

2+1 system emerg / detec

RANGE	PROFILE 2+1 LUMINAIRE SYSTEM
REF.	2+1-
TYPE	SUSPENDEDO / SURFACE MOUNTING
SECTION	80 x 31 mm
MATERIAL	ALUMINIUM
FINISH	WHITE / BLACK / ALLUMINIUM
LUMINAIRE LENGTH	1500 mm / 3000 mm
VOLTAGE	220 - 240 V
FREQUENCY	50 / 60 Hz
FEEDER KIT	INTEGRATED
DIMMABLE	YES / NO
POWER FACTOR	0,9
SERVICE LIFE	50.000 h
INSULATION CLASS	CLASS II
IP RATING	IP20
LIGHTING DISTRIBUTION	DIRECT / DIRECT + INDIRECT
COLOR TEMPERATURE	2700 / 3000 / 4000 K
CRI	90

* Other lengths available under request

DIRECT EMISSION (18W/m)

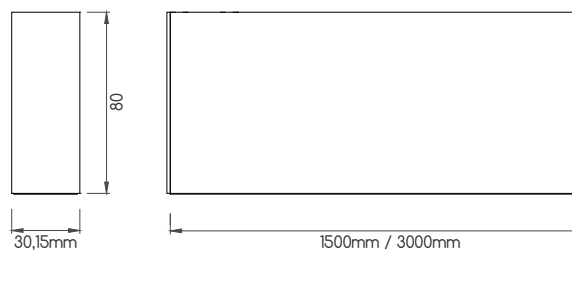
COLOR TEMP (K)	NOMINAL FLUX (LM/M)	NOMINAL EFF (LM/W)	LUMINAIRE FLUX (LM/M)	LUMINAIRE EFF (LM/W)
2700	2574	143	1673	93
3000	2646	147	1720	95,5
4000	2850	158,3	1852	102,9

INDIRECT EMISSION (9,6W/m)

COLOR TEMP (K)	NOMINAL FLUX (LM/M)	NOMINAL EFF (LM/W)	LUMINAIRE FLUX (LM/M)	LUMINAIRE EFF (LM/W)
2700	760	79,2	494	27,5
3000	780	81,3	507	28,2
4000	790	82,3	514	28,6

* Other color temperatures and CRI available under request

* Other led strip powers available under request



2+1 system suspended

CODE	DESCRIPTION
2+1Y-	2+1 luminaire suspended -

* Driver included (on/off or DALI as specified in reference)

reference builder

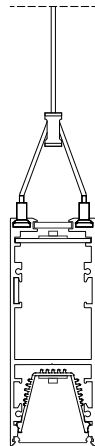
TYPE	KIT	EMISSION	C. TEMP	CRI	FINISH	DIMING	LENGTH
2+1Y (suspended)	NK (no kit)		27 (2700K)		00 (white)	- (on/off)	.1500 (1500mm)
	EM (emergency)*	D (direct)	30 (3000K)	90 (CRI>90)	01 (aluminium)	D (DALI)	.3000 (3000mm)
	DT (detection)	DI (direct + indirect)	40 (4000K)		09 (black)		
	E+D (both kits)*						

* Emergency kit characteristics must be specified. See Emergency Kit datasheet.

* Order example:

2+1Y E+D D 27 90 09 - .1500

2+1 luminaire suspended, emergency + detection kit, direct light 2700K Ra90 black finish on/off 1500mm



Emergency kit inside QBO profile 2+1



Detection kit inside QBO profile 2+1

2+1 system surface

CODE	DESCRIPTION
2+1S-	2+1 luminaire surface -

* Driver included (on/off or DALI as specified in reference)

reference builder

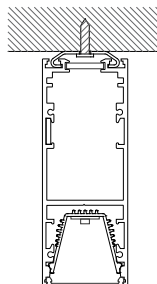
TYPE	KIT	EMISSION	C. TEMP	CRI	FINISH	DIMING	LENGTH
2+1S (surface)	NK (no kit)		27 (2700K)		00 (white)	- (on/off)	.1500 (1500mm)
	EM (emergency)*	D (direct)	30 (3000K)	90 (CRI>90)	01 (aluminium)	D (DALI)	.3000 (3000mm)
	DT (detection)		40 (4000K)		09 (black)		
	E+D (both kits)*						

* Emergency kit characteristics must be specified. See Emergency Kit datasheet.

* Order example:

2+1S EM D 30 90 00 D .3000

2+1 luminaire surface, emergency kit, direct light 3000K Ra90 white finish DALI 3000mm



emergency kit

Model	Installation height (m)	Autonomy	Battery	Lumens	Light source
Not permanent:					
Izar-SM N30	2,2 to 5	1h	Ni-Cd	200	MHB _{LED}
Izar-SM 2N30	2,2 to 5	2h	Ni-Cd	200	MHB _{LED}
Izar-SM 3N30	2,2 to 5	3h	Ni-Cd	160	MHB _{LED}

Model	Installation height (m)	Autonomy	Battery	Lumens	Light source
Permanent: (1)					
Izar-SM P30	2,2 to 5	1h	Ni-Cd	200 120	MHB _{LED}

Izar-SM A Izar-SM TCA

Specific for Autotest

Specific for Autotest & DaisaTest System

Microprocessor included for operation in Autotest mode ☐ or DaisaTest centralized management system ☐

Complete reference with ☐ or ☐ according to the chosen model.

Order example: Izar-SM N30 A / Izar-SM N30 TCA

Model	Installation height (m)	Autonomy	Battery	Lumens	Light source
Not permanent:					
Izar-SM N30 ☐	2,2 to 5	1h	Ni-Mh	200	MHB _{LED}
Izar-SM 2N30 ☐	2,2 to 5	2h	Ni-Mh	200	MHB _{LED}
Izar-SM 3N30 ☐	2,2 to 5	3h	Ni-Mh	170	MHB _{LED}

Model	Installation height (m)	Autonomy	Battery	Lumens	Light source
Permanent: (2)					
Izar-SM P30 ☐	2,2 to 5	1h	Ni-Mh	200 120	MHB _{LED}
Izar-SM 2P30 ☐	2,2 to 5	2h	Ni-Mh	200 120	MHB _{LED}
Izar-SM 3P30 ☐	2,2 to 5	3h	Ni-Mh	170 120	MHB _{LED}

Izar-SM DALI | Specific for DALI system

Models for DALI System available. Consult factory.

Izar-SM Luminaire

BATTERY NOT INCLUDED

Specific luminaire function

Model	Installation height (m)	Autonomy	Battery	Lumens	Light source
Izar-SM L30	2,2 to 5	110-240V 50/60Hz, 170-320V DC		180	LED

Consult factory for other voltages for luminaires without battery

Operation, common data and notes:

The emergency luminaires that are equipped with Ni-Mh battery technology incorporate a microprocessed impulse charging system that allows a significant reduction in energy consumption.

- (1) The Permanent IZAR-SM P30 model has two power inputs: LUM and EMERG., which allows the luminaire to be switched off in the presence of a Network. It does not have an input for remote control.
- (2) These Permanent models do not have an independent LUM input, always remaining on. They can be set to Non-Permanent by the user.

QBO iluminacion emergency system in collaboration with **daisalux**

www.qboiluminacion.com

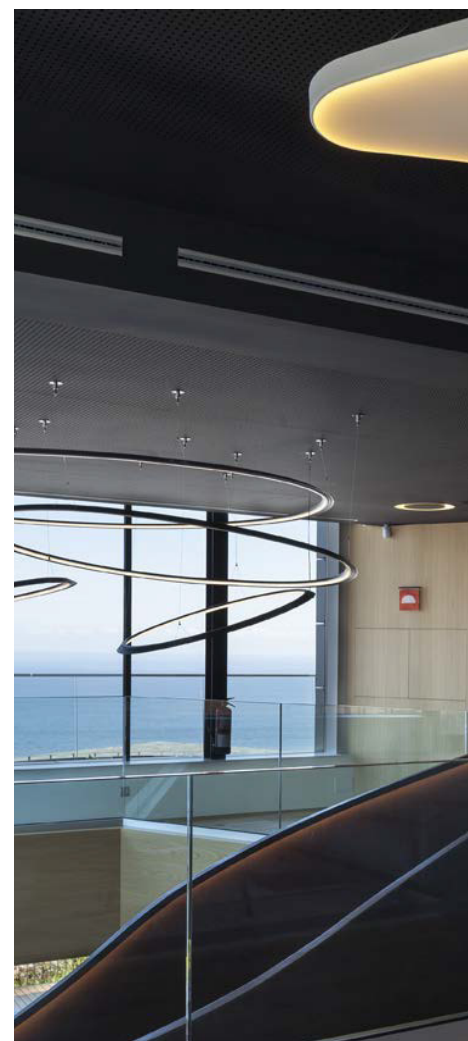
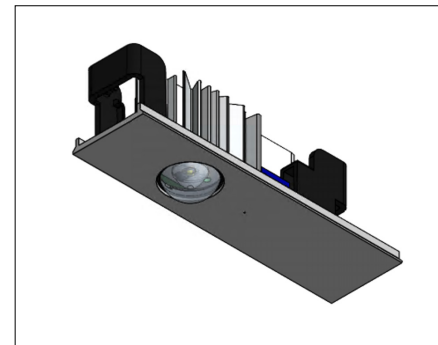
Emergency kit

*inside profile 31x31



Izar-SM

Izar-SM



emergency kit

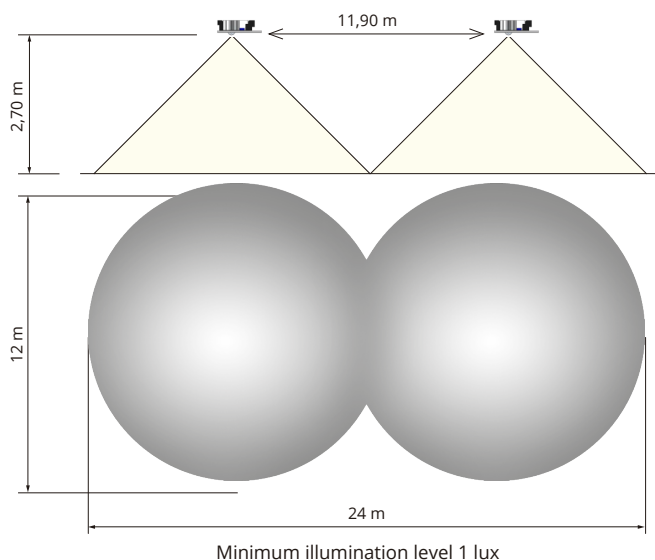
Finishes

■ Finishes

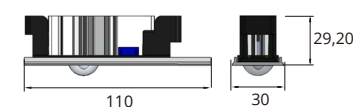
Finish of	Description	Mark
Cable length	30 cm (standard)	---
	100 cm	(100)
Acc color	Black (standard)	---
	White	(BL)
LED color	Cold white (de serie)	---
	Warm white	(WW)
No battery Autonomous	220-230V 50/60Hz	---
	110-127V 50/60Hz	(110-127V)
Luminaires	220-230V 50/60Hz, 170-320V DC	---
	24V 50/60Hz, 18-30V DC	(24V)

■ Interdistance examples

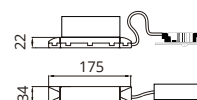
Interdistance: anti-panic optical set



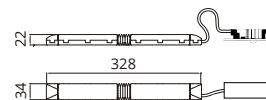
*Compatible with QBO profiles P31x31, PHD31, PHD31W, P2+1, P31x70E



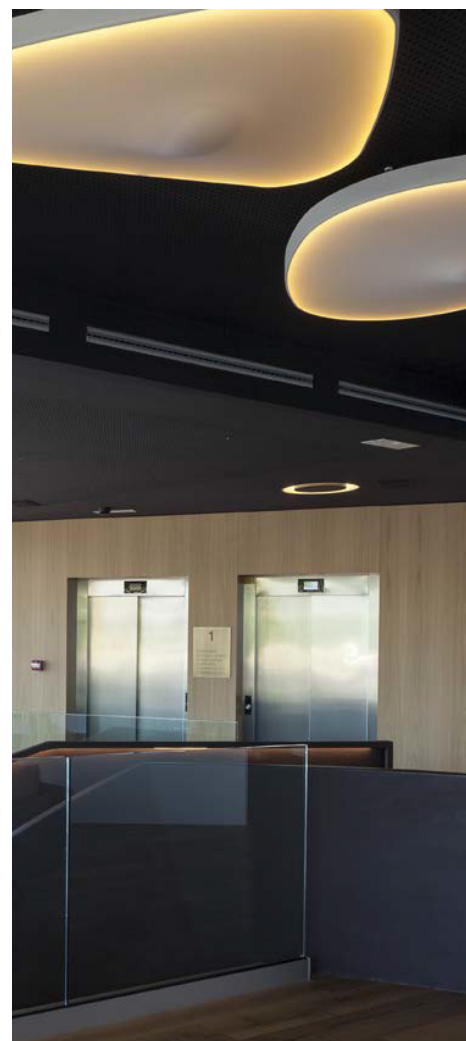
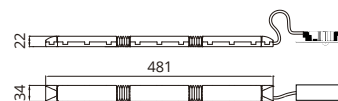
Luminaire



Autonomy 1 h



Autonomy 2 & 3 h



detection kit

RANGE	QBO DETECTION KIT
REF.	QBOP31MBDET-
TYPE	MOTION AND BRIGHTNESS DETECTOR
DIMENSIONS	31 x 21x 60 mm
MATERIAL	ALUMINUM
FINISH	ALUMINUM
FEEDER	DALI
POWER CONSUMPTION	6mA
OPERATING TEMPERATURE	0...+50°C
IP RATING	IP20
Ø DETECTION AREA FOR 2,5M HEIGHT	4,5M
DETECTION ANGLE	84°
LIGHT MEASURE ON THE SENSOR	10 - 650 lx

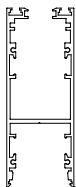
*compatible accessory for profiles P31x31, P2+1, P31X70E



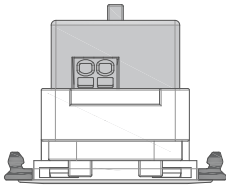
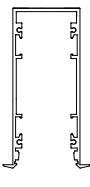
p31x31



p2+1

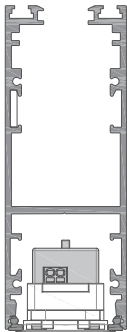
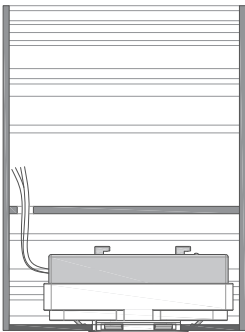


p31X70E



Detection kit inside QBO profile 2+1

CODE	DESCRIPTION
QBOP31MBDET	Profile 31 motion and brightness detection acc



2+1

