



## technical data type PLX

**Base :** Glass reinforced polyester, compression moulded (GRP)

- *Optional* : Stainless steel suspension bracket.
- *Optional* : Double cable entry (same side).
- *Optional* : PWG60 : quick installation grommet. IP65

**Diffuser :** lined diffuser available in PMMA, or PC.

**Impact strength data of the diffuser :**

- diffuser in PMMA : < 0.22 Nm
- diffuser in PC : > 6 Nm

**Reflector :** white metal gear tray

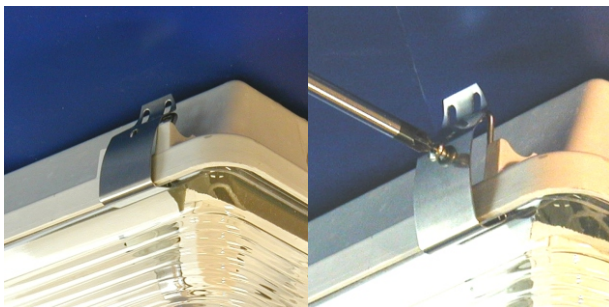
- *Optional* : Bright anodised aluminium mirror

Clips : 3-part polycarbonate clips or 2-part stainless steel clips



**Electrical specifications :**

- ferromagnetic ballast and switch or electronic starters
- *optional* : - parallel compensation
- low loss ballast
- HF or HFD ballast
- throughwiring in polyester housing:  
1 or 3 fase (3 x 2.5 mm<sup>2</sup>) (5 x 2.5 mm<sup>2</sup>)
- emergency modules in option:

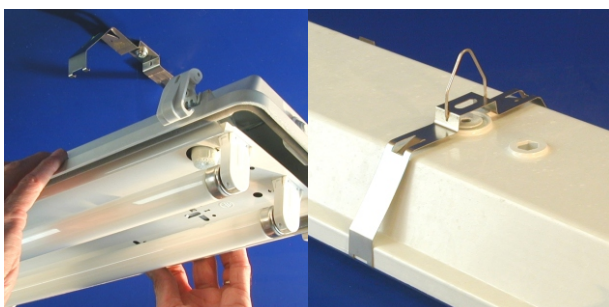


Metal clip  
(optional)

Vandal proof clip  
(optional)

**Lamps :**

- fluorescent T8 lamps in 18w - 36w - 58w - 70w
- compact fluorescent lamp versions on request
- T5 in 28w - 35w - 49w - 54w - 80w available



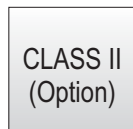
Stainless steel susp.  
bracket (optional)

Stainless steel susp.  
bracket (optional)

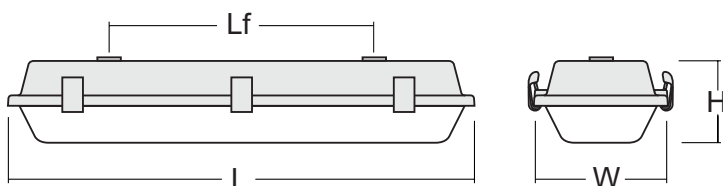


Alum. reflector  
(optional)

Double cable-entry  
(optional)



# technical data type PLX



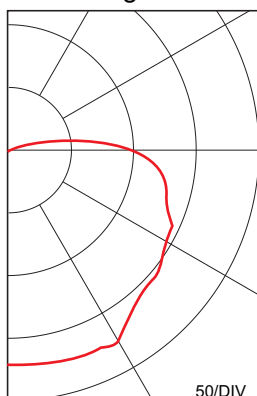
Model T8	Model T5	L	W*	H	Lf	Clips
1x 18W	1x14/24W	702	102	105	500	6
1x 36W	1x28W	1312	102	105	800	8
1x 58W	1x35/49W	1612	102	105	1100	10
2x 18W	2x14/24W	702	172	105	500	6
2x 36W	1x54W / 2x28W	1312	172	105	800	8
2x 58W	1x80W / 2x35/49W	1612	172	105	1100	10
2x70W		1874	172	105	1100	14

\*Dimensions without clips

## PLX mono

Correction factors : 18W: 0.93 36W: 1.00 58W: 0.95

### Polair Diagram



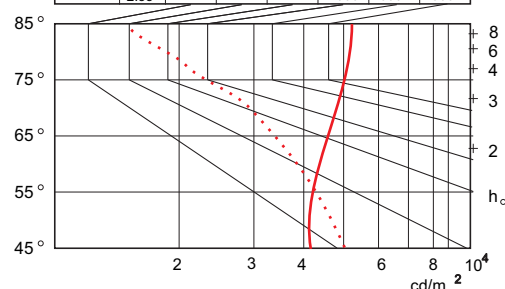
### Utilisation Factors

	.8	.7	.7	.5	.5	.5
Ceilings	.8	.7	.7	.5	.5	.5
Walls	.5	.5	.3	.5	.3	.3
Floor	.3	.1	.3	.3	.3	.1
Room ind. K						
0.60	.31	.29	.24	.29	.23	.22
0.80	.39	.35	.30	.35	.29	.28
1.00	.45	.40	.36	.40	.34	.33
1.25	.51	.45	.42	.46	.39	.38
1.50	.56	.49	.46	.50	.44	.41
2.00	.63	.55	.54	.56	.50	.47
2.50	.68	.59	.59	.60	.55	.52
3.00	.72	.62	.63	.64	.59	.55
4.00	.77	.65	.69	.68	.64	.59
5.00	.81	.68	.73	.71	.67	.62

### Glare Evaluation

(1x2850 lm)

Quality class	G	Service illuminance (Lux)					
B	1.5	1000	500	300			
C	1.15		1000	500	300		
D	1.85			1000	500	300	
E	2.55				1000	500	300



e/h : 1.64

Lum.Eff.: 77.0 % (η)

C.I.E.: 34 62 83 90 η

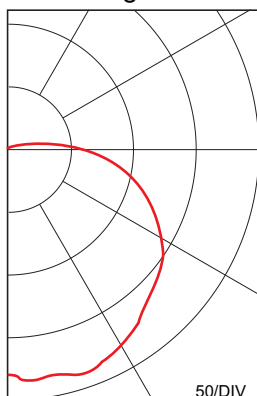
BZ6

UTE : .69G+.08T

## PLX DUO

Correction factors : 18W: 0.95 36W: 1.00 58W: 0.94

### Polair Diagram



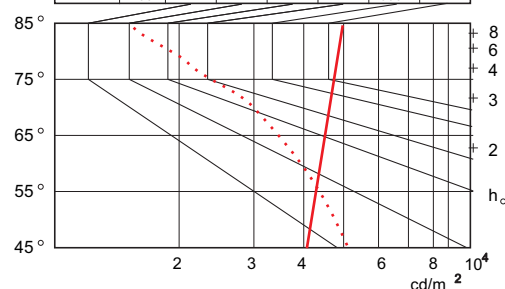
### Utilisation Factors

	.8	.7	.7	.5	.5	.5
Ceilings	.8	.7	.7	.5	.5	.5
Walls	.5	.5	.3	.5	.3	.3
Floor	.3	.1	.3	.3	.3	.1
Room ind. K						
0.60	.31	.29	.24	.29	.23	.22
0.80	.38	.35	.30	.35	.29	.28
1.00	.44	.40	.36	.40	.34	.33
1.25	.50	.45	.41	.45	.40	.38
1.50	.55	.48	.46	.49	.44	.42
2.00	.62	.54	.53	.56	.50	.48
2.50	.67	.58	.58	.60	.55	.52
3.00	.70	.60	.62	.63	.59	.54
4.00	.75	.64	.68	.67	.63	.58
5.00	.78	.66	.71	.69	.66	.61

### Glare Evaluation

(2x2850 lm)

Quality class	G	Service illuminance (Lux)					
B	1.5	1000	500	300			
C	1.15		1000	500	300		
D	1.85			1000	500	300	
E	2.55				1000	500	300



e/h : 1.64

Lum.Eff.: 72.0 % (η)

C.I.E.: 38 67 88 93 η

BZ6

UTE : .67G+.005T

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