

# SPECTRE IP54 CCT LED DOWNLIGHT

**PRAGMALUX**  
PROFESSIONAL LIGHTING



## KEY FEATURES

- Professional LED downlight
- CCT Switchable 3000K-4000K-5700K
- UGR<19/UGR<22
- Integrated en external LED driver version
- Very quick and easy installation
- Serial connector
- Possible through-wiring
- Dimmable (only external driver version)
- IP54
- 5 year Pragmalux Warranty

IP54 IK06 650°GWT 107LM/W DIMMABLE 60° 90° CRI ≥80

**5** PRAGMALUX  
YEAR  
WARRANTY

## DETAILS



External driver version



Reflector

## SPECIFICATIONS

ITEM CODE	DESCRIPTION	W	LM	LM/W	KELVIN	INPUT CURRENT	LIFETIME L80B10	BEAM ANGLE
4601687	LED Downlight Spectre FR IP54 13W 3000K-5700K 3-CCT Ø145mm Cutout Ø125-135mm	13	1050-1300	81-100	3000/4000/5700	0.07	50000	90°
4601694	LED Downlight Spectre FR IP54 18W 3000K-5700K 3-CCT Ø172mm Cutout Ø150-165mm	18	1440-1690	80-94	3000/4000/5700	0.09	50000	90°
4601700	LED Downlight Spectre FR IP54 18W 3000K-5700K 3-CCT Ø228mm Cutout Ø200-210mm	18	1710-1900	98-106	3000/4000/5700	0.09	50000	90°
4601717	LED Downlight Spectre FR IP54 25W 3000K-5700K 3-CCT Ø228mm Cutout Ø200-210mm	25	2280-2650	91-106	3000/4000/5700	0.12	50000	90°
4601731	LED Downlight Spectre SR IP54 13W 3000K-5700K 3-CCT Ø145 Cutout Ø125-135mm UGR<19	13	1120-1310	86-101	3000/4000/5700	0.07	50000	60°
4601748	LED Downlight Spectre SR IP54 18W 3000K-5700K 3-CCT Ø172 Cutout Ø150-165mm UGR<19	18	1510-1760	84-98	3000/4000/5700	0.09	50000	60°
4601755	LED Downlight Spectre SR IP54 18W 3000K-5700K 3-CCT Ø228 Cutout Ø200-210mm UGR<19	18	1750-1930	97-107	3000/4000/5700	0.09	50000	60°
4608167	LED Downlight Spectre SR IP54 13W 3000K-5700K 3-CCT Ø145 Cutout Ø125-135mm Triac Dim	13	1120-1310	86-101	3000/4000/5700	0.07	50000	90°
4608174	LED Downlight Spectre SR IP54 18W 3000K-5700K 3-CCT Ø172 Cutout Ø150-165mm Triac Dim	18	1800-1980	100-110	3000/4000/5700	0.09	50000	90°
4608181	LED Downlight Spectre SR IP54 25W 3000K-5700K 3-CCT Ø228 Cutout Ø200-210mm Triac Dim	25	2500-2750	100-110	3000/4000/5700	0.12	50000	90°

## TECHNICAL DATA

ELECTRICAL DATA	
Voltage (V)	220-240
Frequency (Hz)	50/60
Power factor (λ)	≥0.9
Operating mode	Integrated/External LED Driver
Electrical connection	Max 3x1,5 mm <sup>2</sup> wire
Total harmonic distortion	≤ 20 %

## TEMPERATURES & OPERATING CONDITIONS

Ambient temperature	25°C
Operating temperature	-20 ~ +40°C
Storage temperature	-40 ~ +65°C

## COLORS & MATERIALS

Color ( Housing)	White RAL9016
Material ( Housing)	PC
Material ( Reflector)	PC

## PRAGMALUX

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Version: October 2020

## CERTIFICATES & STANDARDS

Driver certificates	CE
Fixture certificates	CE
Ingress protection	IP54
Protection class	II
Protection class IK	06
Glow Wire Test ( IEC 695-2-1)	650°C
Photobiological safety group EN62778	RG0

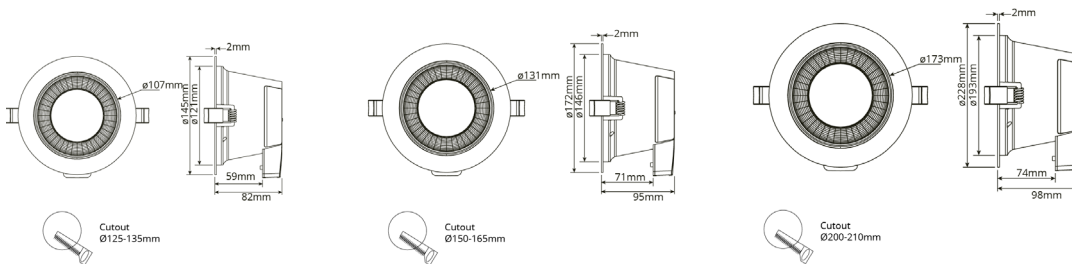
## CAPABILITIES

UGR	≤22(FR) / ≤19(SR)
Dimmable	No / Triac Dim (External driver version)
Type of connection	Push Terminal, 3-pole
LED Module replacable	No
Installation	CCT Switchable

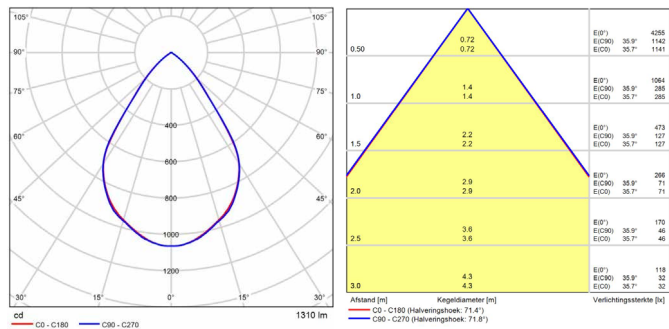
# SPECTRE IP54 CCT LED DOWNLIGHT

ITEM CODE	DESCRIPTION	DRIVER FAILURE RATE AT 5,000H	INRUSH CURRENT IPEAK (A)	INRUSH CURRENT TWIDTH (µs)	MAX. NO. OF DRIVERS ON MCB TYPE B 10A	MAX. NO. OF DRIVERS ON MCB TYPE B 16A	MAX. NO. OF DRIVERS ON MCB TYPE C 10A	MAX. NO. OF DRIVERS ON MCB TYPE C 16A
4601687	LED Downlight Spectre FR IP54 13W 3000K-5700K 3-CCT Ø145mm Cutout Ø125-135mm	≤1%	99,2	12	30	48	50	59
4601694	LED Downlight Spectre FR IP54 18W 3000K-5700K 3-CCT Ø172mm Cutout Ø150-165mm	≤1%	95,2	3	32	50	53	61
4601700	LED Downlight Spectre FR IP54 18W 3000K-5700K 3-CCT Ø228mm Cutout Ø200-210mm	≤1%	95,2	3	32	50	53	61
4601717	LED Downlight Spectre FR IP54 25W 3000K-5700K 3-CCT Ø228mm Cutout Ø200-210mm	≤1%	106	16	28	45	47	55
4601731	LED Downlight Spectre SR IP54 13W 3000K-5700K 3-CCT Ø145 Cutout Ø125-135mm UGR<19	≤1%	99,2	12	30	48	50	59
4601748	LED Downlight Spectre SR IP54 18W 3000K-5700K 3-CCT Ø172 Cutout Ø150-165mm UGR<19	≤1%	95,2	3	32	50	53	61
4601755	LED Downlight Spectre SR IP54 18W 3000K-5700K 3-CCT Ø228 Cutout Ø200-210mm UGR<19	≤1%	95,2	3	32	50	53	61
4608167	LED Downlight Spectre SR IP54 13W 3000K-5700K 3-CCT Ø145 Cutout Ø125-135mm Triac Dim	≤1%	2.18	135	83	138	83	138
4608174	LED Downlight Spectre SR IP54 18W 3000K-5700K 3-CCT Ø172 Cutout Ø150-165mm Triac Dim	≤1%	3.06	224	48	76	48	76
4608181	LED Downlight Spectre SR IP54 25W 3000K-5700K 3-CCT Ø228 Cutout Ø200-210mm Triac Dim	≤1%	4.64	224	33	53	33	53

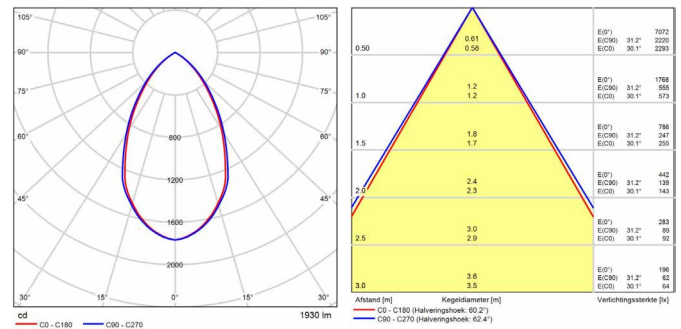
## DIMENSIONS



## PHOTOMETRIC SPECIFICATIONS LED DOWNLIGHT SPECTRE SR 13W



## LED DOWNLIGHT SPECTRE SR 18W



## LED DOWNLIGHT SPECTRE SR 25W

