 S 48L35 740 EWC CL1 GY	LED		9,56	96268496
R2L2 S 48L50 740 EWC CL1 GY	LED		9,56	96268507
R2L2 S 48L70 740 EWC CL1 GY	LED		9,97	96268514
R2L2 Medium, Narrow road optic				
R2L2 M 60L50 740 NR CL1 GY	LED		13,26	96266416
R2L2 M 72L50 740 NR CL1 GY	LED		13,24	96266504
R2L2 M 84L50 740 NR CL1 GY	LED		13,29	96266607
R2L2 M 96L70 740 NR CL1 GY	LED		14,45	96266760
R2L2 M 60L35 740 NR CL1 GY	LED		12,86	96268295
R2L2 M 72L35 740 NR CL1 GY	LED		12,83	96268324

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R2L2

Description	ILCOS Code	Socket	Wt (kg)	SAP Code
R2L2 M 96L90 740 NR CL1 GY	LED		14,5	96274635
R2L2 M 60L35-740 NR BS 3550 CL1 GY	LED		13,4	96630708
R2L2 M 60L50-740 NR BS 3550 CL1 GY	LED		13,4	96630709
R2L2 M 60L70-740 NR BS 3550 CL1 GY	LED		13,4	96630710
R2L2 M 72L35-740 NR BS 3550 CL1 GY	LED		13,4	96630711
R2L2 M 72L50-740 NR BS 3550 CL1 GY	LED		13,4	96630712
R2L2 M 72L70-740 NR BS 3550 CL1 GY	LED		13,4	96630713
R2L2 M 84L35-740 NR BS 3550 CL1 GY	LED		13,41	96630714
R2L2 M 84L50-740 NR BS 3550 CL1 GY	LED		13,41	96630715
R2L2 M 84L70-740 NR BS 3550 CL1 GY	LED		13,41	96630716
R2L2 M 96L35-740 NR BS 3550 CL1 GY	LED		13,635	96630717
R2L2 M 96L50-740 NR BS 3550 CL1 GY	LED		13,635	96630718
R2L2 M 96L70-740 NR BS 3550 CL1 GY	LED		13,635	96630719
R2L2 M 96L90-740 NR BS 3550 CL1 GY	LED		13,635	96630720
R2L2 Medium, Wide street optic				
R2L2 M 60L50 740 WS CL1 GY	LED		13,26	96266432
R2L2 M 60L70 740 WS CL1 GY	LED		13,26	96266466
R2L2 M 72L50 740 WS CL1 GY	LED		13,24	96266523
R2L2 M 84L50 740 WS CL1 GY	LED		13,29	96266635
R2L2 M 84L70 740 WS CL1 GY	LED		13,58	96266671
R2L2 M 96L35 740 WS CL1 GY	LED		13,34	96266705
R2L2 M 96L70 740 WS CL1 GY	LED		14,45	96266779
R2L2 M 60L35 740 WS CL1 GY	LED		12,86	96268303
R2L2 M 72L35 740 WS CL1 GY	LED		12,83	96268332
R2L2 Medium, Wide street comfort optic				
R2L2 M 96L35 740 WSC CL1 GY	LED		13,34	96266713
R2L2 Medium, Wet road optic				
R2L2 M 60L50 740 RWT CL1 GY	LED		13,26	96268309
R2L2 M 96L50 740 RWT CL1 GY	LED		13,64	96268385
R2L2 Medium, Road comfort optic				
R2L2 M 60L50 740 RC CL1 GY	LED		13,26	96266419
R2L2 M 60L70 740 RC CL1 GY	LED		13,26	96266453
R2L2 M 84L50 740 RC CL1 GY	LED		13,29	96266615
R2L2 M 96L35 740 RC CL1 GY	LED		13,34	96266692
R2L2 M 96L70 740 RC CL1 GY	LED		14,45	96266763
R2L2 M 60L35 740 RC CL1 GY	LED		12,86	96268297
R2L2 M 72L35 740 RC CL1 GY	LED		12,83	96268326
R2L2 Medium, Wide road optic				
R2L2 M 60L70 740 WR CL1 GY	LED		13,26	96266458
R2L2 M 72L50 740 WR CL1 GY	LED		13,24	96266515
R2L2 M 84L50 740 WR CL1 GY	LED		13,29	96266627
R2L2 M 96L70 740 WR CL1 GY	LED		14,45	96266770
R2L2 M 60L35 740 WR CL1 GY	LED		12,86	96268301
R2L2 M 72L35 740 WR CL1 GY	LED		12,83	96268330
R2L2 M 96L90 740 WR CL1 GY	LED		14,5	96274639

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R2L2

Description	ILCOS Code	Socket	Wt (kg)	SAP Code
R2L2 Medium, Extra wide street optic				
R2L2 M 60L35 740 EWS CL1 GY	LED		12,858	96268291
R2L2 M 60L50 740 EWS CL1 GY	LED		13,263	96268305
R2L2 M 60L70 740 EWS CL1 GY	LED		13,263	96268312
R2L2 M 72L35 740 EWS CL1 GY	LED		12,831	96268320
R2L2 M 72L50 740 EWS CL1 GY	LED		13,236	96268334
R2L2 M 84L70 740 EWS CL1 GY	LED		13,582	96268365
R2L2 M 96L35 740 EWS CL1 GY	LED		13,342	96268373
R2L2 M 96L70 740 EWS CL1 GY	LED		14,445	96268388
R2L2 M 96L90 740 EWS CL1 GY	LED		14,5	96274632
R2L2 Medium, Extra wide road optic, configured products				
R2L2 M 96L90 740 EWR CL1 GY	LED		14,5	96274631
R2L2 Attachments				
R2L2 S PAIR OF LOUVRES			0,45	96268850
R2L2 M PAIR OF LOUVRES			0,44	96268851
RX IK10			0,1	96631361
RX Louvre front / back / side			0,1	96631362
R2L2 Brackets				
R2L2 BRA MWA 0,50M GRY UK			8	96629819
R2L2 BRAX1 MA60 0,80M GRY UK			0	96629820
R2L2 BRAX1 MA76 0,80M GRY UK			1,6	96629821
R2L2 BRAX2 MA60 0,80M GRY UK			0	96629822
R2L2 BRAX2 MA76 0,80M GRY UK			2,65	96629823

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