

ARCHITECTURAL

# HALLED

hidden efficiency



## Universal Light Fixture for ACOUSTICAL SHELL ENCLOSURES ... and many more.

The Halled Solutions are specifically designed for use in any kind of Orchestra Shells and Theatres, House Lightings and not only. The Halled is made with lightweight rustproof Aluminum compact housing, offering many possibilities of application. The design can be adapted for different situations, granting a perfect interaction with people, expensive instruments and nearby stage equipment.

High efficiency, long lasting, innovative white light source, with separate power supply available with Dali or DMX control.

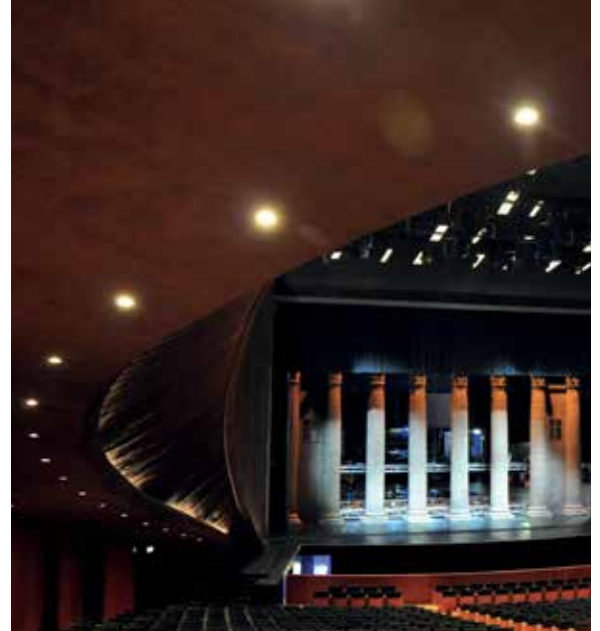
A family of recessed LED luminaires - 12.000 lumens produced by 90W setting - with 133 L/W white COB LED, available in many colour temperatures (2700, 3000, 4000, 5600K) and beam angles (12°, 29°, 46°, 72°, ) with CRI up to 97.

Ideal for installations where absolute silence, energy saving, low maintenance and cost reduction are key factors: Orchestra Shell, House lighting, Working light, Shop windows, Malls, Museums, Exhibitions, Art Galleries and Rental Companies, but also: TV studios, Cinemas, Theatres and many others.

The Halled can be customized with your RAL powder-coat paint, different bezel, clips, yokes and fixing solutions to properly finish the ceiling appearance from below.

### Features

- > Designed for any kind of Orchestra Shell applications and House Lighting
- > High Output Bridgelux 200W COB LED Light Engines up to 12.000 lumens produced by 90 watt setting 133 L/W
- > COB with reflector for uniform light beam output in order generating just one shadow in faces and objects
- > Classical Orchestra venue quiet with no buzzing or detectable RFI thanks to natural heating dissipation (no fans)
- > Musician and Instruments comfortable - No dangerous UV or IR rays - Safe Lighting
- > Choice of beam spread options - 12, 29, 46 and 72 degree
- > Choice of Color Temperature Options 2700K, 3000K, 4000K, 5600K
- > Extra-long life Color and Glare Control Options with any colored filters thanks to the cold and clean light beam
- > Ceiling mounting, Fixing Springs and customized solutions for standalone beam positioning
- > The rustproof Aluminum housing is compact, lightweight and No tools needed for adjustments
- > Energy efficient and LEED certification friendly
- > Light output higher than the usual halogen lamps, with energy saving and less heat production
- > Long life, low maintenance and nearly 75% saving on mains power consumption if compared to an equally-performing conventional fixture
- > Separate power supply unit with oversized LED driver for DALI or DMX control and possibility of selecting the linear or logarithmic curve
- > Reduced installation, Maintenance and cabling costs thanks to the In&Out chain connection system both for power mains and DMX/DALI data control
- > 100% smooth dimming down to zero by 16bit DMX512 without visible stepping, flash or flicker
- > Flicker-free mode with adjustable PWM LED frequency up to 20.000 Hz, for best use with cameras
- > Constant Color Temperature CCT during the whole dimming curve
- > Supports USITT DMX512-A control (ANSI E1.11)
- > Each fixture individually addressable and controllable, selectable dimming curve
- > Supports RDM remote fixture address, onboard monitoring and status reporting over DMX512 Networks (ANSI E1.20)
- > Compatible with DALI Lighting Solutions
- > MVOLT - Compatible with 100 -240 VAC 50/60 Hz electric service
- > Five-year warranty on the availability of spare parts and components, Three-year warranty for any defect resulting from faulty materials
- > CE listed and labeled, RoHS compliant and IP20 rated



### OUTPUT LUMENS FOR 3000K VERSION

Angle	55W		90W	
	CRI 90	CRI 97	CRI 90	CRI 97
12	6.975	6.231	10.841	9.411
29	6.375	5.695	9.908	8.601
46	6.150	5.494	9.559	8.298
72	7.050	6.298	10.958	9.512

Special versions over 90W at request





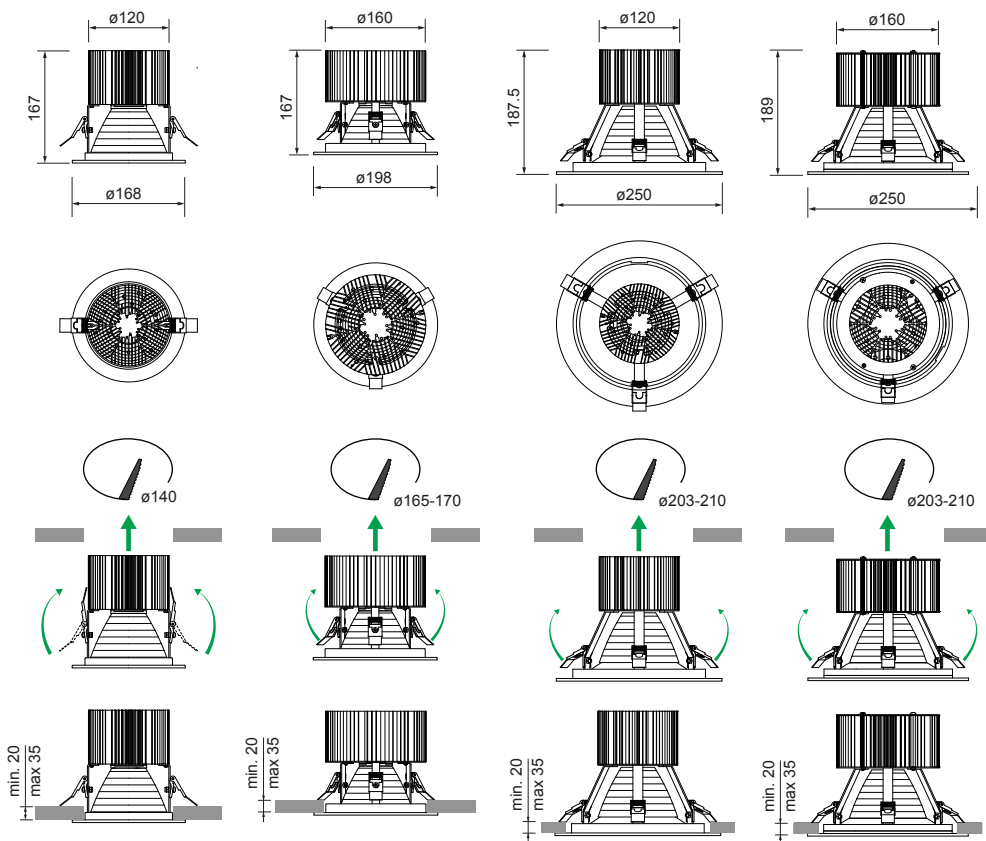
**SPOTLIGHT**  
professional lighting for the performing arts

**HALLED 55**  
Weight 1,1 kg

**HALLED 90**  
Weight 2 kg

**HALLED 55 XL**  
Weight 1,4 kg

**HALLED 90 XL**  
Weight 2,2 kg

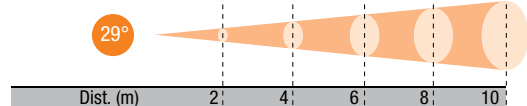


**OPTION (on request)**

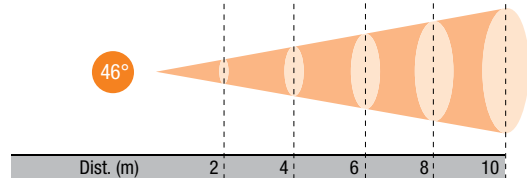
- black
- white
- real silver
- RAL colours on request

**PHOTOMETRIC DATA - 55W**

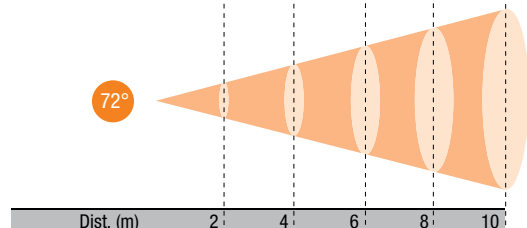
5600K	Lux	4.132	1.033	459	258	165
4000K	Lux	3.853	963	428	241	154
3000K	Lux	3.768	942	419	236	151
	∅ (m)	1,0	2,1	3,1	4,1	5,2



5600K	Lux	2.601	650	289	163	104
4000K	Lux	2.425	606	269	152	97
3000K	Lux	2.372	593	264	148	95
	∅ (m)	1,7	3,4	5,1	6,8	8,5

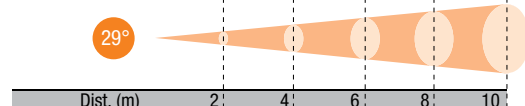


5600K	Lux	1.443	361	160	90	58
4000K	Lux	1.346	336	150	84	54
3000K	Lux	1.316	329	146	82	53
	∅ (m)	2,9	5,8	8,7	11,6	14,5

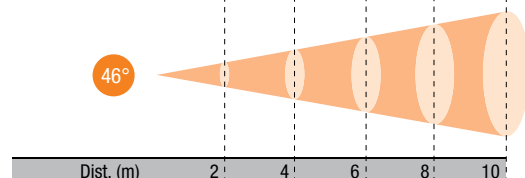


**PHOTOMETRIC DATA - 90W**

5600K	Lux	6.270	1.568	697	392	251
4000K	Lux	5.850	1.463	650	366	234
3000K	Lux	5.500	1.375	611	344	220
	∅ (m)	1,0	2,1	3,1	4,1	5,2



5600K	Lux	3.944	986	438	247	158
4000K	Lux	3.680	920	409	230	147
3000K	Lux	3.460	865	384	216	138
	∅ (m)	1,7	3,4	5,1	6,8	8,5



5600K	Lux	2.189	547	243	137	88
4000K	Lux	2.042	511	227	128	82
3000K	Lux	1.920	480	213	120	77
	∅ (m)	2,9	5,8	8,7	11,6	14,5

