

PX 04

Technical data

PX 04...	
Marking to 94/9/EC	Ⓔ II 2 G Ex de IIB T ¹⁾ Ⓔ II 2 D Ex tD A21 IP67 T ¹⁾ °C
EC-Type Examination Certificate	BVS 09 ATEX E 50 X
IECEX Certificate of Conformity	IECEX BKI 07.0041
Marking accd. to IECEx	Ex de IIB T2-T4 Ex tD A21 IP66 T85 °C - 210 °C
Permissible ambient temperature	-20 °C to +55 °C (-55 °C up to +55 °C optional)
Rated voltage	with control gear 230 V AC ²⁾ without control gear ≤ 250 V AC
Rated current	¹⁾
Frequency	50 Hz ²⁾
Power factor cos φ	> 0.85
Circuit	compensated circuit
Connecting terminals	L1, N: 2 x 4 mm ² ; PE: 2 X 6 mm ²
Insulation class	I
Lamp/Illuminant	¹⁾
Lamp cap	E 40 (E27 for 70 W HIT and HST, 150 HIT) acc. IEC 60238
Light efficiency in operation	62 %
Degree of protection accd. EN 60529	IP67
Cable glands/Gland plates/Enclosure drilling	Indirect entries: 2 x M25 x 1.5 with or without cableglands (see table), one plugged
Dimensions (L x W x H)	546 x 443 x 396 mm (with control gear) 546 x 443 x 340 mm (without control gear)
Weight	approx. 31 kg (with control gear) approx. 23 kg (without control gear)
Type of mounting	mounting bracket
Enclosure material	light alloy
Enclosure colour	grey
Protective cover/protective bowl	borosilicate glass
Reflector	polished aluminium reflector
Enclosure earth	2 x 6 mm ²

¹⁾ see table

²⁾ other voltages or frequencies on request

³⁾ depends on lamp

Additional lamp data

Type	Rated luminous flux ³⁾	Temperature class II 2 G		Max. surface temp. II 2 D	
		T _{ambient} ≤ +40 °C	T _{ambient} ≤ +55 °C	T _{ambient} ≤ +40 °C	T _{ambient} ≤ +55 °C
HS_ - 70 W	6000 lm	T4	T4	T85 °C	T100 °C
HI_ - 70 W	6300 lm	T4	T4	T90 °C	T105 °C
HS_ - 150 W	17000 lm	T4	T4	T115 °C	T130 °C
HI_ - 150 W	14000 lm	T4	T4	T105 °C	T120 °C
HS_ - 250 W	33000 lm	T4	T3	T130 °C	T145 °C
HI_ - 250 W	20000 lm	T4	T3	T130 °C	T145 °C
HME - 250 W	13000 lm	T3	T3	T150 °C	T165 °C
HST - 400 W	55500 lm	T3	T3	T175 °C	T190 °C
HIT - 400 W	35000 lm	T3	T3	T170 °C	T185 °C
HME - 400 W	22000 lm	T3	T2	T186 °C	T201 °C
HST - 600 W	90000 lm	T3	T2	T195 °C	T210 °C
IQT - 500 W	10000 lm	T3	T2	T185 °C	T200 °C

Ex-Floodlight



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Ordering details

Type	Reflector	Lamp	Lamp	Rated current	Ex-e metal cable gland for cable	Order No.
PX 0460	narrow beam	High pressure sodium lamp	HST 600 W	3.13 A	Ø 9 - 14 mm	NOR 000 115 170 243
PX 0460	narrow beam	High pressure sodium lamp	HST 600 W	3.13 A	–	NOR 000 115 170 215
PX 0460	wide beam	High pressure sodium lamp	HST 600 W	3.13 A	Ø 9 - 14 mm	NOR 000 115 170 343
PX 0460	wide beam	High pressure sodium lamp	HST 600 W	3.13 A	–	NOR 000 115 170 315
PX 0440S	narrow beam	High pressure sodium lamp	HS_ 400 W ¹⁾	2.02 A	Ø 9 - 14 mm	NOR 000 115 170 244
PX 0440S	narrow beam	High pressure sodium lamp	HS_ 400 W ¹⁾	2.02 A	–	NOR 000 115 170 221
PX 0440S	wide beam	High pressure sodium lamp	HS_ 400 W ¹⁾	2.02 A	Ø 9 - 14 mm	NOR 000 115 170 344
PX 0440S	wide beam	High pressure sodium lamp	HS_ 400 W ¹⁾	2.02 A	–	NOR 000 115 170 321
PX 0440H	narrow beam	High pressure metal halide	HI_ 400 W ²⁾	1.98 A	Ø 9 - 14 mm	NOR 000 115 170 149
PX 0440H	narrow beam	High pressure metal halide	HI_ 400 W ²⁾	1.98 A	–	NOR 000 115 170 222
PX 0440H	wide beam	High pressure metal halide	HI_ 400 W ²⁾	1.98 A	Ø 9 - 14 mm	NOR 000 115 170 349
PX 0440H	wide beam	High pressure metal halide	HI_ 400 W ²⁾	1.98 A	–	NOR 000 115 170 322
PX 0440M	narrow beam	Mercury vapor	HME 400 W	–	–	NOR 000 115 170 251
PX 0425	narrow beam	H.P. sodium lamp/Metal halide	HS_ / HI_250 W	1.35 A	Ø 9 - 14 mm	NOR 000 115 170 245
PX 0425	narrow beam	H.P. sodium lamp/Metal halide	HS_ / HI_250 W	1.35 A	–	NOR 000 115 170 227
PX 0425	wide beam	H.P. sodium lamp/Metal halide	HS_ / HI_250 W	1.35 A	Ø 9 - 14 mm	NOR 000 115 170 345
PX 0425	wide beam	H.P. sodium lamp/Metal halide	HS_ / HI_250 W	1.35 A	–	NOR 000 115 170 327
PX 0425M	narrow beam	Mercury vapor	HME 250 W	–	–	NOR 000 115 170 257
PX 0415	narrow beam	H.P. sodium lamp/Metal halide	HS_ / HI_150 W	1.05 A	Ø 9 - 14 mm	NOR 000 115 170 246
PX 0415	narrow beam	H.P. sodium lamp/Metal halide	HS_ / HI_150 W	1.05 A	–	NOR 000 115 170 233
PX 0415	wide beam	H.P. sodium lamp/Metal halide	HS_ / HI_150 W	1.05 A	Ø 9 - 14 mm	NOR 000 115 170 346
PX 0415	wide beam	H.P. sodium lamp/Metal halide	HS_ / HI_150 W	1.05 A	–	NOR 000 115 170 333
PX 0407	narrow beam	High pressure sodium lamp	HS_ 70 W	0.35 A	Ø 9 - 14 mm	NOR 000 115 170 230
PX 0407	narrow beam	High pressure sodium lamp	HS_ 70 W	0.35 A	–	NOR 000 115 170 229
PX 0405	narrow beam	Halogen IQT	500 W	2.17 A	Ø 9 - 14 mm	NOR 000 115 170 248
PX 0405	narrow beam	Halogen IQT	500 W	2.17 A	–	NOR 000 115 170 209
PX 0405	wide beam	Halogen IQT	500 W	2.17 A	Ø 9 - 14 mm	NOR 000 115 170 348
PX 0405	wide beam	Halogen IQT	500 W	2.17 A	–	NOR 000 115 170 309

¹⁾ Valid for lamps HI_ 400 W (4.2 A)

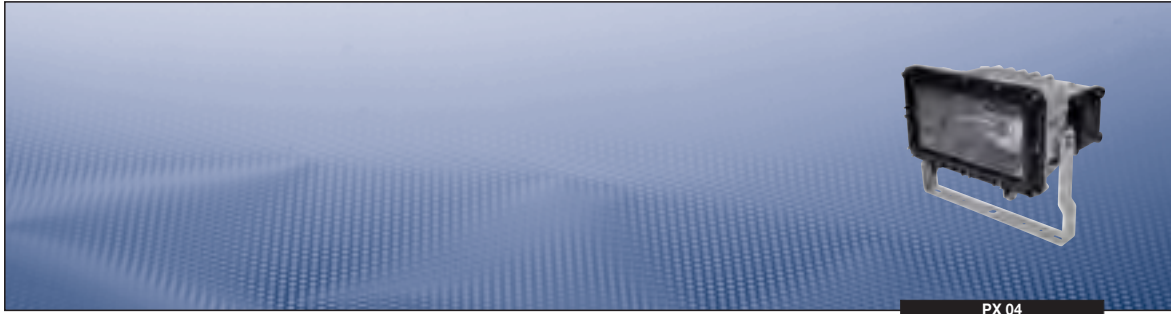
²⁾ Valid for lamps HI_ 400 W (3.5 A)

Lamps and fixing accessories are not included

Accessories

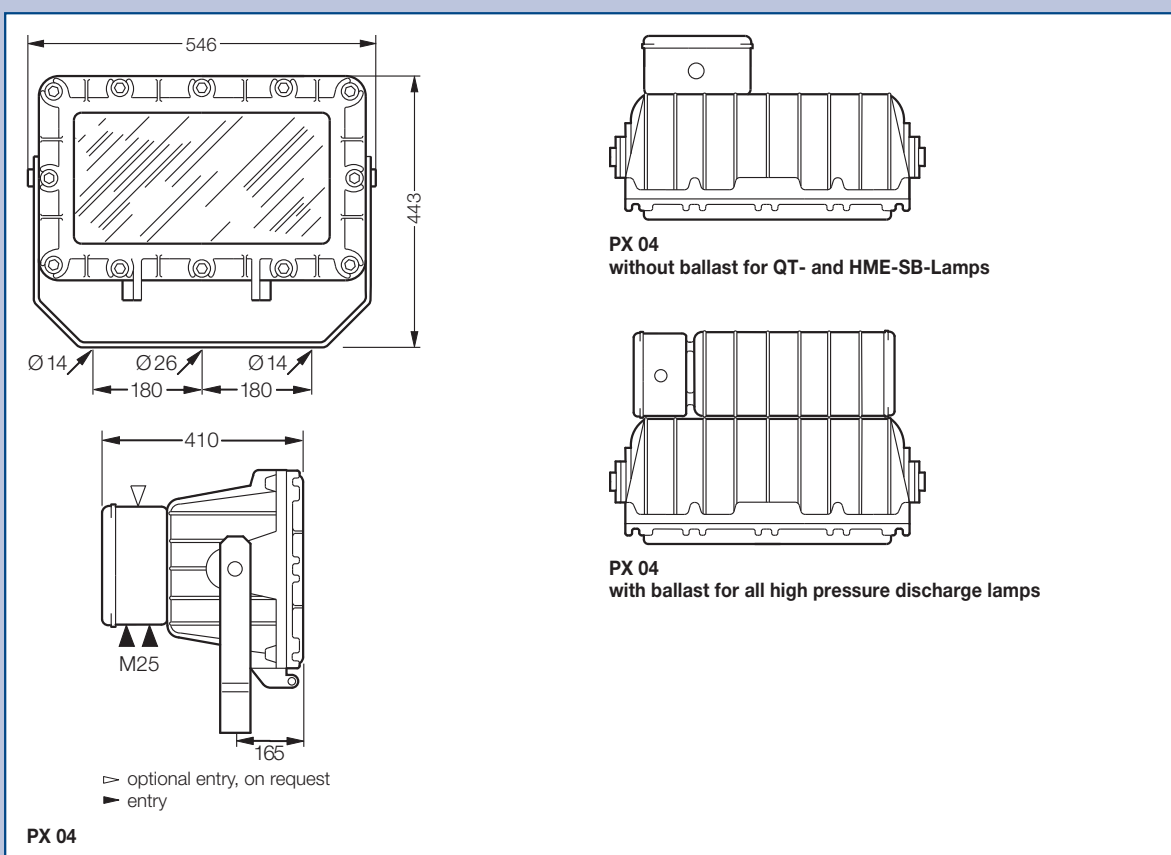
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Type	Content	Order No.
SB	Pipe fixing Ø 48 mm to Ø 64 mm	NOR 000 005 170 583
ATP	Portable stand, painted steel	NOR 000 005 170 715
PAH	Horizontal steel shade, painted steel	NOR 000 005 170 608
PAV	Vertical steel shade, painted steel	NOR 000 005 170 591

Metal cable glands see page 8.10...

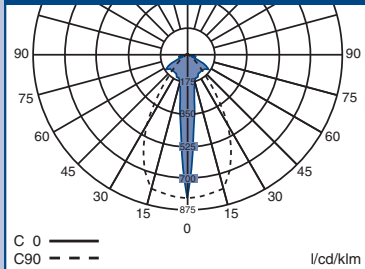


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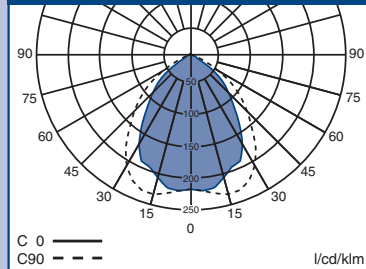
Dimensions drawing



Polar curve
PX 04 with narrow beam reflector



Polar curve
PX 04 with wide beam reflector



Dimensions in mm

1
2
3
4
5
6
7
8
9
10
11
12