

ARCHITECTURAL

HALLED

hidden efficiency




SPOTLIGHT
professional lighting for the performing arts

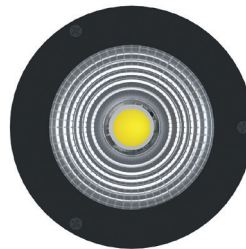
High efficiency, long lasting, innovative white light source, with separate power supply available with Dali or DMX control.

A family of recessed LED luminaires from 55 to 90W white COB LED, available in many colour temperatures (2700, 3000, 4000, 5600K) and beam angles (29°, 46°, 72°) with CRI>90.

Ideal for installation where absolute silence, energy saving and maintenance cost reduction are key factors: orchestra shell, house lighting, working light, shop windows, malls, museums, exhibitions, art galleries and rental companies, but also: small TV studios, cinemas and theatres.



- > Long life, low maintenance and nearly 75% saving on mains power consumption if compared to an equally-performing conventional fixture
- > Light output higher than the usual halogen lamps, with energy saving and less heat production
- > No dangerous UV or IR rays for the safe lighting of people and objects
- > Extra long life of any coloured filters thanks to the cold and clean light beam
- > Separate power supply unit with DALI or DMX control and possibility of selecting the linear or logarithmic curve
- > Aluminium retaining ring and methacrylate protection screen
- > High output Bridgelux COB LED Light Engines (11350lm @90W) with reflector for uniform light beam output in order generating just one shadow in faces and objects
- > Classical Orchester venue quiet with no buzzing or detectable RFI thanks to natural heating dissipation (no fans)
- > Rustproof Aluminum housing compact and lightweight
- > Fixing Springs and customized solutions for standalone and ceiling mounting
- > Reduced installation 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 for best use with cameras
- > Constant Color Temperature CCT during the whole dimming curve
- > Supports USITT DMX512-A control (ANSI E1.11)
- > Supports RDM over DMX512 Networks (ANSI E1.20)
- > Compatible with DALI Lighting Solutions
- > Onboard monitoring and reporting by RDM
- > Selectable dimming curve, flicker free





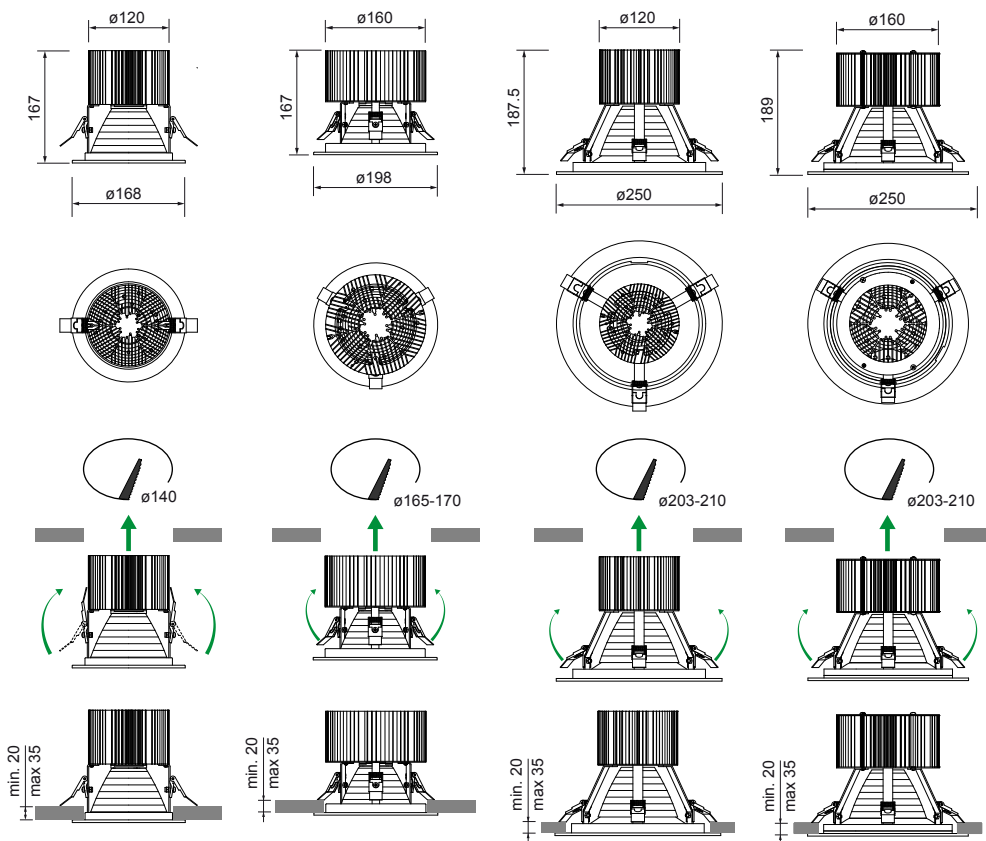
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professional lighting for the performing arts

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

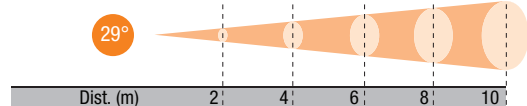


OPTION (on request)

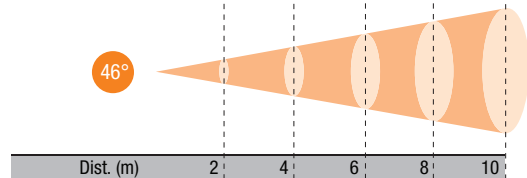
- black
- white
- real silver
- RAL colours on request

PHOTOMETRIC DATA - 55W

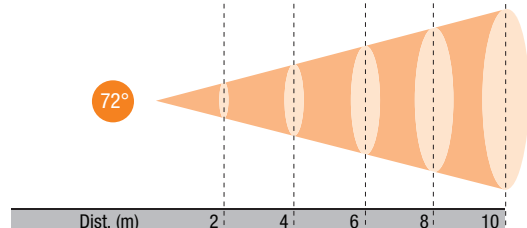
5600K Lux	4.132	1.033	459	258	165
4000K Lux	3.853	963	428	241	154
3000K Lux	3.768	942	419	236	151
∅ (m)	1,0	2,1	3,1	4,1	5,2



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

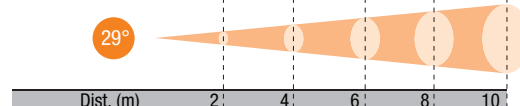


5600K Lux	1.443	361	160	90	58
4000K Lux	1.346	336	150	84	54
3000K Lux	1.316	329	146	82	53
∅ (m)	2,9	5,8	8,7	11,6	14,5

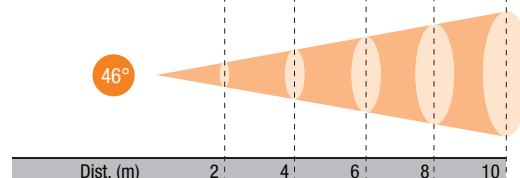


PHOTOMETRIC DATA - 90W

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

