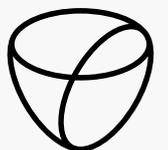


CSA FAMILY

THE NEW GENERATION



LTS

CONTINUITY & PERFECTION

20 YEARS OF RETAIL EXPERTISE
COMPLETELY RETHOUGHT

Good – better – CSA! It is the ceiling-recessed spotlight by LTS! 20 years ago, CSA initially conquered the luminaire market and has since then been an integral element of the tried and tested LTS premium spotlight range, always with the latest, revised models. The CSA spotlight now features a new “look and feel” and makes its big appearance particularly in the retail segment. Thanks to its three variants, the new and completely revised CSA can be used in all access areas, such as corridors and aisles, but also sales areas for merchandise presentation or peripheral areas for background and wall lighting. The new CSA spotlight offers the best light pattern that LTS has to offer in terms of premium ceiling-recessed spotlights: An optimised holistic system providing highest precision and efficiency.





CSA 40

THE FIXED ONE

CSA – EFFICIENCY AND INNOVATION

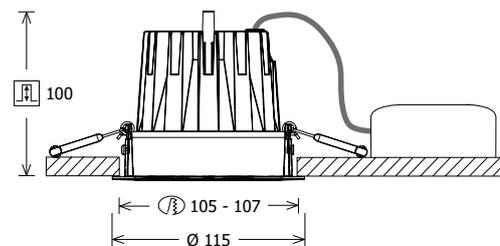
The CSA 40 is a rigid ceiling-recessed spotlight for static areas, such as corridors and aisles, that is suitable both for retail and shops and for applications in the office or hospitality sector.

The complete CSA efficiency update package includes the entire spotlight, that is the reflector, the LEDs and the integrated electronics. Looking at the light output, it becomes obvious that LTS has continuously improved the CSA and always ensured it is state of the art. The lumen values particularly underline the efficiency boost: 20 years ago, the light output was 56 lumen per watt, today the CSA achieves 135 lumen per watt. This corresponds to an increase in efficiency of 141 per cent! All in all, the CSA is rightly the top dog in the retail segment and deserves the first place in the world of stores.



	CSA-R 402	CSA-R 403	COLOURS
SYSTEM POWER	19,7 W *	27,1 W *	 black
BEAM ANGLE	SP, MF, FL, WF, OV		 white
LUMINOUS FLUX AT 4000 K	2550 - 2660 lm *	3360 - 3480 lm *	 silver
EFFICIENCY AT 4000 K	137 lm/W *	134 lm/W *	 RAL on demand
DALI	Optional	Optional	
CRI	90+	90+	
COLOUR TEMPERATURE	3000 K, 4000 K	3000 K, 4000 K	

* Maximum value



CSA FAMILY ONLINE



All information can be found at
www.lts-light.com/en/csa



CSA 50

THE MOVING ONE

CSA – MODERN DESIGN IN PREMIUM QUALITY

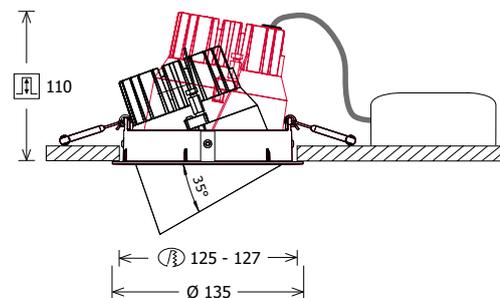
The CSA 50 can be swivelled through 35° with a beam angle of up to 50°. It provides accentuated wall lighting and can be used to create different spaces in the room and to highlight particular areas.

The CSA is a perfected all-rounder of proven LTS quality. Its updated appearance meets all modern shop requirements and architectural challenges. Both the look and feel appear softer and rounder. The CSA family of the latest generation now forms a harmonious visual entity. The simple design with the slim front ring makes for an unobtrusive appearance in the ceiling, which puts the presented goods in the perfect spotlight with a premium light pattern. A small black inner ring provides for additional, optimum glare control, reduces strain on the eyes and offers a pleasant atmosphere where its light shines.



	CSA-R 502	CSA-R 503	COLOURS
SYSTEM POWER	19,7 W *	27,1 W *	 black
BEAM ANGLE	SP, MF, FL, WF, OV		 white
LUMINOUS FLUX AT 4000 K	2550 - 2660 lm *	3360 - 3480 lm *	 silver
EFFICIENCY AT 4000 K	137 lm/W *	134 lm/W *	 RAL on demand
DALI	Optional	Optional	
CRI	90+	90+	
COLOUR TEMPERATURE	3000 K, 4000 K	3000 K, 4000 K	

* Maximum value



CSA FAMILY ONLINE



All information can be found at
www.lts-light.com/en/csa

34 % weight reduction
for more efficient transport

Material reduction
of 40 % thanks to
resource-saving design



Manufactured
in Europe

Minus 16 % packaging
made from renewable
raw materials

CSA 60 THE ADAPTABLE

CSA – SUSTAINABILITY AND ENVIRONMENTAL AWARENESS

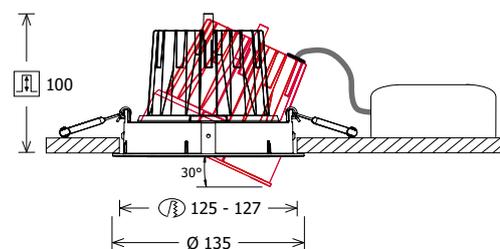
The CSA 60 can be rotated through 355° and tilted by 25°. It offers perfectly directed light which turns any room or showroom into the optimum stage and presentation area thanks to the flexible rotation and tilting.

The entire CSA luminaire body is lighter, which means it saves resources. During manufacturing, using less material has top priority. The spotlight appears as an “all-in-one” package, including the electronic ballasts. LTS Licht & Leuchten GmbH also attaches importance to plastic-free packaging and opts in favour of renewable resources for packaging. Given that the CSA is more compact than its predecessor, less and transport volume are now required. It was possible to reduce the packaging space by 0.7 l per spotlight. A real sustainability champion whose parts are produced in Europe and which is assembled exclusively in southern Germany complying with very strict quality standards. This is good both for our and your CO2 footprint.



	CSA-R 602	CSA-R 603	COLOURS
SYSTEM POWER	19,7 W *	27,1 W *	 black
BEAM ANGLE	SP, MF, FL, WF, OV		 white
LUMINOUS FLUX AT 4000 K	2550 - 2660 lm *	3360 - 3480 lm *	 silver
EFFICIENCY AT 4000 K	137 lm/W *	134 lm/W *	 RAL on demand
DALI	Optional	Optional	
CRI	90+	90+	
COLOUR TEMPERATURE	3000 K, 4000 K	3000 K, 4000 K	

* Maximum value



CSA FAMILY ONLINE



All information can be found at
www.lts-light.com/en/csa

PRECISE DIRECTION OF LIGHT NEW OPTIMIZED REFLECTORS

- Perfectly adapted to the newest generation of LED
- Developed and manufactured in-house in Southern Germany
- 141 % increase in efficiency



NEW – OVAL REFLECTOR

A special oval reflector that creates an oval light pattern has now been added to the CSA family. The so-called sculpture reflector offers an oval directed light beam that is ideal: It vertically stages mannequins and horizontally illuminates wall racks or walls. The light beam extends to a 40-degree angle in one direction and a 60-degree angle in the other direction. As a result, you can save money because you need fewer luminaires and you can save electricity during the use phase. This innovative reflector has been conceived, optimised and further developed in the in-house LTS research and development department and is manufactured exclusively in southern Germany.



SPOT



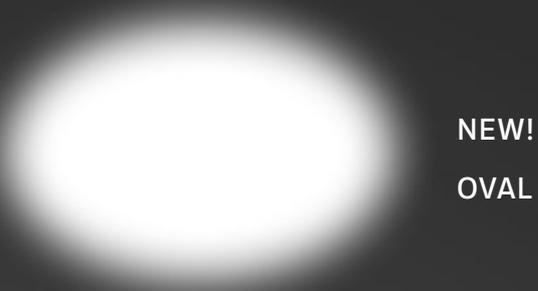
MIDDLE FLOOD



FLOOD



WIDE FLOOD



NEW!
OVAL



CSA VIDEO



www.lts-light.com/en/csa-video



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