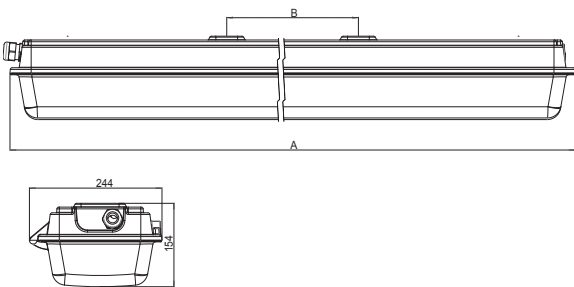


EXTEND – Ex – P - LED

IP 66



FTZÚ 10 ATEX 0080X



Application: LED dustproof lighting fixture with resistance against of water jets is designed for premises with danger of explosion. Certified by FTZU Ostrava-Radvanice (certificate FTZU 16 ATEX 0080X).

Ballast: Electronic ballast 110-254V, 50/60Hz
Electronic ballast 220-250V, 0Hz

Body: Plastic material Menzolit SMC 0190 (polyester filled with fibreglass)

Cover: Plastic material PC (Panlite L – 1250 Z100), transparent colour

Fastening: Direct fastening on the carrier base, fastening on ceiling or wall by means of ceiling brackets

Connection: WAGO Ex terminal block, max. cross-section of wires 4 mm; lighting fixture is ready to connect two wires

Standard equipment: 1 pc sealing cable gland, 2 pcs sealing plug, double cable clamp

On request: **1F/3F** – one or three phase through-wiring connection

Em – non-maintained emergency lighting (1,5 h, 3 h)

MULTI – maintained emergency lighting (1,5 h, 3 h)

		Tc/A	(lm)*	(W)**	ArBxCxDxE (mm)
--	--	------	-------	-------	----------------

- electronic ballast with disconnector, -20°C ≤ ta ≤ +55°C

054720	EXTEND-Ex-P-LED-D-2500-218-4K	4000K	2500	28	728x570
054721	EXTEND-Ex-P-LED-D-5000-236-4K	4000K	5000	55	1328x830

		Tc/A	(lm)*	(W)**	ArBxCxDxE (mm)
--	--	------	-------	-------	----------------

- electronic ballast without disconnector, -20°C ≤ ta ≤ +55°C

054730	EXTEND-Ex-P-LED-WOD-2500-218-4K	4000K	2500	28	728x570
054731	EXTEND-Ex-P-LED-WOD-5000-236-4K	4000K	5000	55	1328x830

		Tc/A	(lm)*	(W)**	ArBxCxDxE (mm)
--	--	------	-------	-------	----------------

- non-maintained emergency mode, duration 1,5h, 3h, ta 0-35°C

054726	EXTEND-Ex-P-Em-LED-2500-218-4K, 1,5h	4000K	2500	28	728x570
054728	EXTEND-Ex-P-Em-LED-2500-218-4K, 3h	4000K	2500	28	728x570

		Tc/A	(lm)*	(W)**	ArBxCxDxE (mm)
--	--	------	-------	-------	----------------

- non-maintained emergency mode, duration 1,5h, 3h, ta 0-45°C

054727	EXTEND-Ex-P-Em-LED-5000-236-4K, 1,5h	4000K	5000	55	1328x830
054729	EXTEND-Ex-P-Em-LED-5000-236-4K, 3h	4000K	5000	55	1328x830

		Tc/A	(lm)*	(W)**	ArBxCxDxE (mm)
--	--	------	-------	-------	----------------

- maintained emergency mode, duration 1,5h, 3h,, ta 0-35°C

054722	MULTIEXTEND-Ex-P-LED-2500-218-4K, 1,5h	4000K	2500	28	728x570
054724	MULTIEXTEND-Ex-P-LED-2500-218-4K, 3h	4000K	2500	28	728x570

		Tc/A	(lm)*	(W)**	ArBxCxDxE (mm)
--	--	------	-------	-------	----------------

- maintained emergency mode, duration 1,5h, 3h, ta 0-45°C

054723	MULTIEXTEND-Ex-P-LED-5000-218-4K, 1,5h	4000K	5000	55	1328x830
054725	MULTIEXTEND-Ex-P-LED-5000-236-4K, 3h	4000K	5000	55	1328x830

- special equipment

051139	Set of ceiling brackets EXTEND (2pcs)
004642	EXTEND set of pole brackets (2pcs)

(lm)* - luminous flux, (W)** - input power

This project has been realized with the financial support from the national budget through the Ministry of Industry and Trade

ČVUT - Faculty of Electrical Engineering cooperated on this project



EUROPEAN UNION
EUROPEAN REGIONAL DEVELOPMENT FUND
INVESTMENT IN YOUR FUTURE



Application of light fixtures in areas with danger of explosion

	Marking of external influences	Classification areas	
		Marking	Formation prescription
Danger of explosion of flammable dust	BE3N1	ZÓNA 21, 22	ČSN EN 60079-14 ČSN EN 60079-10-2
Danger of explosion of flammable gases and vapors	BE3N2	ZÓNA 1, 2	ČSN EN 60079-14 ČSN EN 60079-10-1

EXTEND- Ex – P - LED

EXTEND- Ex – P - LED -WOD

Ⓢ II 2G Ex db eb mb OP IS IIC T4 Gb

Ⓢ II 2G Ex eb mb OP IS IIC T4 Gb

Ⓢ II 2D Ex tb IIIC T 71°C Db

Ⓢ II 2D Ex tb IIIC T 71°C Db

System of marking

EXTEND-Ex-P-LED-XXXX-YYY-WOD	EXTEND -Ex – P-LED without disconnector
EXTEND-Ex-P-LED-XXXX-YYY-D	EXTEND -Ex – P -LEDwith disconnector
EXTEND-Ex-P-LED-XXXX-YYY-1P	EXTEND -Ex – P-LED + with one-phase through wiring connection
EXTEND-Ex-P-LED-XXXX-YYY-3P	EXTEND -Ex – P-LED + with three-phase through wiring connection

xxxx - means luminous flux 2500/5000

YYY – means type of used housing 218/236