

Downlight Series

55W / 90W - HALLED

(ver. 2020/06)



SOURCE

- 55/90W LED COB
- Source life expectancy: > 50.000 h

	Luminous flux		Colour rendering		
	55W	90W	CRI	TLCI	TM-30
WW	6'797 lm	9'917 lm	>97	97	94
CW	6'950 lm	10'549 lm			
NW	7'454 lm	11'314 lm			

SOFTWARE FUNCTIONS WITH AL 55/90 DMX

- ESD: 8 or 16bit extra soft dimming
- 2 selectable dimmer curves
- Delay in turning on and off
- PWM LED 500Hz-20KHz
- Led boost
- Storage and factory recovery
- Upgradable Firmware via DMX/USB tool

CONTROL WITH AL 55/90 DMX

- Protocols: DMX512, RDM (DALI optional)
- Local potentiometer
- Reversible Graphics Display
- Standby-shutdown Display
- DMX channels 1 / 2 / 3 channel

THERMAL MANAGEMENT

- High efficiency heat sink system without fan
- No heat load from LED engine towards electronic and vice-versa avoiding the risk of failure due to overheating
- Ta max 40°C

OPTICS

- Beam angle: 29°, 46°, 72°
- 120mm High-quality pc aluminum coated optics
- Focus: fix

HOUSING

- Highly resistant body in extruded aluminum
- Finishing: Black
- IP 20

CONNECTION AL 55/90 DMX

- Power: PowerCON In/Out panel connectors
- DMX: XLR 5-pole In/Out panel connectors

ELECTRICAL AL 55/90 DMX

- Power supply: 100-240 V – 50/60 Hz
- Power consumption 60/100 W
- PF>0.94/230VAC PF>0.98/115VAC at full load

OPTIONS

- Springs suspension version
- Yokes suspension version

DIMENSIONS

55W	1.1 Kg	ø168 *167mm
90W	2.2 Kg	ø198 *167mm

COMPLIANCE

- CE
- EN 60598-1; EN 60598-2-17
- SSL Licensing Program
- Manufactured in Italy with Quality System ISO 9001:2015

DMX chart

	WHITE		
	1CH	2CH	3CH
	8 BIT	8 BIT	16 BIT
1 ch	DIMMER	DIMMER	DIMMER
2 ch		STROBO	DIMMER FINE
3 ch			STROBO

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4 m	6 m	8 m	10 m	12 m
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Model	Type	CT	CRI	Beam	Lux	Ø Beam	Lux	Ø Beam	Lux	Ø Beam	Lux	Ø Beam	Lux	Ø Beam	(measure at)
HALLED 55	WW	3000K	97	29	942	2,1	418	3,1	235	4,1	150	5,1	104	6,2	3000K
				46	593	3,4	263	5,1	148	6,7	94	8,4	65	10,1	
				72	329	5,8	146	8,6	82	11,5	52	14,4	36	17,3	
	NW	4000K	97	29	963	2,1	428	3,1	240	4,1	154	5,1	107	6,2	4000K
				46	606	3,4	269	5,1	151	6,7	96	8,4	67	10,1	
				72	336	5,8	149	8,6	84	11,5	53	14,4	37	17,3	
	CW	5600K	97	29	1033	2,1	459	3,1	258	4,1	165	5,1	114	6,2	5600K
				46	650	3,4	288	5,1	162	6,7	104	8,4	72	10,1	
				72	361	5,8	160	8,6	90	11,5	57	14,4	40	17,3	
HALLED 90	WW	3000K	97	29	1375	2,1	611	3,1	343	4,1	220	5,1	152	6,2	3000K
				46	865	3,4	384	5,1	216	6,7	138	8,4	96	10,1	
				72	480	5,8	213	8,6	120	11,5	76	14,4	53	17,3	
	NW	4000K	97	29	1463	2,1	650	3,1	365	4,1	234	5,1	162	6,2	4000K
				46	920	3,4	408	5,1	230	6,7	147	8,4	102	10,1	
				72	511	5,8	227	8,6	127	11,5	81	14,4	56	17,3	
	CW	5600K	97	29	1568	2,1	696	3,1	392	4,1	250	5,1	174	6,2	5600K
				46	986	3,4	438	5,1	246	6,7	157	8,4	109	10,1	
				72	547	5,8	243	8,6	136	11,5	87	14,4	60	17,3	