

# Non-Corrosive - Hydra

## Data sheet

### Key technical attributes include:

- Excellent efficacy, up to 171 lumens per Watt
- 5 year warranty
- Suitable for harsh environments
- Suitable for outdoor use, under cover
- CRI: >80
- Sealed to IP66, Impact rating IK10
- 100,000 hours service life to L80/B50
- 4000K Colour temperature



1200mm long

Product name	Hydra	Hydra	Hydra	Hydra
Advance Part code	BA412001GR(EM3)	BA412002GR(EM3)	BA412003GR(EM3)	BA412004GR(EM3)
Description	Non-corrosive , 1200mm, 2800 lumens, 17 Watts, 4000K,Grey, Non-dimmable	Non-corrosive , 1200mm, 4600 lumens, 28 Watts, 4000K,Grey, Non-dimmable	Non-corrosive , 1200mm, 7100 lumens, 43 Watts, 4000K,Grey, Non-dimmable	Non-corrosive , 1200mm, 11300 lumens, 66 Watts, 4000K,Grey, Non-dimmable
Nominal Voltage (V)	230	230	230	230
Power (W)	17	28	43	66
Lumen output	2847	4556	7122	11331
Lumens/watt	167	163	166	172
Life expectancy	100,000 hours to L80	100,000 hours to L80	100,000 hours to L80	100,000 hours to L80
Colour temperature (°K)	4000K	4000K	4000K	4000K
CRI	80	80	80	80
Macadam ellipses	<3	<3	<3	<3
Power factor	>0.95	>0.95	>0.95	>0.95
Running Current (A)	0.07	0.12	0.19	0.29
Inrush current	23 Amps for 176uS	23 Amps for 140uS	33 Amps for 162uS	58 Amps for 217uS
Emergency lumen output	350	350	350	350
Insulation Class	1	1	1	1
IP rating	IP66	IP66	IP66	IP66
IK rating	IK10	IK10	IK10	IK10
Qty type C 10 amp breaker	45	27	18	12
Operating temperature	-20 to +35°C	-20 to +35°C	-20 to +35°C	-20 to +35°C
Warranty	5 years	5 years	5 years	5 years
Gross weight (Kg)	2.6	2.6	2.6	3.3
Nett weight (Kg)	2.1	2.1	2.1	2.8

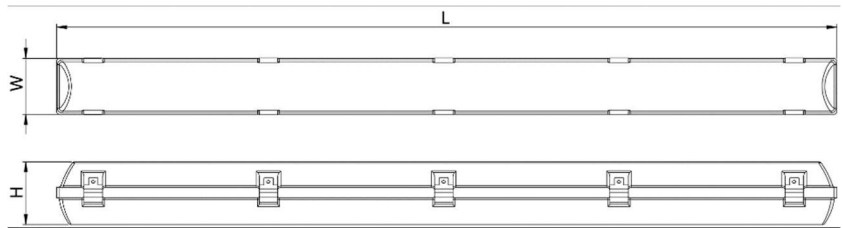
1500mm long

Product name	Hydra	Hydra	Hydra	Hydra	Hydra	Hydra
Advance Part code	BA415001GR(EM3)	BA415002GR(EM3)	BA415003GR(EM3)	BA412004GR(EM3)	BA415005GR(EM3)	BA415006GR(EM3)
Description	Non-corrosive , 1500mm, 4500 lumens, 28 Watts, 4000K,Grey, Non-dimmable	Non-corrosive , 1500mm, 5700 lumens, 34 Watts, 4000K,Grey, Non-dimmable	Non-corrosive , 1500mm, 6700 lumens, 41 Watts, 4000K,Grey, Non-dimmable	Non-corrosive , 1500mm, 8900 lumens, 54 Watts, 4000K,Grey, Non-dimmable	Non-corrosive , 1500mm, 12000 lumens, 71 Watts, 4000K,Grey, Non-dimmable	Non-corrosive , 1500mm, 14200 lumens, 82 Watts, 4000K,Grey, Non-dimmable
Nominal Voltage (V)	230	230	230	230	230	230
Power (W)	28	34	41	54	71	82
Lumen output	4498	5695	6747	8903	12035	14164
Lumens/watt	161	168	165	165	170	173
Life expectancy	100,000 hours to L80	100,000 hours to L80	100,000 hours to L80	100,000 hours to L80	100,000 hours to L80	100,000 hours to L80
Colour temperature (°K)	4000K	4000K	4000K	4000K	4000K	4000K
CRI	80	80	80	80	80	80
Macadam ellipses	<3	<3	<3	<3	<3	<3
Power factor	>0.95	>0.95	>0.95	>0.95	>0.95	>0.95
Running Current (A)	0.12	0.15	0.18	0.23	0.31	0.36
Inrush current	23 Amps for 140uS	23 Amps for 140uS	33 Amps for 162uS	33 Amps for 162uS	58 Amps for 217uS	58 Amps for 217uS
Emergency lumen output	350	350	350	350	350	350
Insulation Class	1	1	1	1	1	1
IP rating	IP66	IP66	IP66	IP66	IP66	IP66
IK rating	IK10	IK10	IK10	IK10	IK10	IK10
Qty type C 10 amp breaker	27	23	19	14	11	9
Operating temperature	-20 to +35°C	-20 to +35°C	-20 to +35°C	-20 to +35°C	-20 to +35°C	-20 to +35°C
Warranty	5 years	5 years	5 years	5 years	5 years	5 years
Gross weight (Kg)	3.1	3.1	3.1	3.1	3.1	3.8
Nett weight (Kg)	2.6	2.6	2.6	2.6	2.6	3.3

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## Data sheet

Code	Dimensions (mm)		
	Length	Width	Height
BA4 12001 GR	1272	96	111
BA4 12002 GR	1272	96	111
BA4 12003 GR	1272	96	111
BA4 12004 GR	1272	146	111
BA4 15001 GR	1572	96	111
BA4 15002 GR	1572	96	111
BA4 15003 GR	1572	96	111
BA4 15004 GR	1572	96	111
BA4 15005 GR	1572	96	111
BA4 15006 GR	1572	146	111



Code	Description
SK15	Suspension kit, 1.5m
SK30	Suspension kit, 3.0m

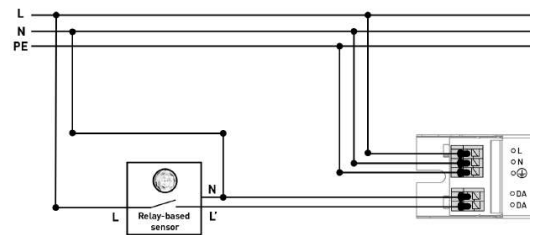


### Corridor Function

The codes DDC, DDC1, DDC30 all represent luminaires with corridor function. Corridor function is a facility that is set within the driver and can't be changed by the end user, it is set at the factory.

Corridor function works in conjunction with an ON/OFF sensor. If the sensor is set at say 5 minutes, then after this time if no motion is detected, the driver automatically dims to 10% output for the following time period before switching off:

DDC	DALI dimming with corridor function - never off
DDC1	DALI dimming with corridor function - off after 1 minute
DDC30	DALI dimming with corridor function - off after 30 minutes



For applications that require more versatility, we would recommend the following sensors:

PIR4	PIR sensor, on/off
PIR9	PIR sensor- DALI

PIR 4 operates as an ON/OFF switch with the standard (ND) driver, the delay time can be 5 minutes as supplied or changed with the programmer to suit your application.

PIR9 operates in conjunction with the DALI (DD) driver and allows the time delays to be changed and can be set to dim prior to going off or to remain in the dim mode until an occupant is sensed in the room where it will go back to full output

ND	Non-dimming
DD	DALI dimming
MW	Integrated microwave sensor, on/off hold time selectable 5 secs, 90 secs, 5 min or 15 minutes.