

HORIZON RANGE

IP65

A comprehensive range of attractive, vandal resistant luminaires suitable for internal and external use.

Designed for use where the aesthetics of the lighting scheme and a robust construction are of paramount consideration. Available in two base sizes, the range offers a host of lamp, LED and operating options. The range also offers a 353mm metal based version which has multiple side entries to suite a variety of installations. The fittings are provided with a plain opal diffuser. Options are also available with cage, eyelid or louvre fascia to reduce upward glare, providing greater direction and emphasis of illumination to architectural and design environments. The wall or ceiling mounted fittings offer vandal resistant construction from polycarbonate and are rated at IP65.

- 283mm and 353mm base.
- Various lamp options + LED options.
- Switch Start PFC, High Frequency and High Frequency 3 Hr Emergency option.
- Metal base option and mini base version have multiple side cable entry points.
- Screw down cover.
- Anti-tamper screws available.
- BS EN 60598.
- IP65.
- Simple installation.
- Photocell version available (external use only).
- PIR versions available.
- eMotion™ options (internal only).
- Opal or Fresnel diffuser.

Colour finish options



White
(W)



Black
(B)



Titanium
(X)



Lamp Types

- 28W & 38W 4-Pin. 3500K. GR10 Cap.
- B27 GLS (lamp not included).
- 16W 2D 2-Pin. 3500K. GR8 Cap.
- 21W 2D 4-Pin. 3500K. GR10 Cap.
- LED options.

Materials

- Body: 238mm/353mm vandal resistant polycarbonate self-extinguishing fire properties in black / white / titanium.
- Diffuser/Fascia Ring: Vandal resistant polycarbonate in opal with self-extinguishing fire properties.
- Diffuser 2: (353mm circular) Vandal resistant polycarbonate clear fresnel lens with self extinguishing fire properties.
- Metal base.

Installation

- Wall or ceiling mount.
- BESA fixing and rear cable entry. 3 way mains terminal block. 4 way terminal block for emergency versions & photocell.
- Screw down lid.
- Photocell version - external use only.
- 2 x Conduit entry points (mini version only).

Standards

- IP65.
- 'F' Mark.
- CE.
- BS EN 60598.
- Class I.





HORIZON PLAIN

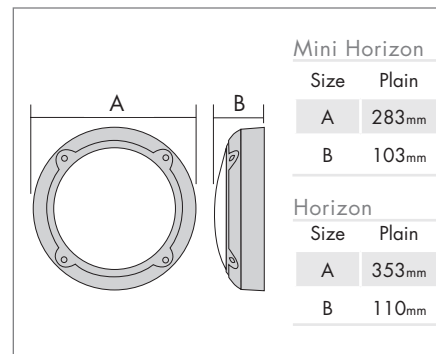
HR2 / HR3

Mini Horizon - 283mm

Product	Switch Start	High Frequency	3 Hour Maintained	Photocell	PIR	Dimmable	Night Light	Self Test
B27 GLS								
16W	■	■		■	■			
21W	■	■		■	■			
LED 3				■	■			
LED 5				■	■			

LED Characteristics	System Power (W)	Delivered Lumens (lm)	Efficacy (lm/W)	CRI	Colour Temp (°K)
HR2/BLPLED5	7.1	337	47.5	75	4000

Plain



Mini Horizon

Size	Plain
A	283mm
B	103mm

Horizon

Size	Plain
A	353mm
B	110mm

Mini Horizon - Plain

Description	B27 GLS	16W	16W PC	21W	21W PC	LED 3	LED 5
Black Opal	HR2/BLP100	HR2/BLP516	HR2/BLP516C	HR2/BLP521	HR2/BLP521C	HR2/BLPLED3	HR2/BLPLED5
White Opal	HR2/WLP100	HR2/WLP516	HR2/WLP516C	HR2/WLP521	HR2/WLP521C	HR2/WLPLED3	HR2/WLPLED5
Titanium Opal	HR2/XLP100	HR2/XLP516	HR2/XLP516C	HR2/XLP521	HR2/XLP521C	HR2/XLPLED3	HR2/XLPLED5

Horizon - 353mm

Options Add suffix to codes:
U6 HF
M 3 Hour Maintained Emergency
P PIR
C Photocell
-DA Analogue Dim
-DD Switch Dim
-DDD DALI / DSI Dim
T Anti tamper screws
HR3M Instead of HR3 for metal base
SELF TEST EMERGENCY
HR3ST Prefix instead of HR3
M Suffix (EM3)

Other options or configurations may be available, please contact us on 01709 374898 or email sales@asdlighting.com for advice.

Product	Switch Start	High Frequency	3 Hour Maintained	Photocell	PIR	Dimmable	Night Light	Self Test
2 X 18W	■	■	■	■	■	■		
28W	■	■	■	■	■			
38W		■		■				
LED 1800			■	■	■			
LED 16				■	■			
LED 22				■	■			

LED Characteristics	System Power (W)	Delivered Lumens (lm)	Efficacy (lm/W)	CRI	Colour Temp (°K)
HR3M/BLP4LED1800	16.7	1111	66.5	75	4000

Horizon - Plain

Description	2 X 18W	28W PFC	28W HF	LED 1800	LED 16	LED 22
Black Opal	HR3/BLP218	HR3/BLP528F	HR3/BLP528U6	HR3/BLP4LED1800	HR3M/BLPLED16	HR3M/BLPLED22
White Opal	HR3/WLP218	HR3/WLP528F	HR3/WLP528U6	HR3/WLP4LED1800	HR3M/WLPLED16	HR3M/WLPLED22
Titanium Opal	HR3/XLP218	HR3/XLP528F	HR3/XLP528U6	HR3/XLP4LED1800	HR3M/XLPLED16	HR3M/XLPLED22

For Fresnel diffuser change HR3/BL to HR3/BK (not recommended for LED).
 eMotion™ Microwave Master and Slave options available for internal schemes only (contact us for details).

Lamp Types

- 28W & 38W 4-Pin. 3500K. GR10 Cap.
- B27 GLS (lamp not included).
- 16W 2D 2-Pin. 3500K. GR8 Cap.
- 21W 2D 4-Pin. 3500K. GR10 Cap.
- 2 x 18W TC-D G24q-2 Cap.
- PLEASE NOTE – 2700K lamps available on request.
- PLEASE NOTE – Emergency and high frequency versions are all 4-Pin.
- LED options
 - White (standard)
 - Warm white (opal)

Materials

- Body: 238mm/353mm vandal resistant polycarbonate self-extinguishing fire properties in black / white / titanium.
- Diffuser/Fascia Ring: Vandal resistant polycarbonate in opal with self-extinguishing fire properties.
- Diffuser 2: (353mm circular) Vandal resistant polycarbonate clear fresnel lens with self extinguishing fire properties.
- Metal base.

Installation

- Wall or ceiling mount.
- BESA fixing and rear cable entry. 3 way mains terminal block. 4 way terminal block for emergency versions & photocell.
- Screw down lid.
- Photocell version - external use only.
- 2 x Conduit entry points (mini version only).

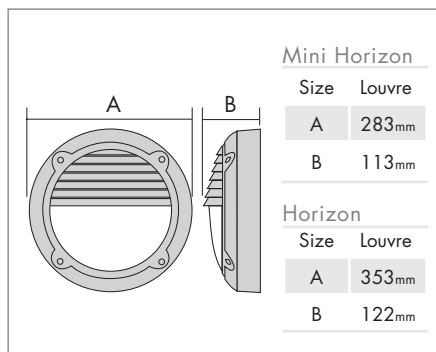
Standards

- IP65.
- 'F' Mark.
- CE.
- BS EN 60598.
- Class I.





Louvre



HORIZON LOUVRE

HR2 / HR3

Mini Horizon Louvre - 283mm

Product	Switch Start	High Frequency	3 Hour Maintained	Photocell	PIR	Dimmable	Night Light	Self Test
60W								
16W	■	■		■	■			
21W	■	■		■	■			
LED 3				■	■			
LED 5				■	■			

Mini Horizon - Louvre

Description	60W	1 X 18W	1 X 18W PC	16W	16W PC	21W	21W PC	LED 3	LED 5
Black Opal	HR2/BLL060	HR2/BLL118	HR2/BLL118C	HR2/BLL516	HR2/BLL516C	HR2/BLL521	HR2/BLL521C	HR2/BLLLED3	HR2/BLLLED5
White Opal	HR2/WLL060	HR2/WLL118	HR2/WLL118C	HR2/WLL516	HR2/WLL516C	HR2/WLL521	HR2/WLL521C	HR2/WLLLED3	HR2/WLLLED5
Titanium Opal	HR2/XLL060	HR2/XLL118	HR2/XLL118C	HR2/XLL516	HR2/XLL516C	HR2/XLL521	HR2/XLL521C	HR2/XLLLED3	HR2/XLLLED5

Options	Add suffix to codes:
U6	HF
M	3 Hour Maintained Emergency
P	PIR
C	Photocell
-DA	Analogue Dim
-DD	Switch Dim
-DDD	DALI / DSI Dim
T	Anti tamper screws
HR3M	Instead of HR3 for metal base
SELF TEST EMERGENCY	
HR3ST	Prefix instead of HR3
M	Suffix (EM3)

Other options or configurations may be available, please contact us on 01709 374898 or email sales@asdlighting.com for advice.

Horizon Louvre - 353mm

Product	Switch Start	High Frequency	3 Hour Maintained	Photocell	PIR	Dimmable	Night Light	Self Test
2 X 18W	■	■	■	■	■	■		
28W	■	■	■	■	■			
38W		■		■				
LED 1800			■	■	■			
LED 16				■	■			
LED 22				■	■			

LED Characteristics	System Power (W)	Delivered Lumens (lm)	Efficacy (lm/W)	CRI	Colour Temp (°K)
HR3M/BLL4LED1800	16.6	476	28.7	75	4000

Horizon - Louvre

Description	1 X 26W HF	28W HF	2 X 18W HF	LED 1800	LED 16	LED 22
Black Opal	HR3/BLL126U6	HR3/BLL528U6	HR3/BLL218U6	HR3/BLL4LED1800	HR3M/BLLLED16	HR3M/BLLLED22
White Opal	HR3/WLL126U6	HR3/WLL528U6	HR3/WLL218U6	HR3/WLL4LED1800	HR3M/WLLLED16	HR3M/WLLLED22
Titanium Opal	HR3/XLL126U6	HR3/XLL528U6	HR3/WLL218U6	HR3/XLL4LED1800	HR3M/XLLLED16	HR3M/XLLLED22

For Fresnel diffuser change HR3/BL to HR3/BK (not recommended for LED).
eMotion™ Microwave Master and Slave options available for internal schemes only (contact us for details).

Lamp Types

- 28W & 38W 4-Pin. 3500K. GR10 Cap.
- 60W B27 GLS (lamp not included).
- 16W 2D 2-Pin. 3500K. GR8 Cap.
- 21W 2D 4-Pin. 3500K. GR10 Cap.
- 2 x 18W TC-D G24q-2 Cap.
- PLEASE NOTE – 2700K lamps available on request.
- PLEASE NOTE – Emergency and high frequency versions are all 4-Pin.
- LED options
 - White (standard)
 - Warm white (opal)

Materials

- Body: 238mm/353mm vandal resistant polycarbonate self-extinguishing fire properties in black / white / titanium.
- Diffuser/Fascia Ring: Vandal resistant polycarbonate in opal with self-extinguishing fire properties.
- Diffuser 2: (353mm circular) Vandal resistant polycarbonate clear fresnel lens with self extinguishing fire properties.
- Metal base.

Installation

- Wall or ceiling mount.
- BESA fixing and rear cable entry. 3 way mains terminal block. 4 way terminal block for emergency versions & photocell.
- Screw down lid.
- Photocell version - external use only.
- 2 x Conduit entry points (mini version only).

Standards

- IP65.
- 'F' Mark.
- CE.
- BS EN 60598.
- Class I.



HORIZON EYELID

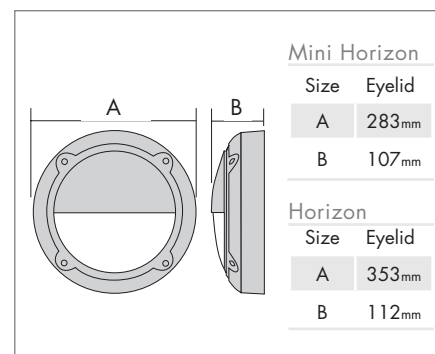
HR2 / HR3



Eyelid

Mini Horizon Eyelid - 283mm

Product	Switch Start	High Frequency	3 Hour Maintained	Photocell	PIR	Dimmable	Night Light	Self Test
60W								
16W	■	■		■	■			
21W	■	■		■	■			
LED 3				■	■			
LED 5				■	■			



Mini Horizon - Eyelid

Description	60W	1 X 18W	1 X 18W PC	16W	16W PC	21W	21W PC	LED 3	LED 5
Black Opal	HR2/BLE060	HR2/BLE118	HR2/BLE118C	HR2/BLE516	HR2/BLE516C	HR2/BLE521	HR2/BLE521C	HR2/BLELED3	HR2/BLELED5
White Opal	HR2/WLE060	HR2/WLE118	HR2/WLE118C	HR2/WLE516	HR2/WLE516C	HR2/WLE521	HR2/WLE521C	HR2/WLELED3	HR2/WLELED5
Titanium Opal	HR2/XLE060	HR2/XLE118	HR2/XLE118C	HR2/XLE516	HR2/XLE516C	HR2/XLE521	HR2/XLE521C	HR2/XLELED3	HR2/XLELED5

Options

U6	Add suffix to codes:
HF	HF
M	3 Hour Maintained Emergency
P	PIR
C	Photocell
-DA	Analogue Dim
-DD	Switch Dim
-DDD	DALI / DSI Dim
T	Anti tamper screws
HR3M	Instead of HR3 for metal base
SELF TEST EMERGENCY	
HR3ST	Prefix instead of HR3
M	Suffix (EM3)

Other options or configurations may be available, please contact us on 01709 374898 or email sales@asdlighting.com for advice.

Horizon Eyelid - 353mm

Product	Switch Start	High Frequency	3 Hour Maintained	Photocell	PIR	Dimmable	Night Light	Self Test
2 X 18W	■	■	■	■	■	■		
28W	■	■	■	■	■			
38W		■		■				
LED 1800			■	■	■			
LED 16				■	■			
LED 22				■	■			

Horizon - Eyelid

Description	1 X 26W HF	28W HF	2 X 18W HF	LED 1800	LED 16	LED 22
Black Opal	HR3/BLE126U6	HR3/BLE528U6	HR3/BLE218U6	HR3/BLE4LED1800	HR3M/BLELED16	HR3M/BLELED22
White Opal	HR3/WLE126U6	HR3/WLE528U6	HR3/WLE218U6	HR3/WLE4LED1800	HR3M/WLELED16	HR3M/WLELED22
Titanium Opal	HR3/XLE126U6	HR3/XLE528U6	HR3/WLE218U6	HR3/XLE4LED1800	HR3M/XLELED16	HR3M/XLELED22

For Fresnel diffuser change HR3/BL to HR3/BK (not recommended for LED).
eMotion™ Microwave Master and Slave options available for internal schemes only (contact us for details).

Lamp Types

- 28W & 38W 4-Pin. 3500K. GR10 Cap.
 - 60W B27 GLS (lamp not included).
 - 16W 2D 2-Pin. 3500K. GR8 Cap.
 - 21W 2D 4-Pin. 3500K. GR10 Cap.
 - 2 x 18W TC-D G24q-2 Cap.
- PLEASE NOTE – 2700K lamps available on request.
- PLEASE NOTE – Emergency and high frequency versions are all 4-Pin.
- LED options
 - White (standard)
 - Warm white (opal)

Materials

- Body: 238mm/353mm vandal resistant polycarbonate self-extinguishing fire properties in black / white / titanium.
- Diffuser/Fascia Ring: Vandal resistant polycarbonate in opal with self-extinguishing fire properties.
- Diffuser 2: (353mm circular) Vandal resistant polycarbonate clear fresnel lens with self extinguishing fire properties.
- Metal base.

Installation

- Wall or ceiling mount.
- BESA fixing and rear cable entry. 3 way mains terminal block. 4 way terminal block for emergency versions & photocell.
- Screw down lid.
- Photocell version - external use only.
- 2 x Conduit entry points (mini version only).

Standards

- IP65.
- 'F' Mark.
- CE.
- BS EN 60598.
- Class I.



Cage

HORIZON CAGE

HR3

Horizon Cage - 353mm

Product	Switch Start	High Frequency	3 Hour Maintained	Photocell	PIR	Dimmable	Night Light	Self Test
2 X 18W	■	■	■	■	■	■		
28W	■	■	■	■	■			
38W		■		■				
LED 1800			■	■	■			
LED 16				■	■			
LED 22				■	■			

Options

U6	HF
M	3 Hour Maintained Emergency
P	PIR
C	Photocell
-DA	Analogue Dim
-DD	Switch Dim
-DDD	DALI / DSI Dim
T	Anti tamper screws
HR3M	Instead of HR3 for metal base
SELF TEST EMERGENCY	
HR3ST	Prefix instead of HR3
M	Suffix (EM3)

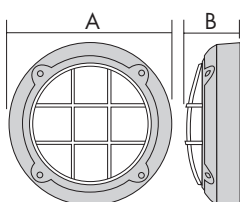
Other options or configurations may be available, please contact us on 01709 374898 or email sales@asdlighting.com for advice.

Horizon - Cage

Description	28W PFC	28W PFC + PC	28W HF	28W HF + PC	28W HF EM3	28W HF EM3 + PC
Black Opal	HR3/BLC528F	HR3/BLC528FC	HR3/BLC528U6	HR3/BLC528U6C	HR3/BLC528U6M	HR3/BLC528U6MC
White Opal	HR3/WLC528F	HR3/WLC528FC	HR3/WLC528U6	HR3/WLC528U6C	HR3/WLC528U6M	HR3/WLC528U6MC
Titanium Opal	HR3/XLC528F	HR3/XLC528FC	HR3/XLC528U6	HR3/XLC528U6C	HR3/XLC528U6M	HR3/XLC528U6MC

Description	LED 1800	LED 16	LED 22
Black Opal	HR3/BLC4LED1800	HR3M/BLCLED16	HR3M/BLCLED22
White Opal	HR3/WLC4LED1800	HR3M/WLCLED16	HR3M/WLCLED22
Titanium Opal	HR3/XLC4LED1800	HR3M/XLCLED16	HR3M/XLCLED22

For Fresnel diffuser change HR3/BL to HR3/BK (not recommended for LED).



Horizon

Size Cage

A	353mm
B	116mm

eMotion™ Microwave Master and Slave options available for internal schemes only (contact us for details).

Lamp Types

- 28W & 38W 4-Pin, 3500K, GR10 Cap.
 - B27 GLS (lamp not included).
 - 2 x 18W TC-D G24q-2 Cap.
- PLEASE NOTE – 2700K lamps available on request.
- PLEASE NOTE – Emergency and high frequency versions are all 4-Pin.
- LED options
 - White (standard)
 - Warm white (opal)

Materials

- Body: 238mm/353mm vandal resistant polycarbonate self-extinguishing fire properties in black / white / titanium.
- Diffuser/Fascia Ring: Vandal resistant polycarbonate in opal with self-extinguishing fire properties.
- Diffuser 2: (353mm circular) Vandal resistant polycarbonate clear fresnel lens with self extinguishing fire properties.
- Metal base.

Installation

- Wall or ceiling mount.
- BESA fixing and rear cable entry. 3 way mains terminal block. 4 way terminal block for emergency versions & photocell.
- Screw down lid.
- Photocell version - external use only.
- 2 x Conduit entry points (mini version only).

Standards

- IP65.
- 'F' Mark.
- CE.
- BS EN 60598.
- Class I.

