

** At environmental reference temperature of 25 °C

Accessories

to be ordered separately

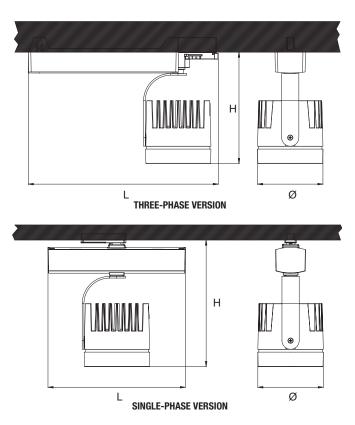
Order code	Description
1230	LENSES EXPO LED 16°
1231	LENSES EXPO LED 40°
1236	REFLEKTOR EXPO LED 8°

Expo LED

Three-phase and single-phase electrified track

Variable beam spotlight for indoor applications, particularly suitable in the retail sector and for exhibitions or shows. Body in die-cast aluminium with large LED source cooling flaps. This device can be installed on either tri-phase or single-phase electrified rail, and the track adapter is mechanically compatible with the majority of commerciallyavailable systems. The device is equipped with an optic with a beam aperture angle of 24° as standard, but optics with beam angles of 16° and 40° are also available on request.





Version	• Dim	Weight		
	L	Ø	H	kg
Three-phase	331	114	194	1.2
Single-phase	239	114	221	1.2

Building automation **SD**

to be ordered separately

Eco Driver

Order code	Description
20102	BUILDING AUTOMATION CENTRAL UNIT
20124	BUILDING AUTOMATION CENTRAL UNIT WIFI
20104	2 INPUT INTERFACE - RADIO TRANSMITTER
15022	BUILDING AUTOMATION RADIO MODULE

Expo LED

										200	DIIVO	1
Power* W	Order code	Description	LED Power W	Colour Temp. K	Colour rendering	Power consumption max W	N°LEDs	Flux of LEDs Im (Tj=25°C)	Flux of fixture Im	lm/W	Energy Class	Packaging
	THREE-PHASE VERSION											
1× 70	R170ED24	EXPO LED BTRF 1X70 24ED 3K	20	3 000	≥80	24	1 COB	3 300	3 000	125	A++	1/1
1× 150	R1150ED24	EXPO LED BTRF 1X150 24ED 3K	33	3 000	≥80	37	1 COB	5 000	4 500	120	A++	1/1
										SINGL	E-PHAS	E VERSION
1×70	R170MFED24	EXPO LED BMF 1X70 24ED 3K	20	3 000	≥80	24	1 COB	3 300	3 000	125	A++	1/1
1× 150	R1150MFED24	EXPO LED BMF 1X150 24ED 3K	33	3 000	≥80	37	1 COB	5 000	4 500	120	A++	1/1



OPTIONAL MODULES TO EXTEND BEGHELLI SD TO RADIO CONTROL OR DALI / 1-10V SYSTEMS AND EMERGENCY

SINGLE-PHASE VERSION



8°, 16°, 40° REFLECTOR



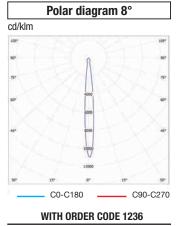


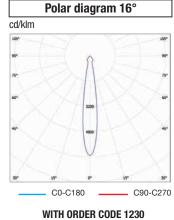
1236	REFLEKTOR EXPO LED 8°
1230	EXPO LED 16° REFLECTOR
1231	EXPO LED 40° REFLECTOR

Efficiency and dimming

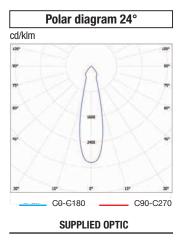
The increase in luminous efficacy (Im/W) and the useful life of the device may vary significantly according to the degree to which it is dimmed. Assuming an average level of 50% of the luminous flux, the following results are obtained with the Expo LED:

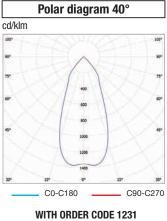
Dimming 💷	50 %
Device duration	+40 %
Luminous efficiency	+15 %





EMARTORIVER





SPECIAL VARIANTS: COLOUR TEMPERATURE ON REQUEST, COLOUR RENDERING ${\geq}90$ Contact the Beghelli sales network

Expo LED SmartDriver 50												
Power* W	Order code	Description	LED Power W	Colour Temp. K	Colour rendering	Power consumption max W	N°LEDs	Flux of LEDs Im (Tj=25°C)	Flux of fixture Im	lm/W	Energy Class	Packaging
	THREE-PHASE VERSION									E VERSION		
1×70	R170SD24	EXPO LED BTRF 1X70 24SD 3K	21	3 000	≥80	26	1 COB	3 400	3 100	119	A++	1/1
1× 150	R1150SD24	EXPO LED BTRF 1X150 24SD 3K	38	3 000	≥80	43	1 COB	5 500	5 000	116	A++	1/1
	SINGLE-PHASE VERSION										E VERSION	
2× 70	R170MFSD24	EXPO LED BMF 1X70 24SD 3K	21	3 000	≥80	26	1 COB	3 400	3 100	119	A++	1/1
2×150	R1150MFSD24	EXPO LED BMF 1X150 24SD 3K	38	3 000	≥80	43	1 COB	5 500	5 000	116	A++	1/1