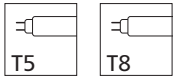


PEP | PEM



A versatile and robust weatherproof luminaire with a classic line design for a wide range of general and industrial applications.

- Open and closed parking areas
- Workstations
- Warehouses
- Corridors
- Production halls



PMMA
650°C
IK03

PC
850°C
IK08

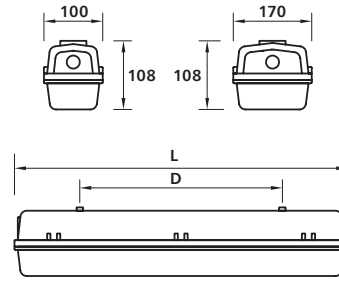
IP65

RoHS



MATERIAL

Housing: Glass fibre reinforced polyester (RAL 7035)
 PEP diffuser: Transparent polycarbonate (PC)
 PEM diffuser: Transparent acrylic (PMMA)
 Gear tray: White laquered steel plate
 Clips: Plastic
 Gasket: Polyurethane, poured in one piece



PRODUCT OPTIONS

- Special Voltages: 220V / 50-60Hz; 240V / 50Hz; 110V / 50-60Hz
- Through wiring: 3x1.5mm²; 3x2.5mm²; 5x1.5mm²; 5x2.5mm²
- Stainless steel clips
- Emergency kit: Maintained, non-maintained or combined function and duration of 1 or 3 hours
- Dimmable ballast (analog: ED / digital: EDD)

ACCESSORIES (must be ordered separately)

- Steel wire 2m with hook and fastener (10103049)
- Suspension kit (414551)
- High polished aluminium reflector (MIRO 4)

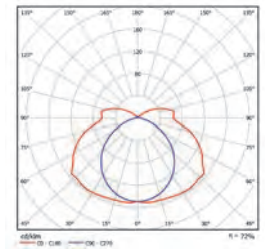
Rated voltage: 230V Frequency: 50Hz
 Ta: -5° to 40°C
 Ta emergency: 0° to 40°C

PEP T5

Description	Code	Description	Code
PEP 114 E	10017079	PEP 214 E	10016914
PEP 124 E	10094751	PEP 224 E	10094753
PEP 128 E	10017080	PEP 254 E	10016917
PEP 154 E	10016250	PEP 228 E	10116668
PEP 135 E	10017081	PEP 235 E	10022079
PEP 149 E	10016268	PEP 249 E	10016916
PEP 180 E	10094752	PEP 280 E	10094085

PEP T8

Description	Code		
	...E	...K	...L
PEP 118 ...	10012203	10012197	10012193
PEP 136 ...	10007406	10012236	10012233
PEP 158 ...	10012300	10012293	10012288
PEP 170 ...	10094754	10094756	10094755
PEP 218 ...	10012362	10012356	10007410
PEP 236 ...	10007413	10012402	10012399
PEP 258 ...	10012462	10012452	10012449
PEP 270 ...	10094757	10094759	10094758



PEM 2x36W

PEM T5

Description	Code	Description	Code
PEM 114 E	10094931	PEM 214 E	10015096
PEM 124 E	10094932	PEM 224 E	10015097
PEM 128 E	10094933	PEM 228 E	10015098
PEM 154 E	10094934	PEM 254 E	10015101
PEM 135 E	10051623	PEM 235 E	10015099
PEM 149 E	10020496	PEM 249 E	10015100
PEM 180 E	10015686	PEM 280 E	10015102

PEM T8

Description	Code		
	...E	...K	...L
PEM 118 ...	10012517	10007415	10012508
PEM 136 ...	10012571	10012562	10012555
PEM 158 ...	10012623	10012616	10012612
PEM 170 ...	10094935	10094937	10094936
PEM 218 ...	10012680	10012674	10007419
PEM 236 ...	10012737	10012728	10012722
PEM 258 ...	10012787	10012778	10012775
PEM 270 ...	10094938	10094940	10094939

L x W x H (mm)	L	D	Vol. [m ³]	KG			EuroPallet
				E	K	L	
1x14/18/24W	666	230	0.0068	1.50	1.86	1.82	224
1x28/36/54W	1275	840	0.0125	2.33	2.68	2.65	112
1x35/49/58/80W	1575	1140	0.0153	3.25	3.85	3.83	112
1x70W	1872	1102	0.0180	4.16	4.76	4.65	110
2x14/18/24W	666	230	0.0116	2.13	2.36	2.32	128
2x28/36/54W	1275	840	0.0204	3.34	4.20	4.12	64
2x35/49/58/80W	1575	1140	0.0251	4.37	5.75	5.67	64
2x70W	1872	1102	0.0289	5.93	7.53	7.41	64



Suspension kit

414551

E Electronic (High frequency) K High power factor L Low power factor



RESISTANCE TO CHEMICAL AGENTS

Chemical Agents	Polyester	Polycarbonate	Acrylic	Aluminium	PMMA
Acetic acid 10%	✓	✓	✓	✓	✓
Acetone	⊖	x	x	✓	x
Alcoholic beverages	✓	✓	✓	✓	⊖
Aluminium sulphate	✓	✓	✓	✓	✓
Ammonia 5%	⊖	x	✓	✓	✓
Aniline	⊖	x	⊖	✓	x
Arsenic acid 20%	⊖	✓	✓	✓	✓
Benzene	x	x	x	✓	x
Bencylic alcohol	x	x	x	⊖	x
Bromine	x	x	x	x	x
Calcium Chloride	✓	✓	✓	✓	✓
Calcium nitrate	✓	✓	✓	✓	✓
Carbon tetrachloride	x	x	x	✓	x
Carbonic acid	✓	x	x	✓	x
Caustic potash 5%	x	x	✓	x	✓
Cement	✓	✓	✓	✓	✓
Hydrochloric acid 1-5%	⊖	✓	✓	x	✓
Chlorine liquids (vapours)	x	x	x	x	x
Chloroform	x	x	x	✓	x
Chromic acid	x	⊖	⊖	x	⊖
Citric acid 20%	✓	✓	✓	✓	✓
Copper sulphate	✓	✓	✓	x	✓
Diesel-naphta oil	✓	⊖	✓	✓	✓
Ethyl alcohol 30%	✓	✓	✓	✓	⊖
Ethyl chloride	x	x	x	⊖	x
Ethyl ether	✓	x	x	✓	x
Food oils and fats	✓	x	✓	✓	✓
Formic acid 10%	⊖	✓	✓	x	✓
Glycerine	✓	✓	✓	✓	✓
Hexane	⊖	✓	✓	✓	✓
Iodine	✓	x	x	⊖	✓
Iron chloride	✓	✓	✓	⊖	✓
Isopropyl alcohol	✓	⊖	⊖	✓	⊖
Lubricating oil	✓	✓	✓	✓	✓
Magnesium sulphate	✓	✓	✓	✓	✓
Methanol	✓	x	x	✓	⊖
Mineral oils	✓	✓	✓	✓	✓
Nitric acid 20%	x	⊖	⊖	x	✓
Oxygen	✓	✓	✓	✓	✓
Ozone	✓	✓	✓	✓	✓
Perchloric acid 10%	x	✓	✓	x	✓
Petrol	✓	x	✓	✓	✓
Phenol	⊖	x	x	✓	x
Potassium bromide	✓	✓	✓	⊖	✓
Potassium nitrate	✓	✓	✓	✓	✓
Potassium permanganate	✓	✓	✓	✓	✓
Sea climate	✓	✓	✓	⊖	✓
Silicon oils	✓	✓	⊖	✓	⊖
Soda bleach 15%	✓	x	✓	⊖	✓
Sodium chloride	✓	✓	✓	⊖	✓
Sodium hydroxide 5%	✓	x	✓	x	✓
Sodium sulphate	✓	✓	✓	✓	✓
Sugar	✓	✓	✓	✓	✓
Sulphur	✓	✓	✓	✓	✓
Sulphuric acid 30%	x	✓	✓	x	✓
Toluene	x	x	x	✓	x
Trichloroethylene	x	x	x	✓	x
Zinc sulphate	✓	✓	✓	⊖	✓

✓	Resistant
⊖	Relatively resistant
x	Non-resistant

IP & IK PROTECTION CLASSES

IP **6**6

FIRST INDEX FIGURE

Protection against the penetration of solid matter and dust.

0	Unprotected
1	Protected against solid matter greater than 50 mm
2	Protected against solid matter greater than 12 mm
3	Protected against solid matter greater than 2.5 mm
4	Protected against solid matter greater than 1 mm (e.g. small tools, small cables, etc.)
5	Protected against dust (without damaging sediment)
6	Protected against dust

IP 6**6**

SECOND INDEX FIGURE

Protection against the penetration of liquids.

0	Unprotected
1	Protected against vertical water splashes (condensation)
2	Protected against water splashes of up to 15° of the vertical
3	Protected against water splashes of up to 60° of the vertical
4	Protected against water projections in all directions
5	Protected against water assault in all directions
6	Protected against water assault similar to heavy seas
7	Protected against immersion
8	Protected against prolonged effects of underwater immersion

IK **08**

Protection against impacts.

00	Unprotected
01	Impact Energy 0.15 Joules
02	Impact Energy 0.20 Joules
03	Impact Energy 0.35 Joules
04	Impact Energy 0.50 Joules
05	Impact Energy 0.70 Joules
06	Impact Energy 1 Joule
07	Impact Energy 2 Joules
08	Impact Energy 5 Joules
09	Impact Energy 10 Joules
10	Impact Energy 20 Joules

The protection level of the luminaires against the penetration of dust, solid matter and dampness is in accordance with the UNE 20324-93 and the EN 60529 standards, a classification awarded for protection levels provided for the coverings.

The third figure level of protection is in accordance with annexe ZB of UNE 20324-93 standard, and deals with mechanical protection against impact.