

THORN

Cesar

Versatile and contemporary architectural floodlight with extensive wall applications





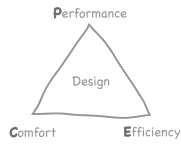
applications

The Cesar range offers architects and consultants an approach to exterior lighting that combines creative possibilities with practical benefits

Wide range of applications

The Cesar range is highly flexible, designed in aluminium for durability, and is dust tight and waterproof. It offers excellent photometric performance and, with its extensive range of light sources, lenses and reflectors including adjustable versions, it offers designers and architects an almost infinite choice of effects combined with valuable benefits. For greater versatility the dual light emission in sizes 3 and 4 can operate independently. Typical applications include building façades, pedestrian areas such as paths and pavements, porches, columns and balconies.





Version available using LED technology

LED sources are emerging as real challenges to traditional technologies. LEDs are compact, inherently rugged and highly energy efficient, with long operating lifetimes. They produce little heat and no UV radiation and operate at very low power, making them ideal for public environments and use close to sensitive displays such as works of art. LED technology is also instant, dimmable and available in a range of colours as well as white light. As well as energy savings, LEDs further benefit the environment by requiring fewer raw materials, and no mercury, during manufacture.





LED version (size 1 only)



Frosted glass (attachment)



Adjustable lamp position



Red colour filter (attachment)

Cesar's simple, cylindrical style, available in four sizes, offers a choice of adjustable light sources and superior highlighting

wide range of versions

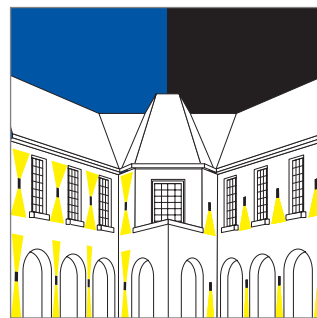
All models are available with either downward or up/down illumination and a wide range of light sources

- By day, Cesar adds to the style and ambience of its surroundings. It has a modernistic, cylindrical design that is particularly well-suited to the high tech theme of today's architectural developments
- By night, Cesar comes into its own, adding safety, security and a new aesthetic dimension to its context. It can emphasise with drama or subtlety, the features of fine architecture.
- Strong, die-cast aluminium construction combines understated elegance with high durability
- Stainless steel screws promote additional resistance and easy maintenance
- IP65 protection
- Other RAL colours available on request
- Range of lamp types, lenses and wattages optimise light output and save energy
- Delivered with integral gear
- Safe and simple installation using a single tool
- Automatic connection reduces installation time and cost
- Double lamp versions available with independent electric circuits provide energy savings and help to control obtrusive light

lighting effects

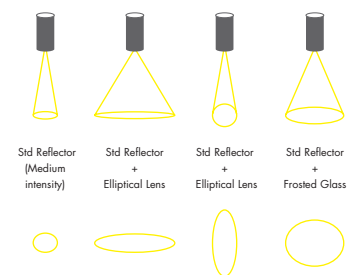
- Adjustable lamp positioning (except for TC-TEL models) enhances versatility
- Intensive and semi-intensive reflectors combine excellent photometric performance with choice of beam angles, for creative effects (intensive reflectors and ellipsoidal lens as custom)

With one luminaire you can obtain both up and down light distributions. During busy periods you would use the dual light emission but later at night you can switch to down light only to prevent obtrusive light.



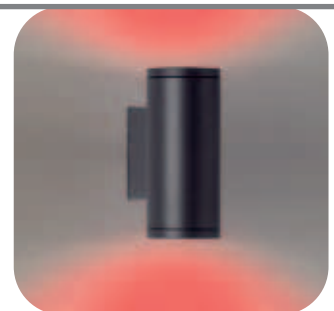
By dusk

By night



colour filters

- Colour effects can be created using the LED version of Size 1. Colours available include red, green, blue, yellow and white (6000K)
- All other sizes offer colour filter attachments in red, green, blue and yellow
- Frosted glass attachment available for diffused light



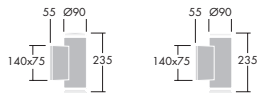
Ordering guide

Dimensions

Data



Size 1

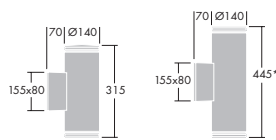


Down version

Up/down version



Size 2



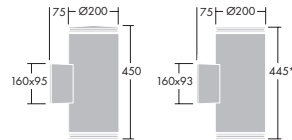
Down version

Up/down version

* 310 - QPAR 30



Size 3



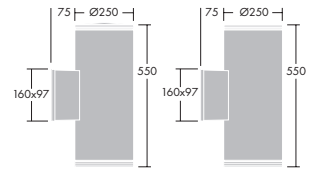
Down version

Up/down version

* 560 - 70W HST



Size 4

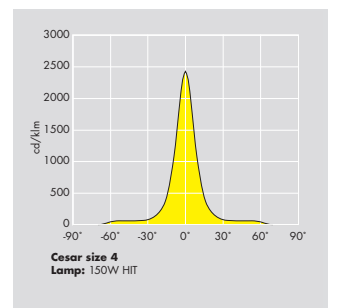
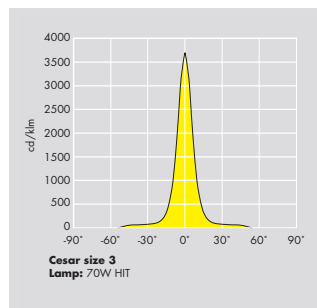
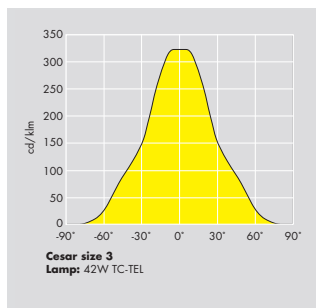
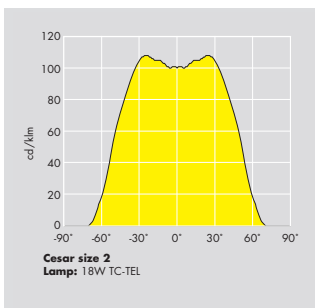
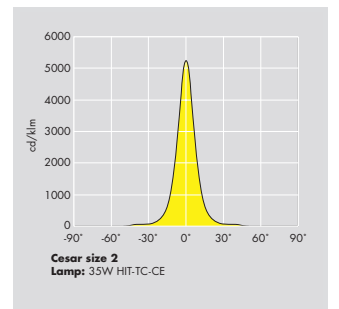
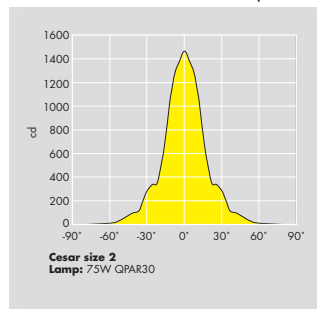
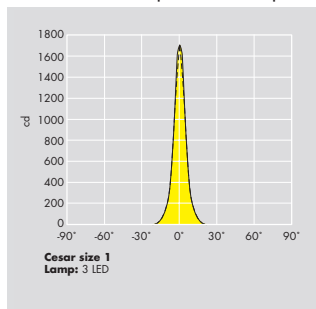
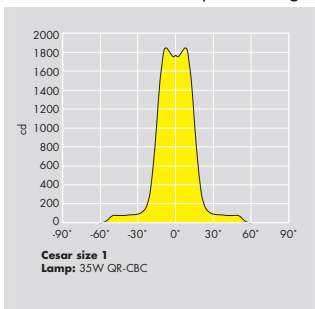


Down version








Up/down version

Photometrics

For up/downlight versions, the same photometric performance is offered on both lamp sides



Lamps

-  3W LEDS (size 1 only)
-  35W, QR-CBC (HRG)
Halogen. Cap: GU5.3
-  75W, QPAR30 (HAPAR)
Halogen. Cap: E27
-  18-42W, TC-TEL (FSM)
compact fluorescent. Cap:
GX24q2/3/4
-  35W, HIT-TC-CE (MT) metal
halide. Cap: G8.5
-  70-150W, HIT (MT) metal
halide. Cap: G12
-  70W, HST (ST) high
pressure sodium. Cap: E27

Materials/Finish

Body and frame: die-cast aluminium EN AB4700 and extruded ENAW 6060 housing (copper free) with high corrosion resistance and powdered painted close to RAL 9007 with corrosion resistance.

Reflector: pure aluminium
Front glass: toughened glass, thickness 6mm - size 1, 8mm - size 2 and 3, 12mm - size 4.

Retaining screws: stainless steel INOX

Gasket: silicone

Installation/Mounting

Suitable for exterior wall mounting. Fast connectors for electrical connection, cable diameters, size 1 min: 8mm, max: 12mm, size 2, 3 and 4 min: 6mm, max: 12mm.

Standards

Designed and manufactured to comply with EN 60598

Ⓢ Class I electrical
IK 08  IP65 

Specification

To specify state:

Contemporary wall mounted floodlight for 3W LED/35W QR-CBC/75W QPAR30 Halogen 18-42W TC-TEL/35W HIT-TC-CE/70-150W HIT and 70W HST, in 4 sizes, IP65 protected, gear integrated, optional colour filters, frosted glass or louvre available as accessories.

As Thorn Cesar

Ordering Guide Lamps to be ordered separately (except LED)

Description	Ilcos Code	Socket	Wt (kg)	SAP Code
Cesar size 1 LED versions - Downlight				
CESAR 1 1X3W 230/240V 3LED WHI	NA	NA	1.7	96231435
CESAR 1 1X3W 230/240V 3LED BLU	NA	NA	1.7	96231436
CESAR 1 1X3W 230/240V 3LED GRN	NA	NA	1.7	96231437
CESAR 1 1X3W 230/240V 3LED RED	NA	NA	1.7	96231438
CESAR 1 1X3W 230/240V 3LED YEL	NA	NA	1.7	96231439

Cesar size 1 LED versions - Up/Downlight				
CESAR 1 2X3W 230/240V 3LED WHI	NA	NA	1.9	96231452
CESAR 1 2X3W 230/240V 3LED BLU	NA	NA	1.9	96231453
CESAR 1 2X3W 230/240V 3LED GRN	NA	NA	1.9	96231454
CESAR 1 2X3W 230/240V 3LED RED	NA	NA	1.9	96231455
CESAR 1 2X3W 230/240V 3LED YEL	NA	NA	1.9	96231456

Cesar size 1 - Downlight				
CESAR 1 1x35W 12V QR-CBC51/GU5,3	HRG	GU5.3	1.8	96231434

Cesar size 1 - Up/Downlight				
CESAR 1 2X35W 12V QR-CBC51/GU5,3	HRG	GU5.3	2.0	96231451

Cesar size 2 - Downlight				
CESAR 2 1X75W 230/240V QPAR30/E27	HAPAR	E27	2.1	96231462
CESAR 2 1X18W 230/240V TC-TEL/GX24-q2	FSM	GX24-q2	3.2	96231463
CESAR 2 1X35W 230/240V HIT-TC-CE/G8,5	MT	G8.5	4.3	96231464






















Cesar size 2 - Up/Downlight				
CESAR 2 2X75W 230/240V QPAR30/E27	HAPAR	E27	3.8	96231465
CESAR 2 2X18W 230/240V TC-TEL/GX24-q2	FSM	GX24-q2	4.4	96231466
CESAR 2 2X35W 230/240V HIT-TC-CE/G8,5	MT	G8.5	6.9	96231467

Cesar size 3 - Downlight				
CESAR 3 1X26/42W 230/240 TC-TEL/GX24q-3/4	FSM	GX24q-3/4	7.3	96231474
CESAR 3 1X70W 230/240 HIT/G12	MT	G12	8.7	96231475
CESAR 3 1X70W 230/240 HST/E27	STH	E27	8.7	96231476

Cesar size 3 - Up/Downlight				
CESAR 3 2X26/42W 230/240 TC-TEL/GX24q-3/4	FSM	GX24q-3/4	8.6	96231477
CESAR 3 2X70W 230/240 HIT/G12	MT	G12	11.7	96231478
CESAR 3 2X70W 230/240 HST/E27	STH	E27	12.6	96231479

Cesar size 4 - Downlight				
CESAR 4 1X150W HIT/G12	MT	G12	14.3	96231490

Cesar size 4 - Up/Downlight				
CESAR 4 2X150W HIT/G12	MT	G12	19.9	96231493

Accessories				
CESAR 1 FILTER BLU		SIZE 1 BLUE FILTER	0.1	96231457
CESAR 1 FILTER GRN		SIZE 1 GREEN FILTER	0.1	96231458
CESAR 1 FILTER RED		SIZE 1 RED FILTER	0.1	96231459
CESAR 1 FILTER YEL		SIZE 1 YELLOW FILTER	0.1	96231460
CESAR 1 FILTER FR		SIZE 1 FROSTED GLASS	0.1	96231461
CESAR 2 FILTER BLU		SIZE 2 BLUE FILTER	0.2	96231468
CESAR 2 FILTER GRN		SIZE 2 GREEN FILTER	0.2	96231469
CESAR 2 FILTER RED		SIZE 2 RED FILTER	0.2	96231470
CESAR 2 FILTER YEL		SIZE 2 YELLOW FILTER	0.2	96231471
CESAR 2 FILTER FR		SIZE 2 FROSTED GLASS	0.2	96231472
CESAR 3 FILTER BLU		SIZE 3 BLUE FILTER	0.2	96231480
CESAR 3 FILTER GRN		SIZE 3 GREEN FILTER	0.2	96231481
CESAR 3 FILTER RED		SIZE 3 RED FILTER	0.2	96231482
CESAR 3 FILTER YEL		SIZE 3 YELLOW FILTER	0.2	96231483
CESAR 3 FILTER FR		SIZE 3 FROSTED GLASS	0.2	96231484
CESAR 4 FILTER BLU		SIZE 4 BLUE FILTER	0.3	96231494
CESAR 4 FILTER GRN		SIZE 4 GREEN FILTER	0.3	96231495
CESAR 4 FILTER RED		SIZE 4 RED FILTER	0.3	96231496
CESAR 4 FILTER YEL		SIZE 4 YELLOW FILTER	0.3	96231497
CESAR 4 FILTER FR		SIZE 4 FROSTED GLASS	0.3	96231498
CESAR 3/4 LV ANTI GLARE		ANTI GLARE LOUVRE FOR SIZE 3/4	0.1	96231485

THORN

Lighting people and places

Thorn Lighting Main Offices

Head Office

Thorn Lighting Holdings Limited,
Silver Screens, Elstree Way, Borehamwood,
Hertfordshire, WD6 1FE, UK
Tel: (44) 20 8732 9800
Fax: (44) 20 8732 9801
E-mail: info@thornlight.com
Website: www.thornlighting.com

Australia

Thorn Lighting Pty Limited, 13 Cooper Street,
P O Box 188, Smithfield, NSW 2164, Australia
Tel: (61) 2 9604 4300
Fax: (61) 2 9604 4588
E-mail: info@thornlight.com.au
Website: www.thornlight.com.au

Thorn DNT Airfield Lighting Pty Limited, P O Box 548,
Unit 2, 7-9 Newcastle Road, Bayswater, Melbourne,
Victoria 3153, Australia
Tel: (61) 3 9720 3233
Fax: (61) 3 9720 8233
E-mail: enquiries@thornlight.com.au
Website: www.thornairfield.com

Austria

Thorn Licht GmbH, Donau-City-Straße 11,
1220 Wien, Austria
Tel: (43) 1 202 66 11
Fax: (43) 1 202 66 11 12
E-mail: office@thorn.at

China

Thorn Lighting (Guangzhou) Operations Ltd.
Lian Yun Road
Eastern Section, GETDD,
Guangzhou 510760,
China
Tel: (86) 20 3228 2706
Fax: (86) 20 3228 1777
E-mail: gz.info@thorn.com.hk

Thorn Lighting (Tianjin) Co. Ltd.
332 Hongqi Road,
Tianjin 300190,
China
Tel: (86) 22 8369 2303
Fax: (86) 22 8369 2302
E-mail: tj.info@thorn.com.hk

Czech Republic

Thorn Lighting CS spol. s.r.o., Na Březince 6/930,
150 00 Praha 5
Tel: +420 224 315 252
Fax: +420 233 326 313
E-mail: thorn@thornlight.cz
Website: www.thornlight.cz

Denmark

Thorn Lighting A/S
Albuen 44, 6000 Kolding, Denmark
Tel: (45) 7696 3600
Fax: (45) 7696 3601
Website: www.thornlight.dk

Estonia

Thorn Lighting, Eesti Filiaal,
Tatari 23/25, EE-10116 Tallin, Estonia
Tel: (372) 656 3505
Fax: (372) 656 3227
E-mail: ando@thorn.ee

France

Thorn Europhane SA, 156 Boulevard Haussmann,
Cedex 08, Paris 75379, France
Tel: (33) 1 49 53 6262
Fax: (33) 1 49 53 6240
Website: www.thorn.fr
Thorn Airfield Lighting, 156 Boulevard Haussmann,
75379 Paris Cedex 08, France
Tel: (33) 1 49 53 62 62
Fax: (33) 1 49 53 62 89
E-mail: thornairfield@thorn.fr
Website: www.thornairfield.com

Hong Kong

Thorn Lighting (Hong Kong) Limited,
Unit 4301, Level 43, Tower 1, Metroplaza,
223 Hing Fong Road, Kwai Chung, N.T.,
Hong Kong,
China
Tel: (852) 2578 4303
Fax: (852) 2887 0247
E-mail: info@thorn.com.hk
Website: www.thorn.com.hk

Ireland

Thorn Lighting (Ireland) Limited,
320 Harold's Cross Road, Dublin 6W, Ireland
Tel: (353) 1 4922 877
Fax: (353) 1 4922 724
E-mail: enq.dublin@thornlight.com

Italy

Thorn Europhane Spa, Via G Di Vittorio, 2,
Cadrano di Granarolo, Bologna 40057, Italy
Tel: (39) 051 763391
Fax: (39) 051 763088
E-mail: info@thornlighting.it
Website: www.thornlighting.it

Latvia

Thorn Lighting, Representative Office,
Skolas Street 21-216, Riga LV 1010, Latvia
Tel: (37) 7 332 660
Fax: (37) 7 332 660

Lithuania

Thorn Lighting, Representative Office,
Kalvariju Street 1, Vilnius 09310, Lithuania
Tel: (370) 5 2 750 701
Fax: (370) 5 2 731 480

New Zealand

Thorn Lighting (NZ) Ltd, 399 Rosebank Road,
P O Box 71134, Rosebank, Auckland 7, New Zealand
Tel: (64) 9 828 7155
Fax: (64) 9 828 7591

Norway

Thorn Lighting AS, Industriveien 11, P O Box 63,
Skytta 1483, Norway
Tel: (47) 6706 2233
Fax: (47) 6706 0351
E-mail: s.kvernberg@thornlight.no

Poland

Thorn Lighting Polska Sp.z o.o., Ul. Gazowa 26A,
Wroclaw 50-513, Poland
Tel: (48) 71 7833 740
Fax: (48) 71 3366 029
E-mail: thorn@thornlight.pl
Website: www.thornlight.pl

Russia

Thorn Lighting, Novoslobodskaya Str., 21,
office 406 Business Center "Novoslobodskaya 21",
Moscow 103030, Russia
Tel: (7) 495 981 35 41
Fax: (7) 495 981 35 42
E-mail: office.moscow@thorn.ru
Website: www.thorn.ru

Thorn Lighting, Representative Office, Europa House,
1 Artilleriiskaya, St Petersburg 191104, Russia
Tel: (7) 812 718 8112
Fax: (7) 812 718 8119
E-mail: office.petersburg@thorn.ru
Website: www.thorn.ru

Singapore

Thorn Lighting (Singapore) Pte Ltd,
5 Kaki Bukit Crescent
04-02 Koyotech Building,
416238 Singapore
Singapore
Tel: (65) 6844 5800
Fax: (65) 6745 7707
E-mail: info@thornlight.com.sg
Website: www.thornlight.com.sg

Sweden

Thorn Lighting AB, Industrigatan, Box 305,
SE-261 23 Landskrona, Sweden
Tel: (46) 418 520 00
Fax: (46) 418 265 74
E-mail: thorn@thornlight.se
Website: www.thornlight.se

United Arab Emirates

Thorn Lighting Ltd Dubai, Al Shoala Building, Office 301,
Block E, PO Box 1200, Deira, Dubai, UAE
Tel: (971) 4 2940181
Fax: (971) 4 2948838
E-mail: thuae@emirates.net.ae

Thorn Gulf LLC, Al Shoala Building, Office 301/2,
Block E, PO Box 1200, Deira, Dubai, UAE
Tel: (971) 4 2948938
Fax: (971) 4 2948838
E-mail: thornng@emirates.net.ae

United Kingdom

Thorn Lighting Limited, Silver Screens, Elstree Way,
Borehamwood, Hertfordshire, WD6 1FE, UK
Tel: (44) 20 8732 9800
Fax: (44) 20 8732 9801
E-mail: brochures@thornlight.com
Website: www.thornlighting.co.uk

Thorn Airfield Lighting, Silver Screens, Elstree Way,
Borehamwood, Hertfordshire, WD6 1FE, UK
Tel: (44) 20 8732 9804
Fax: (44) 20 8732 9803
E-mail: airfield@thornlight.com or thornagluk@aol.com
Website: www.thornairfield.com

International Sales

Thorn Lighting Limited, 156 Boulevard Haussmann,
Cedex 08, Paris 75379, France
Tel: (33) 1 49 53 6262
Fax: (33) 1 49 53 6240

Thorn Lighting Limited, Silver Screens, Elstree Way,
Borehamwood, Hertfordshire, WD6 1FE, UK
Tel: (44) 20 8732 9802
Fax: (44) 20 8732 9803
E-mail: international.sales@thornlight.com

www.thornlighting.com

Thorn Lighting is constantly developing and improving its products. All descriptions, illustrations, drawings and specifications in this publication present only general particulars and shall not form part of any contract. The right is reserved to change specifications without prior notification or public announcement. All goods supplied by the company are supplied subject to the company's General Conditions of Sale, a copy of which is available on request. All measurements are in millimetres and weights in kilograms unless otherwise stated.

Publication No: 374(INT) Publication Date: 06/06