

Barat EX

Explosion Proof IP66 Luminaire for Hazardous Zones 2, 22



BARAT LED1X3800 C108 T840 PC/PC OP IC EX

BARAT LED2X3200 C116 T840 PC/PC OP IC EX

BARAT 236 Z22 PC/PC HF IC EX

Type:	Explosion proof IP66 luminaire designed for illumination of hazardous areas where an explosive atmosphere persists for a short period. Hazardous zones: 2, 22.
Specification:	<p>Clear (T8) or opal (LED) UV stabilized IK08 polycarbonate diffuser. White powder coated gear tray. Injection moulded polycarbonate canopy, grey finished. Stainless steel diffuser retaining clips. Explosion group: gas: IIC, IIB, IIA dust: IIIC, IIIB, IIIA Protection degree: IP66 ATEX cable gland: 2xM20, 1xblanking plug Cable diameter: Ø7-13mm Ta: -25°C to 40°C (Ta with emergency kit: +5°C to 40°C) Luminaire is plastic-wrapped and boxed individually.</p>
Installation:	Surface luminaire is designed to be fixed to ceiling of any type or suspended. Supplied with two fixing brackets for easy installation, sealing washer and accessories for chain and wire suspension. Installed luminaires have to be protected from mechanical damage.
Application:	Suitable for industrial areas and facilities with a danger of flammable gas, dust and vapour explosion. Marking of explosion-protection: II 3G Ex nA IIC T6 Gc; II 3D Ex tD IIIC T85°C IP66 Dc.

Name	Overall dimensions (LxWxH), mm	Lamp (W) and socket	Hazardous zones	System power*, W	EEI	Weight, kg
Barat 118 Z19 PC/PC HF IC Ex	662x96x111	1x18 (G13)	2,22	19	A2	1.2
Barat 218 Z20 PC/PC HF IC Ex	662x146x111	2x18 (G13)	2,22	37	A2	1.6
Barat 136 Z21 PC/PC HF IC Ex	1272x96x111	1x36 (G13)	2,22	36	A2	1.9
Barat 236 Z22 PC/PC HF IC Ex	1272x146x111	2x36 (G13)	2,22	71	A2	2.5
Barat 158 Z23 PC/PC HF IC Ex	1572x96x111	1x58 (G13)	2,22	55	A2	2.3
Barat 258 Z24 PC/PC HF IC Ex	1572x146x111	2x58 (G13)	2,22	108	A2	2.9

Name	Overall dimensions (LxWxH), mm	Lifetime	Luminaire output*, lm Ta=25°C	System power*, W	CRI (Ra)	CCT, K	Weight, kg
Barat LED1x1300 C101 T840 PC/PC OP IC Ex	662x96x111	50000	1279	12	80+	4000	1,30
Barat LED1x1900 C102 T840 PC/PC OP IC Ex	662x96x111	50000	1879	16	80+	4000	1,30
Barat LED2x1300 C104 T840 PC/PC OP IC Ex	662x146x111	50000	2558	24	80+	4000	1,80
Barat LED2x1900 C105 T840 PC/PC OP IC Ex	662x146x111	50000	3759	31	80+	4000	1,80
Barat LED1x2600 C107 T840 PC/PC OP IC Ex	1272x96x111	50000	2558	24	80+	4000	2,10
Barat LED1x3800 C108 T840 PC/PC OP IC Ex	1272x96x111	50000	3759	31	80+	4000	2,10
Barat LED2x2600 C110 T840 PC/PC OP IC Ex	1272x146x111	50000	5117	46	80+	4000	2,80
Barat LED2x3800 C111 T840 PC/PC OP IC Ex	1272x146x111	50000	7518	62	80+	4000	2,80
Barat LED1x3200 C113 T840 PC/PC OP IC Ex	1572x96x111	50000	3198	29	80+	4000	2,60
Barat LED1x4700 C114 T840 PC/PC OP IC Ex	1572x96x111	50000	4699	39	80+	4000	2,60
Barat LED2x3200 C116 T840 PC/PC OP IC Ex	1572x146x111	50000	6396	58	80+	4000	3,30
Barat LED2x4700 C117 T840 PC/PC OP IC Ex	1572x146x111	50000	9397	78	80+	4000	3,30

* Tolerance range for optical and electrical data: ±10 %

Options available on request:

HF-	High Frequency control gear
IC-	Stainless steel clips
EM3-	Emergency version 3 hours (only 1272&1572mm luminaires)
5TB-	5 way terminal block for ease wiring
PC/PC-	Body and diffuser made of polycarbonate plastic
OP-	Opal UV stabilized polycarbonate diffuser
1LIN2,5-	Through wiring 3x2.5 mm ² with two push-in terminals
3LIN2,5-	Through wiring 5x2.5 mm ² with two push-in terminals
T830-	Colour temperature 3000K
T840-	Colour temperature 4000K

BARAT LED2X3200 C116 T840 PC/PC OP IC EX

