



### KEY FEATURES

- High quality LED ceiling and wall fixture
- Lifetime 50,000 hours
- Integrated LED driver
- Uniform light distribution
- PMMA diffuser
- Possible through-wiring
- Loop in Loop out
- Installation on wall and/or ceiling
- 5 year Pragmalux Warranty

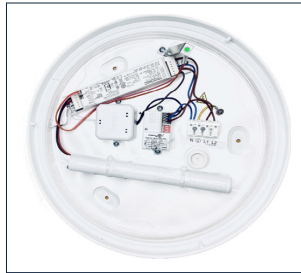
IP44 IK03  650°GWT 94LM/W  120°

**5** PRAGMALUX  
YEAR  
WARRANTY

### DETAILS



Connector



Emergency

### OPTIONS



### ACCESSORIES



PMMA Cover

### SPECIFICATIONS

ITEM CODE	DESCRIPTION	W	LM	LM/W	KELVIN	CRI	INPUT CURRENT	LIFETIME L80B10
4605654	LED Bulkhead Polo IP44 8W 3000K Ø180mm	8	650	81	3000	≥80	0.08	50000
4605661	LED Bulkhead Polo IP44 8W 4000K Ø180mm	8	700	88	4000	≥80	0.08	50000
4608334	LED Bulkhead Polo G2 IP44 12W 3000K-6000K 3-CCT Ø280mm	12	1000-1100	83-92	3000/4000/6000	≥80	0.06	50000
4608334-S	LED Bulkhead Polo G2 IP44 12W 3000K-6000K 3-CCT Ø280mm Sensor	12	1000-1100	83-92	3000/4000/6000	≥80	0.06	50000
4608334-N	LED Bulkhead Polo G2 IP44 12W 3000K-6000K 3-CCT Ø280mm Emergency	12	1000-1100	83-92	3000/4000/6000	≥80	0.06	50000
4608334-SN	LED Bulkhead Polo G2 IP44 12W 3000K-6000K 3-CCT Ø280mm Sensor+Emergency	12	1000-1100	83-92	3000/4000/6000	≥80	0.06	50000
4608334-DS	LED Bulkhead Polo G2 IP44 12W 3000K-6000K 3-CCT Ø280mm Daylight Sensor	12	1000-1100	83-92	3000/4000/6000	≥80	0.06	50000
4608334-DSN	LED Bulkhead Polo G2 IP44 12W 3000K-6000K 3-CCT Ø280mm Daylight Sensor +Emergency	12	1000-1100	83-92	3000/4000/6000	≥80	0.06	50000
4608341	LED Bulkhead Polo G2 IP44 18W 3000K-6000K 3-CCT Ø360mm	18	1550-1700	86-94	3000/4000/6000	≥80	0.09	50000
4608341-S	LED Bulkhead Polo G2 IP44 18W 3000K-6000K 3-CCT Ø360mm Sensor	18	1550-1700	86-94	3000/4000/6000	≥80	0.09	50000
4608341-N	LED Bulkhead Polo G2 IP44 18W 3000K-6000K 3-CCT Ø360mm Emergency	18	1550-1700	86-94	3000/4000/6000	≥80	0.09	50000
4608341-SN	LED Bulkhead Polo G2 IP44 18W 3000K-6000K 3-CCT Ø360mm Sensor+Emergency	18	1550-1700	86-94	3000/4000/6000	≥80	0.09	50000
4608341-DS	LED Bulkhead Polo G2 IP44 18W 3000K-6000K 3-CCT Ø360mm Daylight Sensor	18	1550-1700	86-94	3000/4000/6000	≥80	0.09	50000
4608341-DSN	LED Bulkhead Polo G2 IP44 18W 3000K-6000K 3-CCT Ø360mm Daylight Sensor +Emergency	18	1550-1700	86-94	3000/4000/6000	≥80	0.09	50000
4608358	LED Bulkhead Polo G2 IP44 22W 3000K-6000K 3-CCT Ø410mm	22	1950-2150	89-98	3000/4000/6000	≥80	0.11	50000
4608358-S	LED Bulkhead Polo G2 IP44 22W 3000K-6000K 3-CCT Ø410mm Sensor	22	1950-2150	89-98	3000/4000/6000	≥80	0.11	50000
4608358-N	LED Bulkhead Polo G2 IP44 22W 3000K-6000K 3-CCT Ø410mm Emergency	22	1950-2150	89-98	3000/4000/6000	≥80	0.11	50000
4608358-SN	LED Bulkhead Polo G2 IP44 22W 3000K-6000K 3-CCT Ø410mm Sensor+Emergency	22	1950-2150	89-98	3000/4000/6000	≥80	0.11	50000
4608358-DS	LED Bulkhead Polo G2 IP44 22W 3000K-6000K 3-CCT Ø410mm Daylight Sensor	22	1950-2150	89-98	3000/4000/6000	≥80	0.11	50000
4608358-DSN	LED Bulkhead Polo G2 IP44 22W 3000K-6000K 3-CCT Ø410mm Daylight Sensor +Emergency	22	1950-2150	89-98	3000/4000/6000	≥80	0.11	50000

### PRAGMALUX

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Version: August 2021

## TECHNICAL DATA

### ELECTRICAL DATA

Voltage (V)	220-240
Frequency (Hz)	50/60
Power factor (λ)	≥0.9 / ≥0.8 with sensor
Operating mode	Integrated LED Driver
Electrical connection	Max 3x2,5 mm <sup>2</sup> wire
Total harmonic distortion	≤ 20 %

### TEMPERATURES & OPERATING CONDITIONS

Ambient temperature	25°C
Operating temperature	-20 ~ +40°C
Storage temperature	-20 ~ +60°C

### COLORS & MATERIALS

Color ( Housing)	White RAL9016
Material ( Housing)	Steel
Material ( Reflector)	PMMA

### CERTIFICATES & STANDARDS

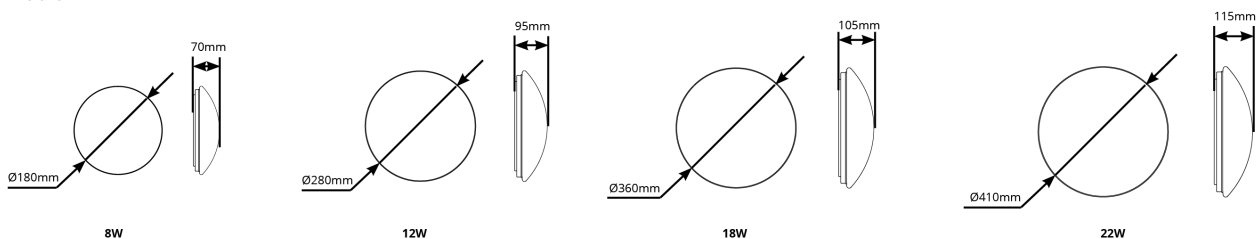
Driver certificates	CE
Fixture certificates	CE
Ingress protection	IP44
Protection class	II
Protection class IK	03
Glow Wire Test ( IEC 695-2-1)	650°C
Photobiological safety group EN62778	RG0

### CAPABILITIES

UGR	≤25
Dimmable	No
Type of connection	Push Terminal, 2-pole
LED Module replacable	No
Installation	Through-wiring Possible

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
4605654	LED Bulkhead Polo IP44 8W 3000K Ø180mm	≤1%	9.68	194	100	160	100	160
4605661	LED Bulkhead Polo IP44 8W 4000K Ø180mm	≤1%	9.68	194	100	160	100	160
4608334	LED Bulkhead Polo G2 IP44 12W 3000K-6000K 3-CCT Ø280mm	≤1%	3.32	72	106	170	106	170
4608334-S	LED Bulkhead Polo G2 IP44 12W 3000K-6000K 3-CCT Ø280mm Sensor	≤1%	3.32	72	106	170	106	170
4608334-N	LED Bulkhead Polo G2 IP44 12W 3000K-6000K 3-CCT Ø280mm Emergency	≤1%	3.32	72	106	170	106	170
4608334-SN	LED Bulkhead Polo G2 IP44 12W 3000K-6000K 3-CCT Ø280mm Sensor+Emergency	≤1%	3.32	72	106	170	106	170
4608334-DS	LED Bulkhead Polo G2 IP44 12W 3000K-6000K 3-CCT Ø280mm Sensor	≤1%	3.32	72	106	170	106	170
4608334-DSN	LED Bulkhead Polo G2 IP44 12W 3000K-6000K 3-CCT Ø280mm Emergency	≤1%	3.32	72	106	170	106	170
4608341	LED Bulkhead Polo G2 IP44 18W 3000K-6000K 3-CCT Ø360mm	≤1%	6.24	72	66	106	66	106
4608341-S	LED Bulkhead Polo G2 IP44 18W 3000K-6000K 3-CCT Ø360mm Sensor	≤1%	6.24	72	66	106	66	106
4608341-N	LED Bulkhead Polo G2 IP44 18W 3000K-6000K 3-CCT Ø360mm Emergency	≤1%	6.24	72	66	106	66	106
4608341-SN	LED Bulkhead Polo G2 IP44 18W 3000K-6000K 3-CCT Ø360mm Sensor+Emergency	≤1%	6.24	72	66	106	66	106
4608341-DS	LED Bulkhead Polo G2 IP44 18W 3000K-6000K 3-CCT Ø360mm Sensor	≤1%	6.24	72	66	106	66	106
4608341-DSN	LED Bulkhead Polo G2 IP44 18W 3000K-6000K 3-CCT Ø360mm Emergency	≤1%	6.24	72	66	106	66	106
4608358	LED Bulkhead Polo G2 IP44 22W 3000K-6000K 3-CCT Ø410mm	≤1%	7.69	72	53	85	53	85
4608358-S	LED Bulkhead Polo G2 IP44 22W 3000K-6000K 3-CCT Ø410mm Sensor	≤1%	7.69	72	53	85	53	85
4608358-N	LED Bulkhead Polo G2 IP44 22W 3000K-6000K 3-CCT Ø410mm Emergency	≤1%	7.69	72	53	85	53	85
4608358-SN	LED Bulkhead Polo G2 IP44 22W 3000K-6000K 3-CCT Ø410mm Sensor+Emergency	≤1%	7.69	72	53	85	53	85
4608358-DS	LED Bulkhead Polo G2 IP44 22W 3000K-6000K 3-CCT Ø410mm Sensor	≤1%	7.69	72	53	85	53	85
4608358-DSN	LED Bulkhead Polo G2 IP44 22W 3000K-6000K 3-CCT Ø410mm Emergency	≤1%	7.69	72	53	85	53	85

## DIMENSIONS

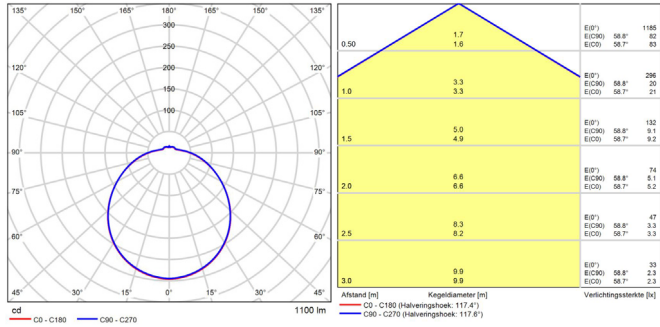


## PRAGMALUX

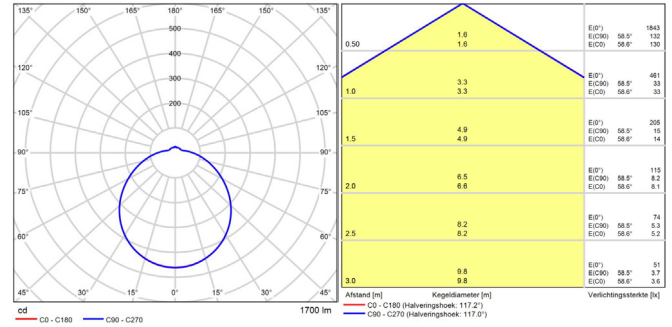
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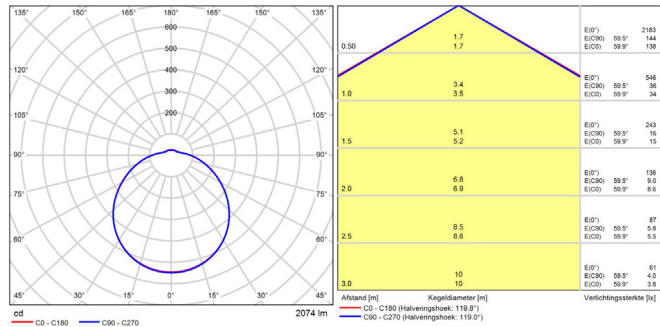
## PHOTOMETRIC SPECIFICATIONS LED BULKHEAD POLO 12W 4000K



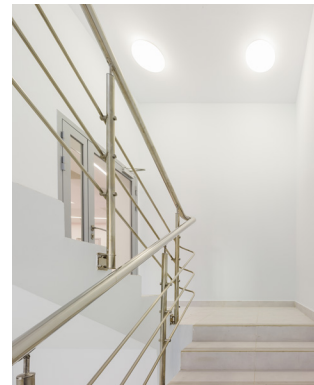
## LED BULKHEAD POLO 18W 4000K



## LED BULKHEAD POLO 22W 4000K

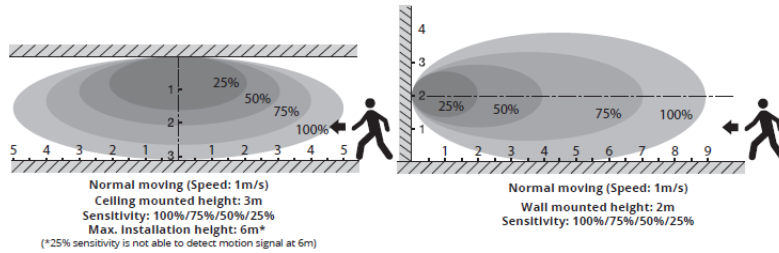
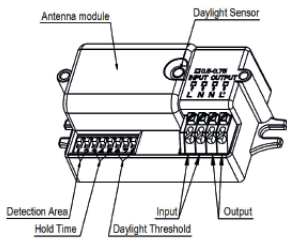


## PROJECT



## EXTRA INFORMATION

Only applicable for versions with .../ S

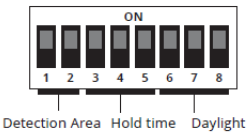


### DIP Switch settings:

Detection Area (Sensitivity):

Hold time:

Daylight Threshold:



	1	2	
I	ON	ON	100%
II	ON	OFF	75%
III	OFF	ON	50%
IV	OFF	OFF	25%

	3	4	5	
I	ON	ON	ON	5s
II	ON	ON	OFF	30s
III	ON	OFF	ON	1min
IV	ON	OFF	OFF	3min
V	OFF	ON	ON	5min
VI	OFF	ON	OFF	10min
VII	OFF	OFF	ON	20min
VIII	OFF	OFF	OFF	30min

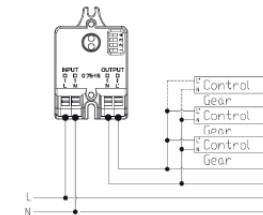
	6	7	8	
I	ON	ON	ON	2lux
II	ON	ON	OFF	10lux
III	OFF	ON	OFF	25lux
IV	ON	OFF	OFF	50lux
V	OFF	OFF	OFF	Disable*

\* Disable. The luminaire turns on when motion is detected, regardless of the daylight levels.

Only applicable for versions with .../ DS

### DIP Switch settings:

Hold time:



When the lux level is below selected setting of 5, 10, 25, 50, 100, 150 or 200 lux (night/dusk) the lamp turns on. At dawn when the lux level is above 25, 50, 75, 100, 200, 300 or 400 lux the lamp will turn off and remain off. The lamp will not turn on during daytime.

	1	2	3	4	Open (On)	Close (Off)
I	ON	ON	ON	ON	5lux	25lux
II	ON	ON	ON	OFF	10lux	50lux
III	ON	ON	OFF	ON	25lux	75lux
IV	ON	ON	OFF	OFF	50lux	100lux
V	ON	OFF	ON	OFF	100lux	200lux
VI	ON	OFF	OFF	OFF	150lux	300lux
VII	OFF	ON	OFF	OFF	200lux	400lux
VIII	OFF	OFF	OFF	OFF	Disable	