



KEY FEATURES

- Special 90° spiral lens optic for homogeneous light distribution
- IP65 waterproof, suitable for dusty and humid environments
- Integrated LED with a long lifespan of L80B10 100,000 hours / L90B50 50,000 hours
- Plug & Play installation 3-pole IP68 screwless connector
- Integrated premium LED Driver Philips Xitanium + Philips Lumileds chips
- Standard 1-10V Dimmable
- Up to 140 lumens per watt
- 5 years Pragmalux warranty

DETAILS



Back



Spiral lens

IP65 IK08



650° GWT

140 LM/W



5 PRAGMALUX
YEAR
WARRANTY

OPTIONS



3000K 5000K



ACCESSORIES



Reflector Alu 4605111



Prisma reflector 4607825



Adjustable bracket
4605623
4605104



Daylight sensor 4607092



IP68 connector included

SPECIFICATIONS (ACCORDING TO EN IEC 62722-2-1)

ITEM CODE	DESCRIPTION	W	LM	LM/W	KELVIN	CRI	INPUT CURRENT	LIFETIME L80	EQUIVALENT	BEAM ANGLE
4605067	LED Highbay Storm 100W 4000K 90° 1-10V Dim Black	100	14000	140	4000	≥80	0.46	100000	200W	90°
4605074	LED Highbay Storm 120W 4000K 90° 1-10V Dim Black	120	16800	140	4000	≥80	0.55	100000	250W	90°
4605081	LED Highbay Storm 150W 4000K 90° 1-10V Dim Black	150	21000	140	4000	≥80	0.69	100000	250W	90°
4605098	LED Highbay Storm 200W 4000K 90° 1-10V Dim Black	200	28000	140	4000	≥80	0.91	100000	400W	90°

TECHNICAL DATA

ELECTRICAL DATA	
Voltage (V)	220-240
Frequency (Hz)	50/60
Power factor (λ)	≥0.90
Operating mode	Integrated LED Driver
Electrical connection	Max 3x1,0 mm² wire
Total harmonic distortion	≤ 15 %

TEMPERATURES & OPERATING CONDITIONS

Ambient temperature	25°C
Operating temperature	-30 ~ +45°C
Storage temperature	-30 ~ +80°C

COLORS & MATERIALS

Color (Housing)	Black RAL9017
Material (Housing)	Aluminum
Material (Reflector)	PC

CERTIFICATES & STANDARDS

Driver certificates	CE
Fixture certificates	CE
Ingress protection	IP65
Protection class	I
Protection class IK	08
Glow Wire Test (IEC 695-2-1)	650°C
Photobiological safety group EN62778	RG1
IEC	EN IEC 62722-2-1
LM80 (TM21 /) L90B50 (hours)	>50,000

CAPABILITIES

UGR	≤25-30
Dimmable	1-10V
Type of connection	Push Terminal, 3-pole
LED Module replaceable	No
Installation	Hook / Ceiling Mounting (±45°C/±90°C) / Wall Mounting

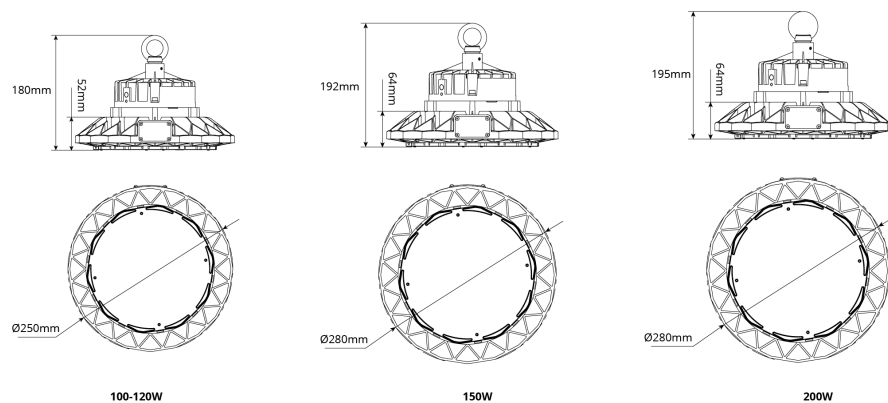
ITEM CODE	DESCRIPTION	DRIVER FAILURE RATE AT 5,000H	INRUSH CURRENT IPEAK (A)	INRUSH CURRENT TWIDTH (μs)	MAX. NO. OF DRIVERS ON MCB TYPE B 10A	MAX. NO. OF DRIVERS ON MCB TYPE B 16A	MAX NO.OF DRIVERS ON MCB TYPE C 10A	MAX. NO. OF DRIVERS ON MCB TYPE C 16A
4605067	LED Highbay Storm 100W 4000K 90° 1-10V Dim Black	≤1%	53	180	9	15	15	25
4605074	LED Highbay Storm 120W 4000K 90° 1-10V Dim Black	≤1%	55	214	5	9	9	15
4605081	LED Highbay Storm 150W 4000K 90° 1-10V Dim Black	≤1%	55	214	5	9	9	15
4605098	LED Highbay Storm 200W 4000K 90° 1-10V Dim Black	≤1%	56	326	3	5	5	8

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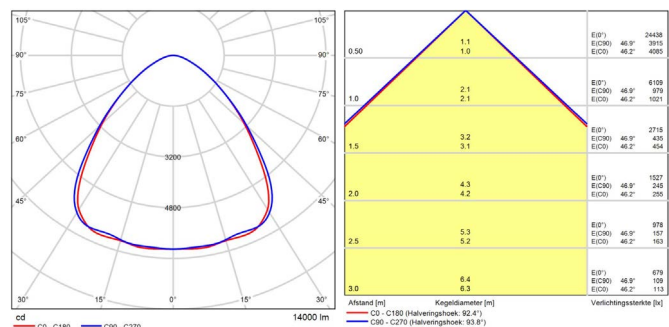
Version: June 2021

DIMENSIONS

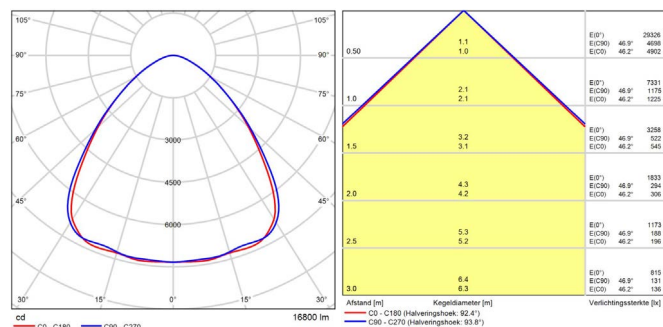


PHOTOMETRIC SPECIFICATIONS

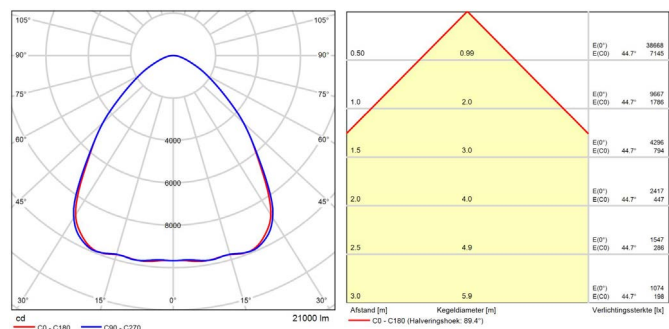
LED HIGHBAY STORM 100W 4000K 90° 1-10V DIM BLACK



LED HIGHBAY STORM 120W 4000K 90° 1-10V DIM BLACK



LED HIGHBAY STORM 150W 4000K 90° 1-10V DIM BLACK



LED HIGHBAY STORM 200W 4000K 90° 1-10V DIM BLACK

