

Lili
The Linear Lighting



technical data type **FUTURIX**

Base: glass reinforced polyester, compression moulded (GRP), or injected polycarbonate.

- *Optional* : Stainless steel suspension bracket.
- *Optional* : PWG60 : quick installation grommet. IP65

Diffuser: an injected lined diffuser in polycarbonate and BC7.

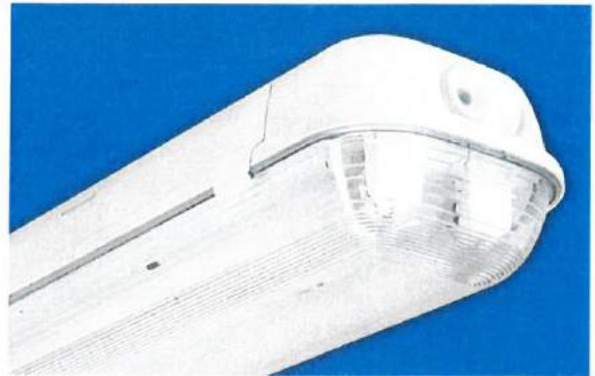
Impact strength data of the diffuser: please ask for the "Technical characteristics of Plastics" datasheet

Reflector: white painted metal gear tray, hingeable on the reflector retaining clip for maintenance

- *Optional* : Bright anodised aluminium mirror.

Clips: 1-part polycarbonate clips

- *Optional* : 1-part stainless steel clips
- *Optional* : 1-part Polyamide clips (molded hinge)

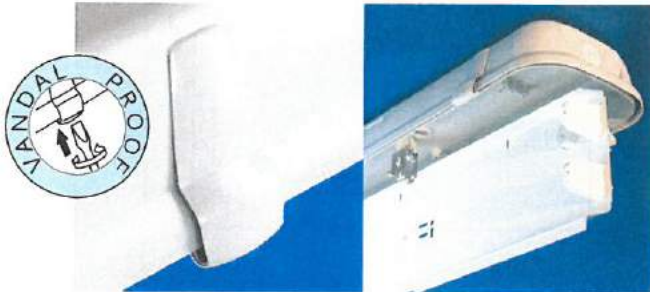


Electrical specifications:

- ferromagnetic ballast and switch or electronic starters
- electronic ballast
- optional: - low loss ballast
- HFD ballast
- throughwiring in polyester housing: 1or3 fase (3 x 2.5 mm²) (5 x 2.5 mm²)
- emergency module

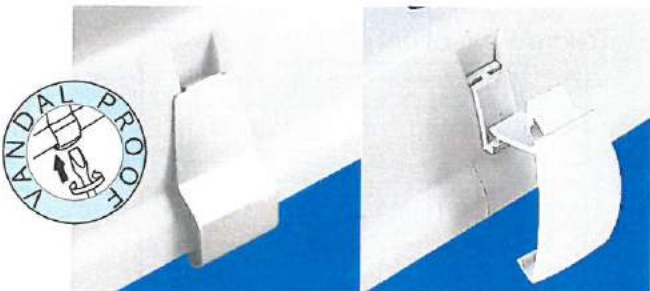
Lamps:

- fluorescent T8 lamps in 18w - 36w - 58w
- T5 in 14w - 24w - 28w - 35w - 49w - 54w - 80w available.



Polycarbonate clip (vandal proof)

"Hang-on" reflector



Stainless steel clip (optional)

Hinge able polyamide clip (optional)

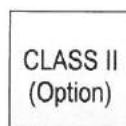
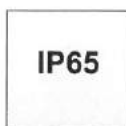


Stainless steel susp. bracket (optional)

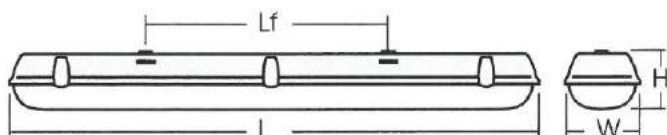
PWG60 Quick installation grommet IP65 (optional)



V09.12.2013



technical data type FUTURIX



Model T8	Model T5	L	W*	H	Lf
1x 18W	1x14/24W	665	84	98.5	400
1x 36W	1x28W	1275	84	98.5	800
1x 58W	1x35/49W	1575	84	98.5	1100
2x 18W	2x14/24W	665	134	98.5	400
2x 36W	1x54W / 2x28W	1275	134	98.5	800
2x 58W	1x80W / 2x35/49W	1575	134	98.5	1100

*Dimensions without clips

Futurix 1x36 Correction factors : 18W: 0.95 36W: 1.00 58W: 0.95

Polair Diagram

Utilisation Factors

Room Ind. K	0.60	0.80	1.00	1.25	1.50	2.00	2.50	3.00	4.00	5.00
Ceilings	.8	.7	.7	.5	.5	.5				
Walls	.5	.5	.3	.5	.3	.3				
Floor	.3	.1	.3	.3	.3	.1				

Glare Evaluation (1x3350 lm)

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

e/h : 1.72 | Lum.Eff.: 74.5 % (η) | C.I.E.: 33 61 82 87 74 η | BZ6 | UTE : .65H+.10T

Futurix 2x36 Correction factors : 18W: 0.99 36W: 1.00 58W: 0.94

Polair Diagram

Utilisation Factors

Room Ind. K	0.60	0.80	1.00	1.25	1.50	2.00	2.50	3.00	4.00	5.00
Ceilings	.8	.7	.7	.5	.5	.5				
Walls	.5	.5	.3	.5	.3	.3				
Floor	.3	.1	.3	.3	.3	.1				

Glare Evaluation (2x3350 lm)

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

e/h : 1.54 | Lum.Eff.: 72.3 % (η) | C.I.E.: 38 67 87 89 72 η | BZ6 | UTE : .64G+.8T



technical data type FUTURIX-PC

Base: Injected polycarbonate. Grey colour.
Standard suspension brackets.

- **Optional** :
- Transparent.
 - Transparent yellow (honey).
 - Transparent blue (lagoon).
 - Transparent green (mint).
 - Transparent red (rio).

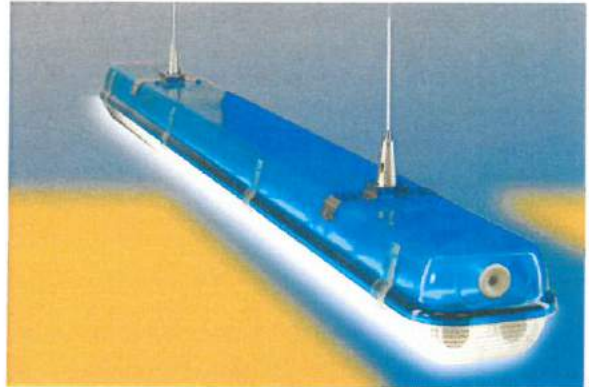
Diffuser: an injected lined diffuser in polycarbonate or BC7.

Reflector: white painted metal gear tray, hingeable on the reflector retaining clip for maintenance.
Special perforated gear tray for transparent 2-lamp versions.

Clips: 1-part polycarbonate clips, stainless steel clips or 1-part polyamide clips (hingeable).

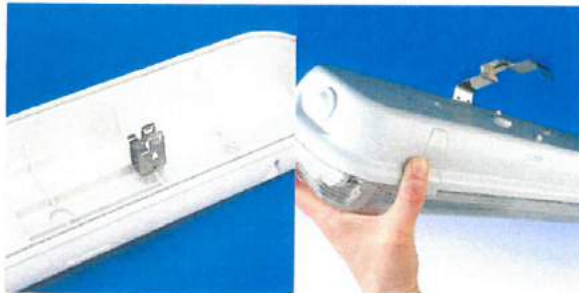
Electrical specifications:

- ferromagnetic ballast and switch or electronic starters (only available with grey coloured base).
- Electronic ballast.
- optional:
 - HFD ballast
 - throughwiring in housing.
 - Emergency module.



Lamps:

- fluorescent T8 lamps in 36w - 58w
- T5 in 28w - 35w - 49w - 54w - 80w available.



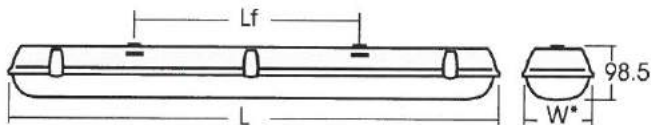
Injected polycarbonate base (grey)

Stainless steel suspension bracket



Transparent yellow base (optional)

Transparent blue base (optional)



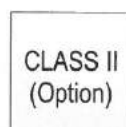
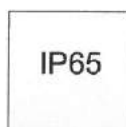
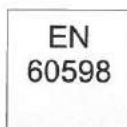
Model T8	Model T5	L	W	Lf
1x 36W	1x28W	1275	84	800
1x 58W	1x35/49W	1575	84	1100
2x 36W	1x54W / 2x28W	1275	134	800
2x 58W	1x80W / 2x35/49W	1575	134	1100

*Dimensions without clips



Transparent green base (optional)

Transparent red base (optional)





technical data type **FUTURIX Led** **Ecoline**

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

- *Optional* : - Stainless steel suspension bracket.
- IP66 Wieland connector.
- IP66 Stucchi connector.

Diffuser: is made of a special frosted polycarbonate for a smooth uniform lighting.

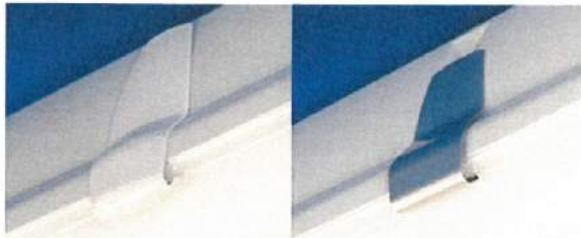
- *Optional* : Acrylic frosted diffuser.

Impact strength data of the diffuser:

diffuser in PC > 6 Nm
PMMA > 0,22 Nm

Clips: 1-part polycarbonate clips.

- *Optional* : 1-part stainless steel clips.



Polycarbonate clip

Stainless steel clip
(optional)



High quality
linear Led module

Stainless steel
suspension bracket
(optional)



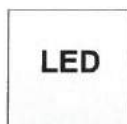
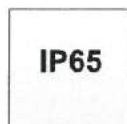
IP65 Wieland
connector (optional)

Specifications:

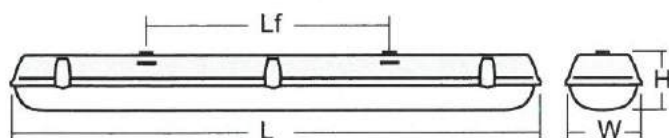
- Product life min. 50.000h L70 B10 at Ta.max.
- Available in 4000K with CRI of min. 80.
- *Optional* : 3000 and 6500K.
- Luminous efficiency frosted diff.: up to ** 108 lm/W.
- 220-240V 0/50/60 Hz.
- Ta: -15°C/Ta.max.
- *Optional* : - 1-10v and Dali
- Trough-wiring in polyester housing.
(This will influence slightly the Ta.max.)

Housing	Power(W)*	Flux(Lumen)**	Ta.max.°C
236 (frosted)	36	3900	35
258 (frosted)	46	4900	35

* Total power consumption of Led's and driver.
** Luminous flux of fitting @ 25°C for 840.

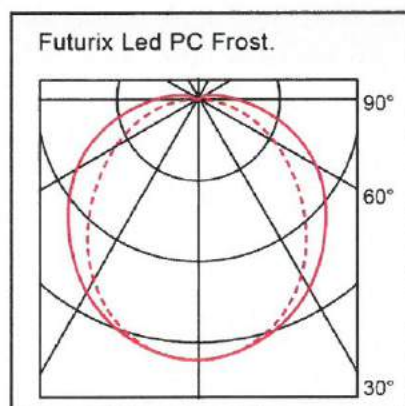


technical data type **FUTURIX Led** **Ecoline**



Housing	L	W*	H	Lf	Clips	Kg	m3
236	1275	134	98.5	800	8	2,9	0,023
258	1575	134	98.5	1100	10	3,8	0,028

*Dimensions without clips





technical data type **FUTURIX LED**

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

- **Optional:** Stainless steel suspension bracket. IP65 Wieland or Stucchi connector.

Diffuser: special frosted polycarbonate for a smooth uniform lighting.

- **Optional:** Clear PC diffuser. Acrylic frosted diffuser

Impact strength data of the diffuser:

diffuser in PC > 6 Nm
PMMA > 0,22 Nm

Reflector: white metal gear tray.

Clips: 1-part stainless steel clips

- **Optional:** 1-part polycarbonate clips



High quality chipboard LED



Stainless steel clip



Stainless steel suspension bracket (optional)



Polycarbonate clip (optional)



IP65 connector (optional)



Specifications:

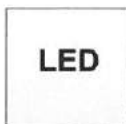
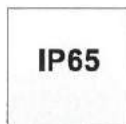
- Product life min. 50.000h L80 B10 at Ta.max or 65.000h L70 B10 at Ta.max +6°C.
- Available in 3000K, 4000K, 5000K with CRI of min.80 (6500K on demand).
- Luminous efficiency :
LER frosted diff.: up to ** 130 lm/W.
LER clear diff.: up to ** 137 lm/W.
- 220-240V 0/50/60 Hz. - Ta: -20°C/Ta.max.

- **Optional:** - 1-10v and Dali, emergency and sensor (not for housing 218)
- Trough-wiring in polyester housing. (This will influence slightly the Ta.max.)
- CRI min. 90.

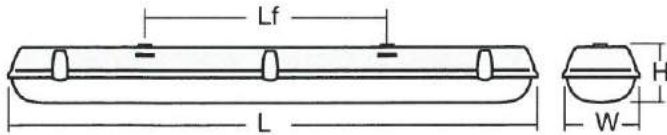
Housing	Power(W)*	Flux(Lumen)**	Ta.max.°C
218 (frosted)	18	2220	40
	27	3160	30
236 (frosted)	22	2610	40
	34	4440	40
	51	6300	30
258 (frosted)	32	3760	40
	42	5500	40
	64	7790	30
218 (clear)	18	2330	40
	27	3320	30
236 (clear)	22	2650	40
	34	4660	40
	51	6610	30
258 (clear)	32	3830	40
	42	5770	40
	64	8180	30

* Total power consumption of LED's and driver.

** Luminous flux of fitting @ 25°C for 840 and 850 (correction factor 0.95 for 830)

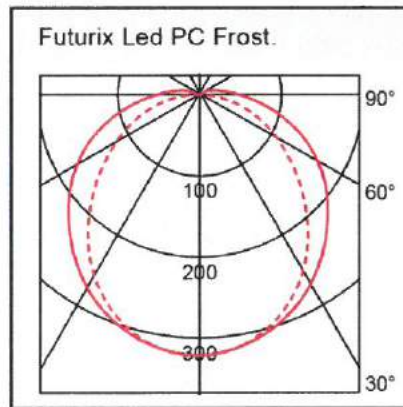
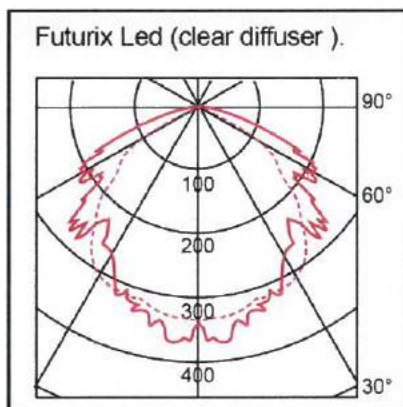


technical data type FUTURIX LED



Housing	L	W*	H	Lf	Clips	Kg	m3
218	665	134	98.5	400	6	2,0	0,013
236	1275	134	98.5	800	8	2,9	0,023
258	1575	134	98.5	1100	10	3,8	0,028

*Dimensions without clips





FUTURIX LED "Ecoline"

Budget Friendly LED solution



Specifications :

Glass fibre reinforced Polyester (GRP) base

108 lm / W

Options :

IP66

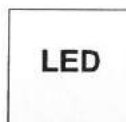
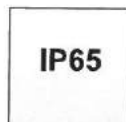
1 - 10 V / DALI

Motion detectors

3000 K - 6500 K



High quality
linear Led module



V 09/03/2016

VLUX
Industrieweg Roosveld
3400 LANDEN BELGIUM

Tel. + 32 11 88 09 00
Fax + 32 11 83 22 22

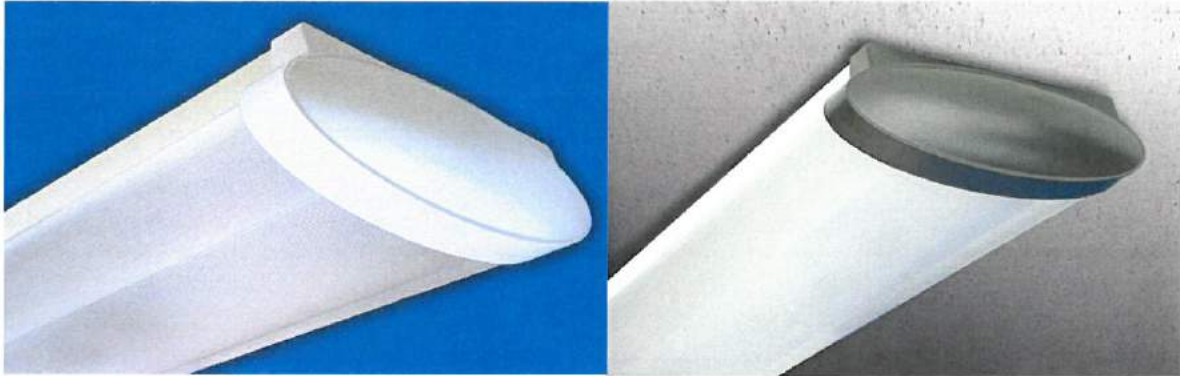
website www.vlux.com
ISO 9001 certified company.





LILI LED : The Linear Lighting

Multipurpose indoor LED solution



Specifications :

Simple click-in connections

4000 K - 47 W / 55 W / 63 W versions

104 lm / W

Options :

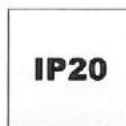
Cable suspension

1 - 10 V / DALI

Motion detectors



V09.03.2016



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Fax + 32 11 83 22 22

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PAS LED *** Fridge ***

Cold storage up to -30 °C



Specifications :

Glass fibre reinforced Polyester (GRP) base



Options :

IP67

1 - 10 V / DALI

Motion detectors

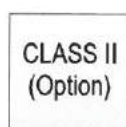
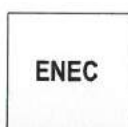
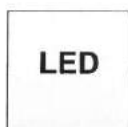
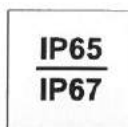
3000 K - 5000 K



High quality
chipboard LED



V 09.03.2016



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ISO 9001 certified company





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

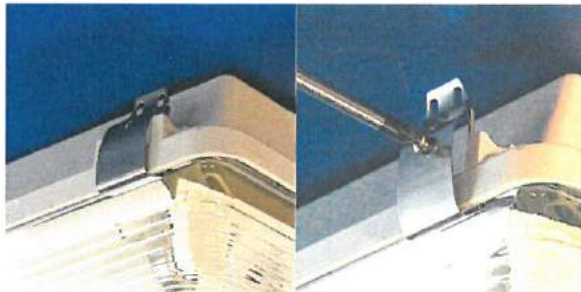
- **Optional** : Bright anodised aluminium mirror

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 mm²) (5 x 2.5 mm²)
- emergency modules in option:



Metal clip
(optional)

Vandal proof clip
(optional)

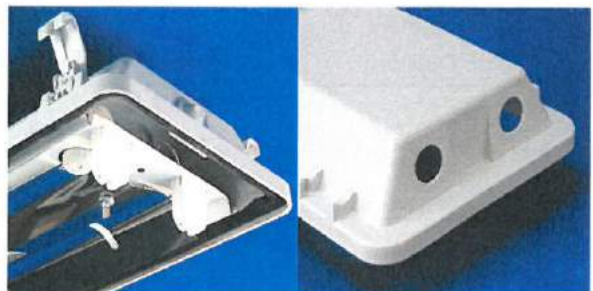
Lamps :

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



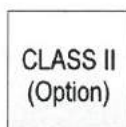
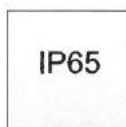
Stainless steel susp.
bracket (optional)

Stainless steel susp.
bracket (optional)

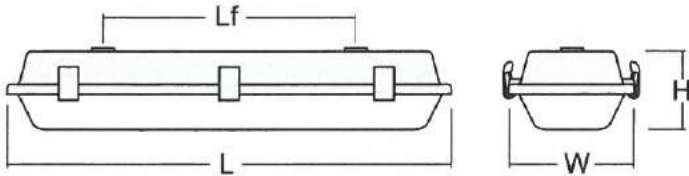


Alum. reflector
(optional)

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
1x 70W		1874	102	105	1100	14
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	.66	.69	.68	.64	.59	
5.00	.81	.68	.73	.71	.67	.62	

Glare Evaluation (1x2850 Im)

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

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

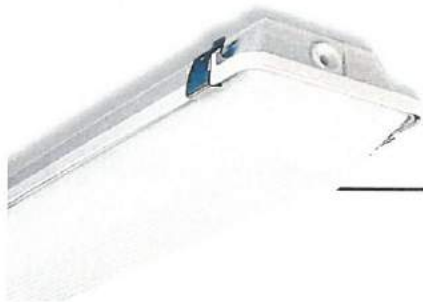
Room ind. K

	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 Im)

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

e/h : 1.64 | Lum.Eff.: 72.0 % (η) | C.I.E.: 38 67 88 93 η | BZ6 | UTE : .67G+.005T



technical data type **PLedX**

Base : Glass reinforced polyester, compression moulded (GRP)

- *Optional* : Stainless steel suspension bracket.
- *Optional* : Double cable entry (same side).

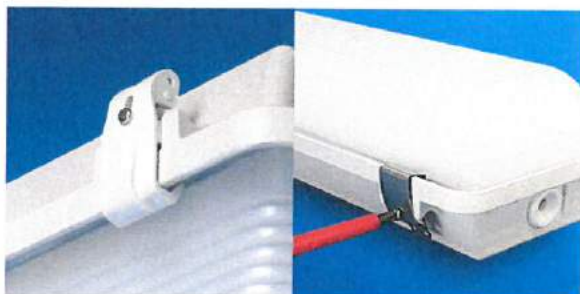
Diffuser : is made of special frosted PC for smooth uniform lighting.

- *Optional* : Clear diffuser

Reflector : white metal gear tray

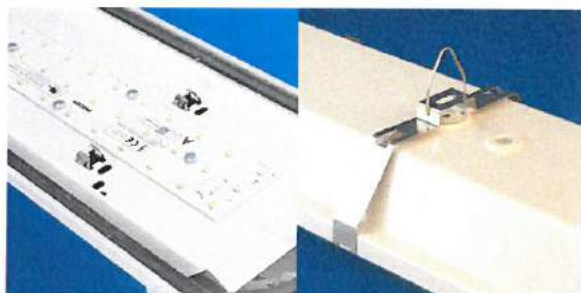
Clips : 2-part stainless steel clips.

- *Optional* : 3-part polycarbonate clips



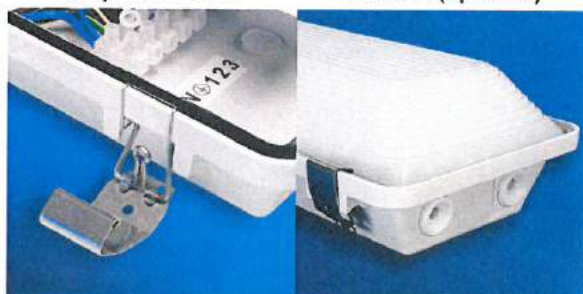
3-part polycarbonate clips

Secured with screws



High quality chipboard LED

Stainless steel susp. bracket (optional)



Keeper for inox clips (optional)

Double cable-entry (optional)

Impact strength data of the diffuser :
diffuser in PC : > 6 Nm

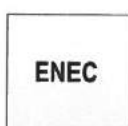
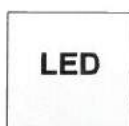
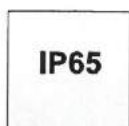
Electrical specifications :

- Product life min. 50.000h L80 B10 at Ta.max or 65.000h L70 B10 at Ta.max + 5°C
- Available in 3000K, 4000K and 5000K with CRI of min.80
- Luminous efficiency : up to ** 127 lm/W.
- 220-240V 0/50/60Hz.
- Ta: -20°C / Ta.max.
- *Optional* : - 1-10V and Dali.
- Emergency (not for housing 218).
- High frequency motion detector. (not for housing 218)
- Trough-wiring in polyester housing. (This will influence slightly the Ta.max.)
- CRI min. 90.

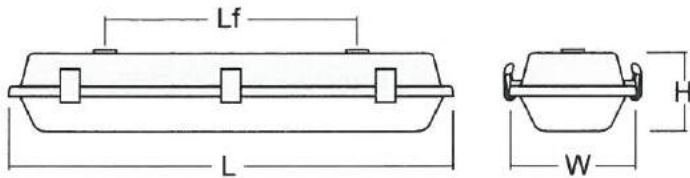
Housing	Power(W)*	Flux(Lumen)**	Ta.max.
218 (frosted)	18	2160	45
	27	3060	35
236 (frosted)	22	2530	45
	34	4320	45
	51	6110	35
258 (frosted)	32	3650	45
	42	5340	45
	64	7550	35
270 (frosted)	50	6360	45
	76	8990	35

* Total power consumption of Led's and driver.

** Luminous flux of fitting @ 25°C for 840 and 850 (correction factor 0.95 for 830)

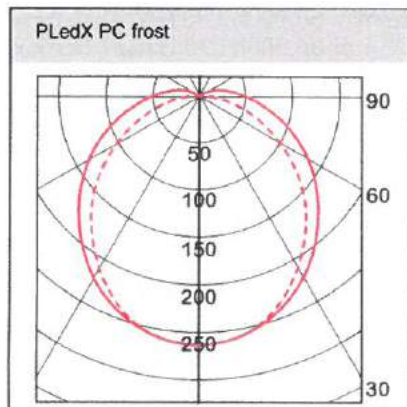


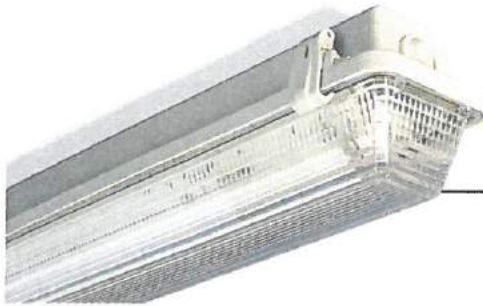
technical data type **PLedX**



Housing	L	W*	H	Lf	Clips	Kg	m3
218	702	172	105	500	6	2.4	0.014
236	1312	172	105	800	8	3.7	0.025
258	1612	172	105	1100	10	4.4	0.030
270	1874	172	105	1100	14	6.0	0.038

*Dimensions without clips





technical data type PAS

Base : Glass reinforced polyester, compression moulded (GRP)

- *Optional* : Stainless steel suspension bracket.
- *Optional* : IP67 (with cable glands IP68 and suspension brackets.)
- *Optional* : Double cable entry (same side).
- *Optional* : PWG60 : quick installation grommet. IP65

Diffuser : Injected prismatic diffuser available in Bc7 or PC.

Impact strength data of the diffuser :

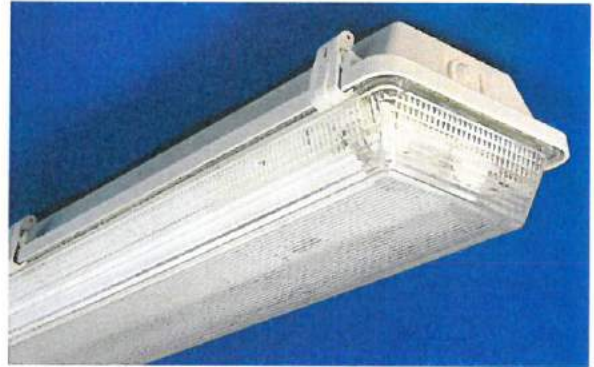
- diffuser in BC7 : ≤ 0.22 Nm
- diffuser in PC : > 6 Nm

Reflector : White metal gear tray

- *Optional* : Bright anodised aluminium mirror

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

- *Optional* : keeper (for stainless clips only).



Special "FRIDGE" version :

- special wiring and gear for industrial cold storage (up to -30°C). Stainless steel clips with retainer and polyamide cable gland.
- *Optional* : Special lamps on request.



Prismatic diffuser



Inox clip, or vandal-proof clip (optional)

Electrical specifications :

- ferromagnetic ballast and switch or electr. starters.
- *Optional*:- parallel compensation
 - low loss ballast
 - HF or HFD ballast
- throughwiring in polyester housing.
- emergency modules.

Lamps :

- fluorescent T8 and T5 lamps.
- diameter 38 application possible (T12)



Stainless steel susp. bracket (optional)



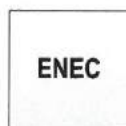
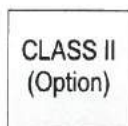
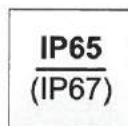
Keeper for inox clips (optional)



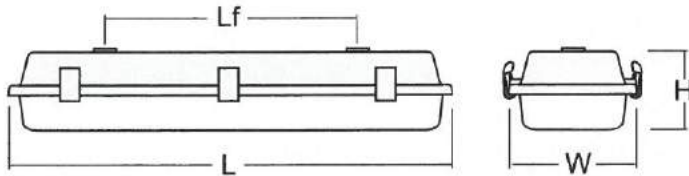
Alum. reflector (optional)



PWG60 Quick installation grommet IP65 (optional)



technical data type PAS



Model T8	Model T5	L	W*	H	Lf	Clips
1x 18W	1x14/24W	702	102	108	500	6
1x 36W	1x28W	1312	102	108	800	8
1x 58W	1x35/49W	1612	102	108	1100	10
2x 18W	2x14/24W	702	172	108	500	6
2x 36W	1x54W / 2x28W	1312	172	108	800	8
2x 58W	1x80W / 2x35/49W	1612	172	108	1100	10

*Dimensions without clips

PAS 1x36W 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	.30	.29	.22	.22	.21	.20
0.80	.37	.35	.29	.28	.27	.26
1.00	.43	.40	.34	.33	.32	.30
1.25	.49	.45	.39	.39	.37	.35
1.50	.54	.49	.43	.43	.41	.39
2.00	.61	.55	.50	.50	.47	.45
2.50	.66	.59	.54	.55	.51	.49
3.00	.69	.62	.57	.58	.54	.52
4.00	.74	.66	.62	.64	.59	.56
5.00	.78	.68	.65	.67	.61	.58

Glare Evaluation (1x2850 lm)

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

e/h : 1.56 | Lum.Eff.: 78.0 % (η) | C.I.E.: 33 61 84 86 η | BZ6 | UTE : .67H+.11T

PAS 2x36W 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	.30	.29	.23	.23	.22	.22
0.80	.37	.35	.29	.29	.28	.27
1.00	.43	.40	.34	.34	.33	.32
1.25	.48	.45	.39	.39	.38	.36
1.50	.53	.49	.43	.44	.41	.40
2.00	.60	.54	.49	.50	.47	.45
2.50	.64	.58	.53	.55	.51	.49
3.00	.68	.60	.56	.58	.54	.52
4.00	.72	.64	.60	.63	.58	.56
5.00	.75	.66	.63	.66	.60	.58

Glare Evaluation (2x2850 lm)

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

e/h : 1.56 | Lum.Eff.: 73.0 % (η) | C.I.E.: 33 66 87 90 η | BZ6 | UTE : .66G+.07T



technical data type **PAS Led**

Base : Glass reinforced polyester, compression moulded (GRP)

- **Optional** : Stainless steel suspension bracket. Double cable entry (same side).

Diffuser : is made of special frosted PC for smooth uniform lighting.

- **Optional** : Clear diffuser
PMMA Frosted diffuser

Impact strength data of the diffuser:

diffuser in PC > 6 NM

diffuser in PMMA > 0,22 NM

Clips : 2-part stainless steel clips.

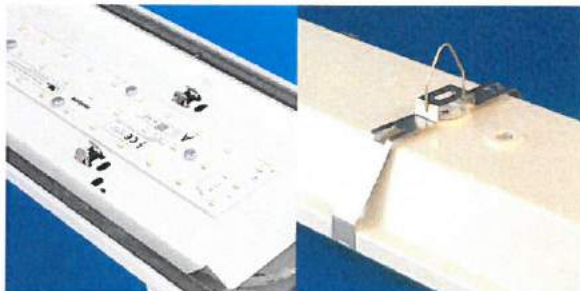
2 cable glands M20 (PA) included.

- **Optional** : 3-part polycarbonate clips.



3-part polycarbonate clips (optional)

Keeper for inox clips (optional)



High quality chipboard LED

Stainless steel susp. bracket (optional) IP67



Secured with screws

Double cable-entry (optional)



Special "FRIDGE" version :

- Special wiring and gear for industrial cold storage (up to -30°C). Stainless steel clips with retainer.



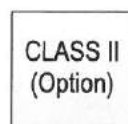
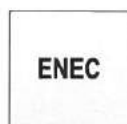
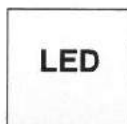
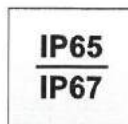
Electrical specifications :

- Product life min. 50.000h L80 B10 at Ta.max or 65.000h L70 B10 at Ta.max + 5°C.
- Available in 3000K, 4000K and 5000K with CRI of min.80
- Luminous efficiency : up to ** 129 lm/W.
- 220-240V 0/50/60Hz.
- Ta: -20°C / Ta.max.
- **Optional** : - 1-10V and Dali.
- Emergency (not for housing 218),
- High frequency motion detector. (not for housing 218)
- Trough-wiring in polyester housing. (This will influence slightly the Ta.max.)
- CRI min.90.

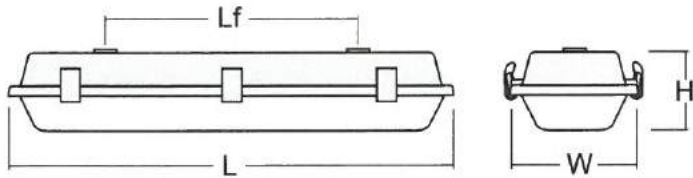
Housing	Power(W)*	Flux(Lumen)**	Ta.-20°C Ta.max.
218 (frosted)	18	2190	45
	27	3105	35
236 (frosted)	22	2565	45
	34	4386	45
	51	6200	35
258 (frosted)	32	3705	45
	42	5420	45
	64	7660	35

* Total power consumption of Led's and driver.

** Luminous flux of fitting @ 25°C for 840 and 850 (correction factor 0.95 for 830)

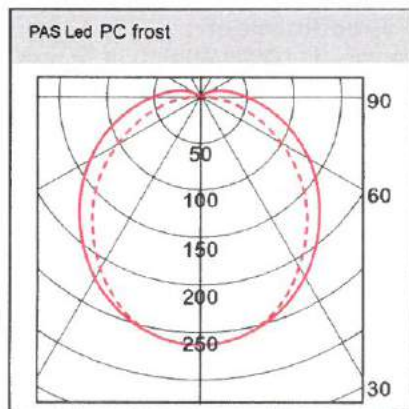


technical data type **PAS Led**



Housing	L	W*	H	Lf	Clips	Kg	m3
218	702	172	105	500	6	2.4	0.014
236	1312	172	105	800	8	3.7	0.025
258	1612	172	105	1100	10	4.4	0.030

*Dimensions without clips





technical data type PAC

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 : clear blow molded diffuser, available in PMMA or PC.

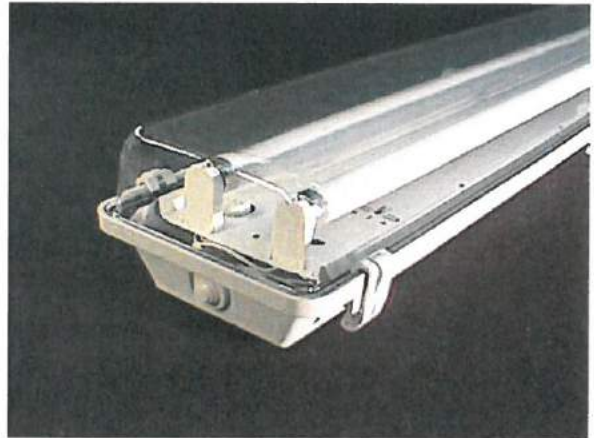
Impact strength data of the diffuser :

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

Reflector : white metal gear tray

- *Optional* : Bright anodised aluminium mirrors : narrow, medium, wide, extra wide.

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



Stainless steel clip,
or vandal proof clip
(optional)

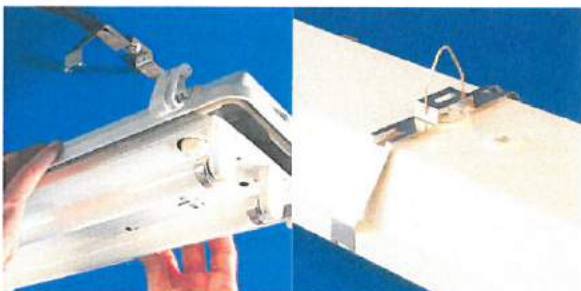
Alum. reflectors
(optional)

Electrical specifications :

- ferromagnetic ballast and switch or electr. starters
- *optional* : - parallel compensation
- HF or HFD ballast
- throughwiring in polyester housing:
1 or 3 fase (3 x 2.5 mm²) (5 x 2.5 mm²)
- emergency modules

Lamps :

- T8 lamps only in 36w and 58w
- diameter 38 application possible (T12)
- T5 in 28w - 54w and
35w - 49w - 80w available



Stainless steel
suspension bracket
(optional)

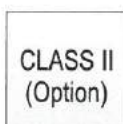
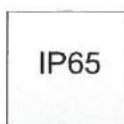
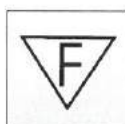
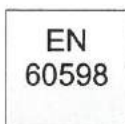
Stainless steel
suspension bracket
(optional)



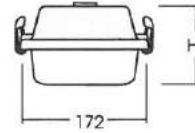
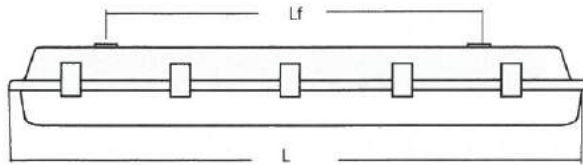
Double cable-entry
(optional)



1-lamp version



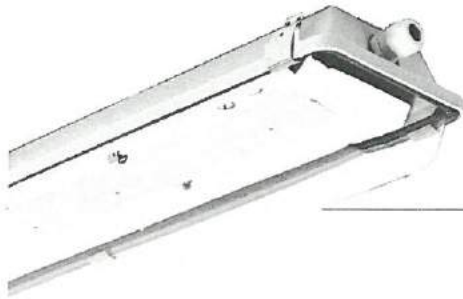
technical data type PAC



Model T8	Clips	H	L	Lf
1x 36W	8	104	1312	800
2x 36W	8	104	1312	800
1x 58W	10	108	1612	1100
2x 58W	10	108	1612	1100
Model T5				
1x 28W	8	104	1312	800
1x 54W	8	104	1312	800
2x 28W	8	104	1312	800
2x 54W (**)	8	104	1312	800
1x 35W	10	108	1612	1100
1x 49W	10	108	1612	1100
1x 80W	10	108	1612	1100
2x 35W	10	108	1612	1100
2x 49W	10	108	1612	1100

*Dimensions without clips

** Limited ambient temperature



technical data type PAC Led

Base : Glass reinforced polyester, compression moulded (GRP)

- *Optional* : Stainless steel suspension bracket.
- *Optional* : Double cable entry (same side).
- *Optional* : IP66 Stucchi connector
IP66 Wieland connector

Diffuser : Clear blow molded diffuser, available in PC or PMMA.

Optic NB (Narrow Beam)

- *Optional* : WB

Impact strength data of the diffuser :

diffuser in PC : ≥ 6 Nm

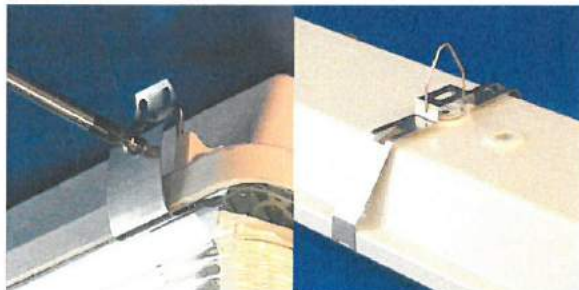
- *Optional* : diffuser in PMMA : ≥ 0.22 NM

Clips : 2-part stainless steel clips.
2 cable glands M20 (PA) included.



Special "FRIDGE" version :

- special wiring and gear for industrial cold storage (up to -30°C). Stainless steel clips with retainer.



Stainless steel clip,
or vandal proof clip

Stainless steel
suspension bracket
(optional)



Chipboard Led with
lenses

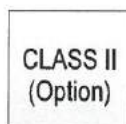
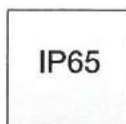
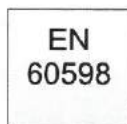
Electrical specifications :

- Product life min. 50.000h L80 B10 at $T_{a,max}$
or 65.000h L70 B10 at $T_{a,max} + 5^{\circ}\text{C}$.
- Available in 3000K, 4000K and 5000K with
CRI of min.80
- Luminous efficiency : up to ** 120 lm/W.
- 220-240V 0/50/60Hz.
- T_a : -20°C / $T_{a,max}$.
- *Optional* : - 1-10V and Dali.
- Emergency
- High frequency motion detector.
- Trough-wiring in polyester housing.
(This will influence slightly the $T_{a,max}$.)
- CRI min.90.

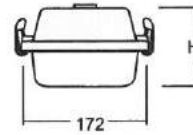
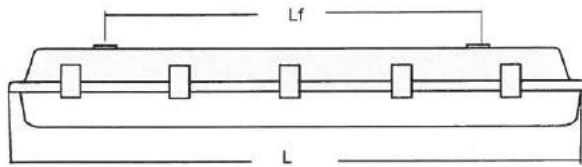
Housing	Power(W)*	Flux(Lumen)**	T_a -20°C Min $T_{a,max}$.
236	51	6150	35
258	64	7670	35

* Total power consumption of Led's and driver.

** Luminous flux of fitting @ 25°C for 840.



technical data type PAC Led



Model	Clips	H	L	Lf
236W	8	104	1312	800
258W	10	108	1612	1100

*Dimensions without clips

** Limited ambient temperature



technical data type **QUATTRO**

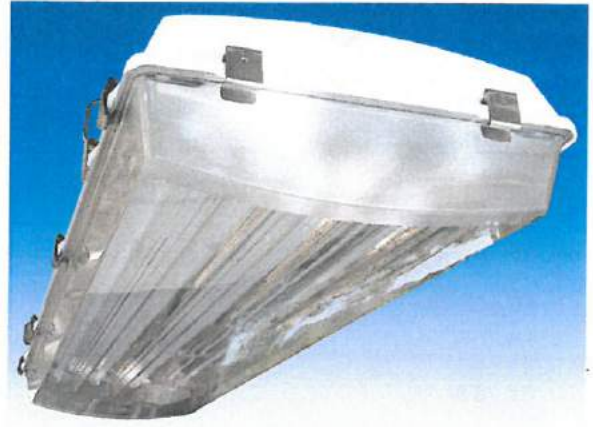
Base : Glass reinforced white polyester, compression moulded (GRP).

Diffuser : Injected polycarbonate (UV stabilized) clear diffuser for maximized efficiency and frosted ends for minimal direct glare.
- *Optional:* Impact resistant acrylic.

Reflector : White metal gear tray.
- *Optional:* Bright anodised aluminium mirrors.

Clips : 2-part unloosable stainless steel clips (AISI 305).

Mounting : Stainless steel V-hook mounting bracket (AISI 305).
- *Optional:* Ceiling mounting bracket.



Unloosable 2-part stainless steel clip



Stainless steel universal mounting bracket clip

Electrical specifications:

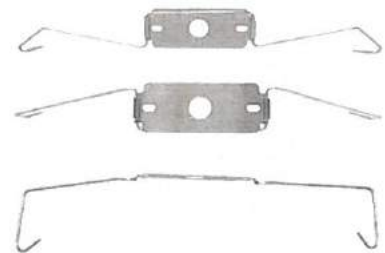
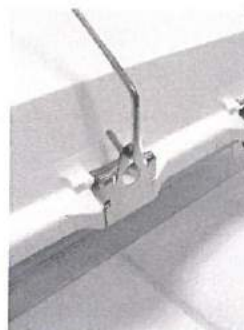
- High frequency ballasts.
- *Optional:* - Dimmable ballast.

Lamps:

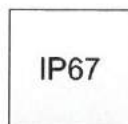
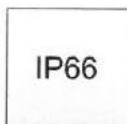
- Fluorescent T8 Lamps in 36w.
- T5 in 28w - 54w.



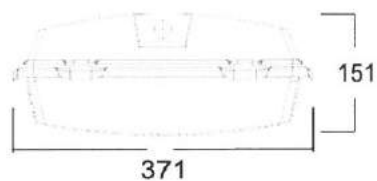
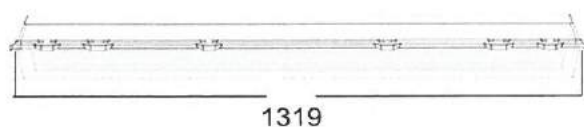
Stainless steel V-hook mounting bracket



Option : Ceiling mount system



technical data type QUATTRO



Model T8	L	W	H
4x 36W HF	1319	371	151
6x 36W HF	1319	371	151

Model T5	L	W	H
4x 28W	1319	371	151
4x 54W	1319	371	151
6x 28W	1319	371	151



technical data type BPI

Base: glass reinforced polyester, compression moulded (GRP). Easy 1/4 turn opening.

Lampholder and optional diffuser:

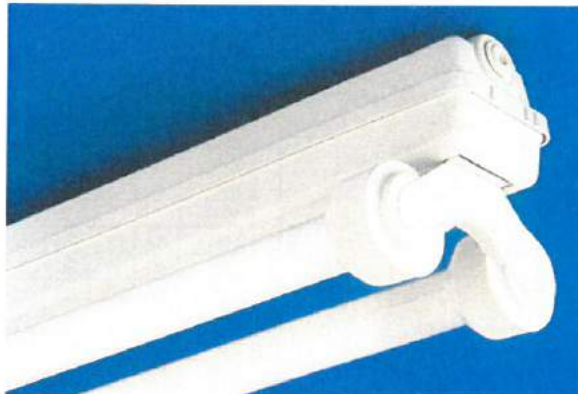
Lampholders for T5, T8 or T12 application available.

- *optional:* protection sleeve in polycarbonate (or acrylic on request) suitable for food or beverage application.

- *optional:* white painted backreflector or aluminium backreflector.

Starter: accessible from the outside.

- *optional:* electronic, deos or safety starter.



1/4 turn opening mode

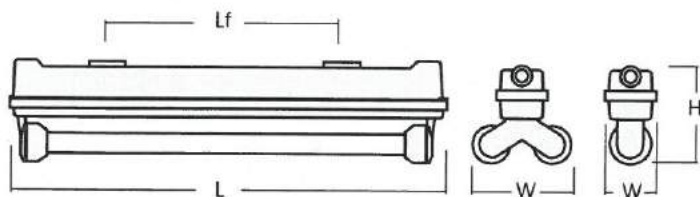
PC protection sleeve (optional)

Electrical specifications :

- ferromagnetic ballast and switch or electr. starters
- *optional:* - parallel compensation
- low loss ballast
- HF or HFD ballast

Lamps :

- fluorescent T8 lamps in 18w - 36w - 58w
- fluorescent T12 lamps in 20w - 40w - 65w
- T5 on request.

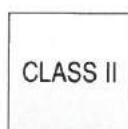
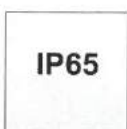


Model	L	W	H	Lf	Kg	m3
1x 18W	660	65	115	320	1.25	0.007
1x 36W	1270	65	115	900	1.80	0.010
1x 58W	1570	65	115	900	2.30	0.012
2x 18W	660	117	115	320	1.35	0.007
2x 36W	1270	117	115	900	2.60	0.010
2x 58W	1570	117	115	900	3.35	0.012

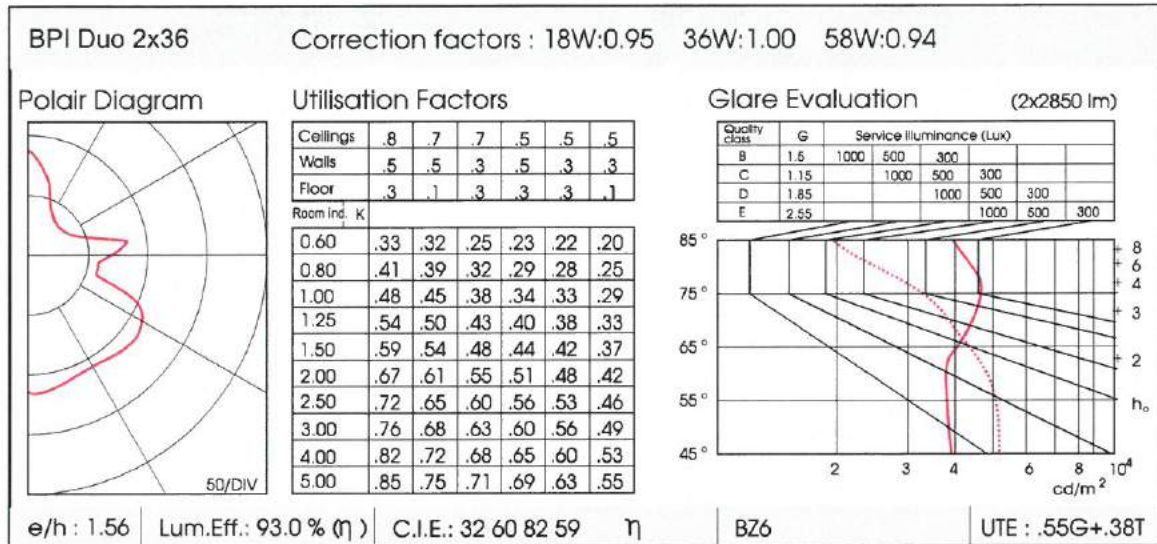
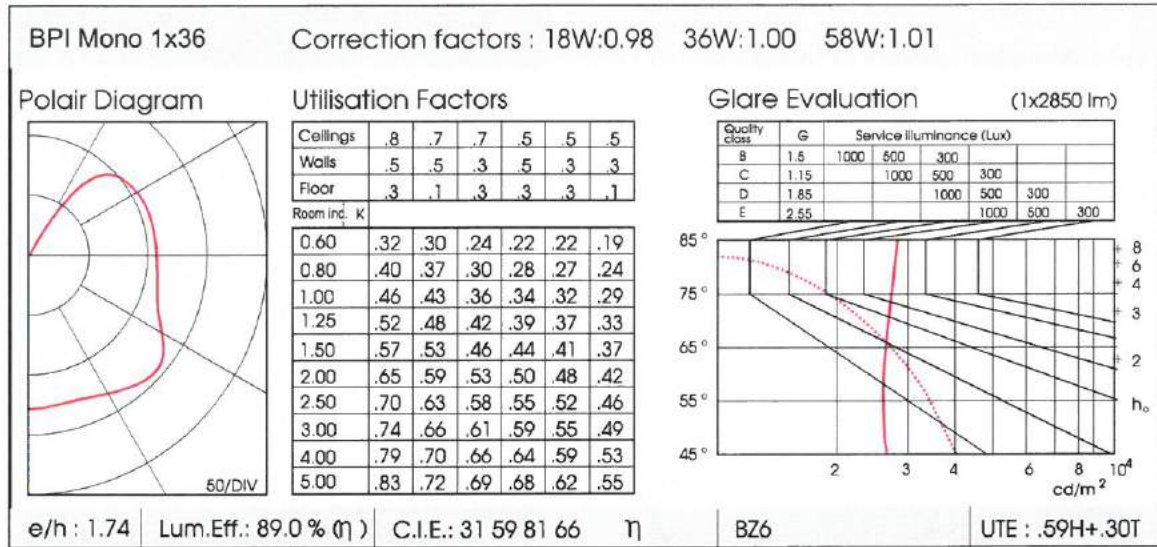
*The dimensions shown on this page can be modified without notice.

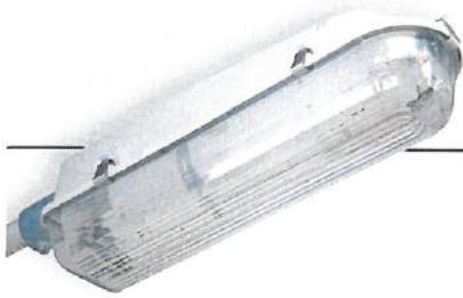


V09.12.2013



technical data type BPI





technical data type LPX

Housing : glass reinforced polyester,
compression moulded

Diffuser : injected prismatic diffuser available in PC.

Impact strength data of the diffuser :
diffuser in PC : > 6.00 Nm

Reflector : white metal gear tray

Clips : 2-part stainless steel clips

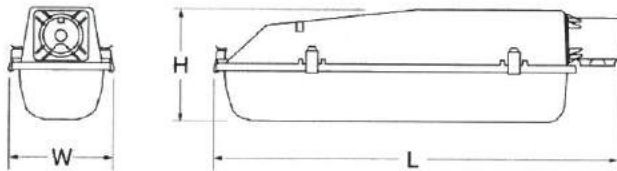
Sealing : poured gasket



Sources :

- Low Pressure Sodium: 26, 36, 55, 66, 90w
- Compact fluorescent: 1/2x36w, 1x40w, 1x55w

Optional : Nema socket for photocell



Dimensions (mm)

Mounting mode	L	W	H
Pole top	775	181	204
Side entry	760	181	204
Wall	670	181	204
Corner	765	181	204



Side-entry
(dia 42 upto 60) mm

Hinged diffuser and
removable geartray

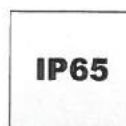


Wall mounting bracket

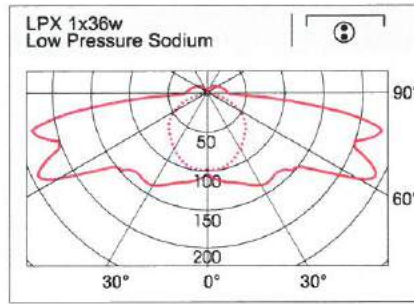
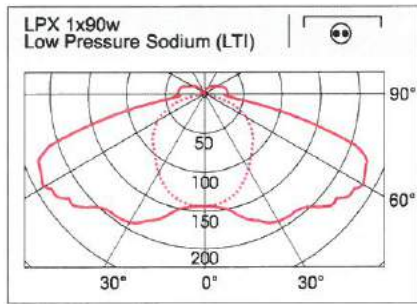
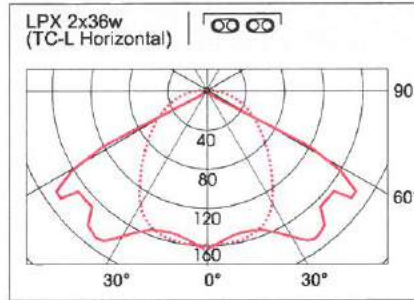
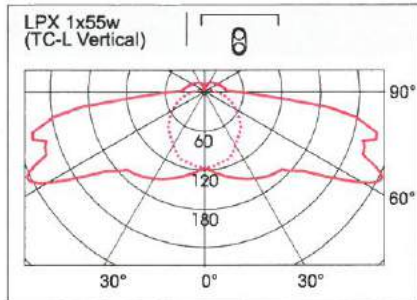
Pole-top, side entry
bracket



V27.01.2014



technical data type LPX





technical data type **CLX**

Housing : glass reinforced polyester,
compression moulded

Diffuser : injected prismatic diffuser available in PC

Impact strength data of the diffuser :
diffuser in PC : > 6.00 Nm

Reflector : white metal gear tray

Clips : 2-part stainless steel clips

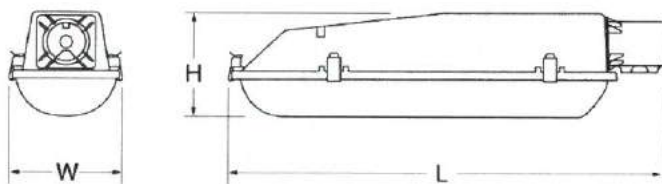
Sealing : poured gasket



Sources:

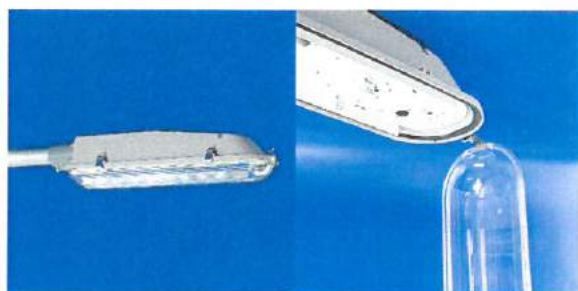
- Compact fluorescent: 1/2x36w, 1x40w, 1x55w

Optional: Nema socket for photocell



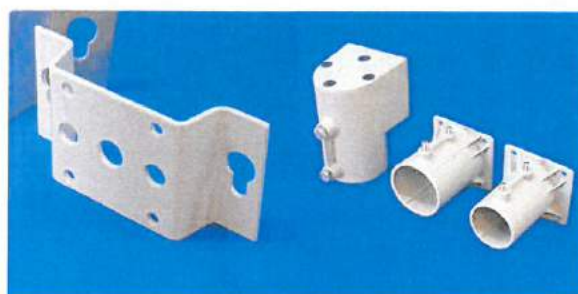
Dimensions (mm)

Mounting mode	L	W	H
Pole top	775	181	168
Side entry	760	181	168
Wall	670	181	168
Corner	765	181	168



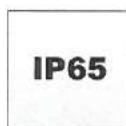
Side-entry
(dia 42 upto 60) mm

Hinged diffuser and
removable geartray



Wall mounting bracket

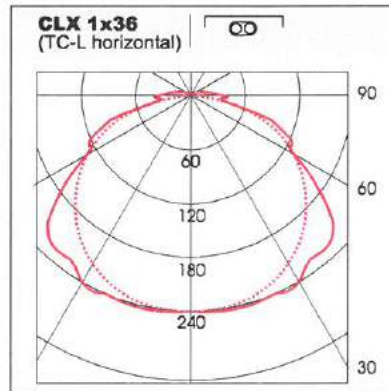
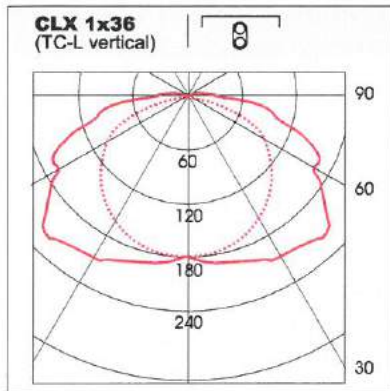
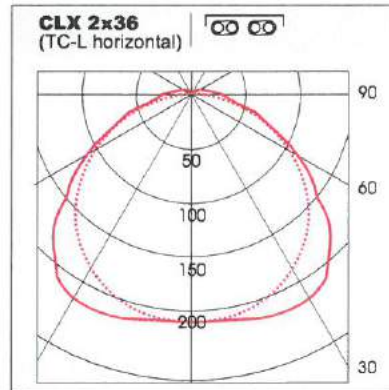
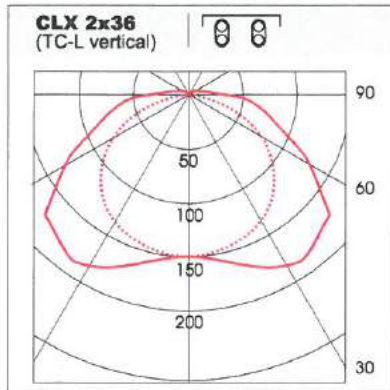
Pole-top, side entry
bracket



V 27.01.2014



technical data type CLX





technical data type Seagull

Housing and reflector:

- The fitting consists of white powder coated reflectors, and endcaps, fixed on a geartray.
- A semi cylindrical diffuser of perforated white powder coated steel holding an opal sheet on the inside.
- The cover guarantees an efficient direct/indirect light.

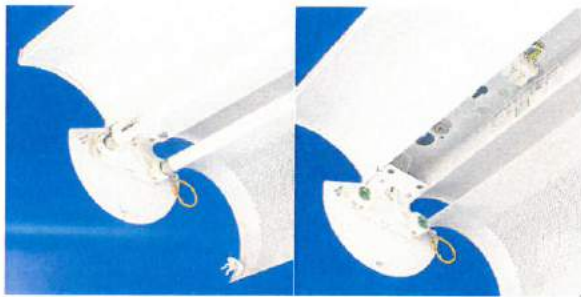
Electrical specifications:

- ferromagnetic ballast and switch starters
- optional:
 - serial or parallel compensation
 - electronic starters
 - low loss ballast
 - HF ballast.



Lamps:

- T8 fluorescent lamps in 18 - 36 - 58w
- T5 fluorescent lamps in 28 - 35 - 49 - 54w

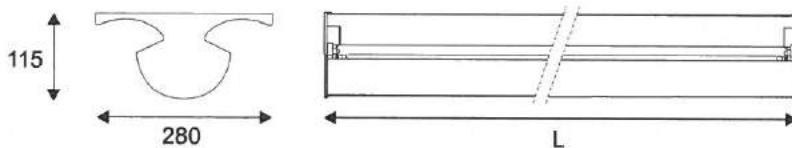


Easy opening of the diffuser

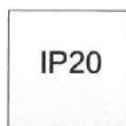
All components fixed on geartray



Perforated diffuser



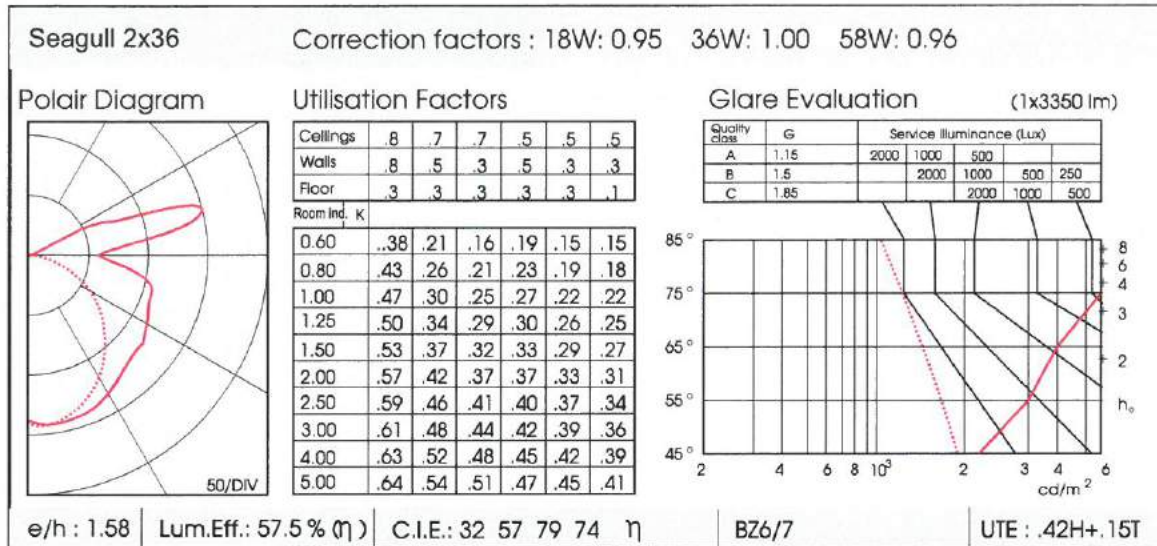
Model T8	L	W	H	Model T5	L	W	H
1x 18W	627	280	115	2x 28W	1200	280	115
1x 36W	1237	280	115	2x 54W	1200	280	115
1x 58W	1537	280	115	2x 35W	1500	280	115
2x 18W	627	280	115	2x 49W	1500	280	115
2x 36W	1237	280	115				
2x 58W	1537	280	115				

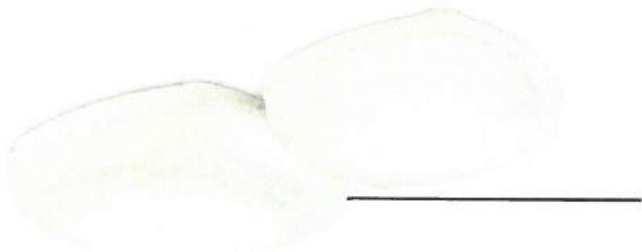


*The dimensions shown on this document can be modified without notice.



technical data type Seagull





technical data type BUBA

Body: standard; injected white polycarbonate.
 - **Upon request:** transparent or transparent blue.

Diffuser: standard; injected opal PMMA or opal polycarbonate.

Impact strength data of the diffuser:

- Diffuser in PC : > 6Nm (IK08).
- Diffuser in PMMA : > 0.7Nm (IK05).

Reflector: glossy galvanised metal plate.

Electrical specifications:

- HF or ferromagnetic ballasts (depending on lamp type).
- **Optional:** - Emergency module.
 (1x28W TC-DD, 1x18W TC-L).
- Motion detector.(Buba large only).
 (1x22W T5R, 1x18W TC-L).



Easy installation

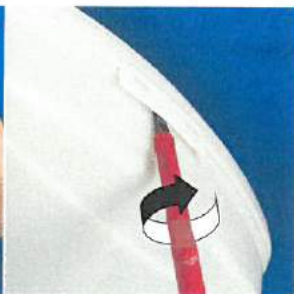
Electrical connection

Lamps:

- 1x TC-DD 16W / 28W / 38W
- 1or 2 xTCS 7W / 9W / 11W.
- 2 xTCS 11W.
- 1or 2 xTC-L 18W.
- 1x T5R 22W.



Diffuser is clicked on the base



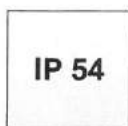
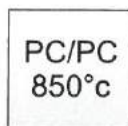
Easy opening of the diffuser



Transparent or transparent blue bases (Optional)



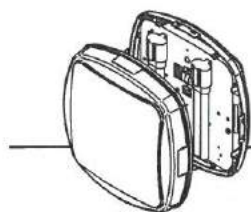
High frequency motion detector. (Optional)








16.01.2012

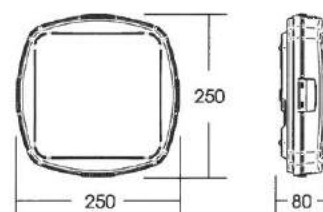
The liabilities are bound to the published informations, which might be modified without notice.













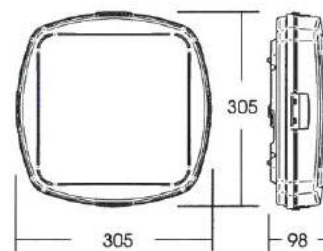




technical data type BUBA



Buba Small		L	Reflector pos.	Ballast ferro.	Ballast EL.
1x 7/9 W	TC-S(el)	250	Low	G23 	2G7 
1x16 W	TC-DD	250	Low	-	GR10q 
1x18 W	TC-D(el)	250	Low	G24d-2 	G24q-2 
2x 7/9 W**	TC-S(el)	250	Low	G23 	2G7 

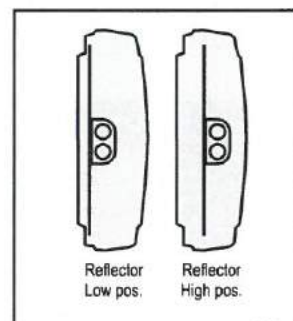


Buba Large		L	Reflector pos.	Ballast ferro.	Ballast EL.
1x18 W	TC-L	305	Low	2G11 	2G11 
1x22 W	TR5	305	Low	-	2GX13 
1x26W	TC-D(el)	305	Low	G24d-3 	G24q-3 
1x28 W	TC-DD	305	High	GR8 	GR10q 
1x38 W*	TC-DD	305	High	-	GR10q 
2x11 W	TC-Sel	305	Low	-	2G7 
2x18 W	TC-L	305	High	-	2G11 

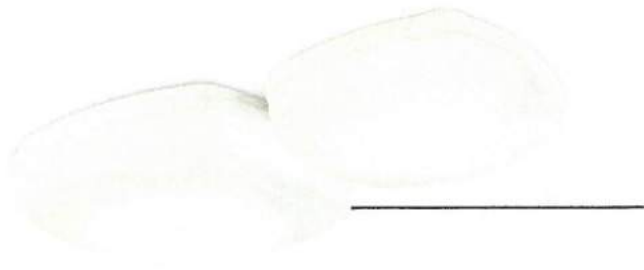


Buba Large Emergency		L	Reflector pos.	Batteries	Ballast EL.
1x28 W*	TC-DD	305	High	3h.	GR10q 
1x18 W*	TC-L	305	High	3h.	2G11 

Buba Large Motion detector		L	Reflector pos.	Ballast EL.
1x22 W	TR5	305	High	2GX13 
1x18 W	TC-L	305	High	2G11 



All dimensions are in mm.
*: Ta max. is 25°C.



technical data type **BUBA+**

+ bracket

Body: standard; injected white polycarbonate.

Diffuser : standard; injected opal PMMA or opal polycarbonate.

Impact strenght data of the diffuser :

- Diffuser in PC : > 6Nm (IK08).
- Diffuser in PMMA : > 0.7Nm (IK05).

Reflector : glossy galvanised metal plate.

Bracket : injected polycarbonate.

Buba+ has a pre-mounting installation bracket for quick & easy electrical connection.

This bracket fits both large & small Buba+.

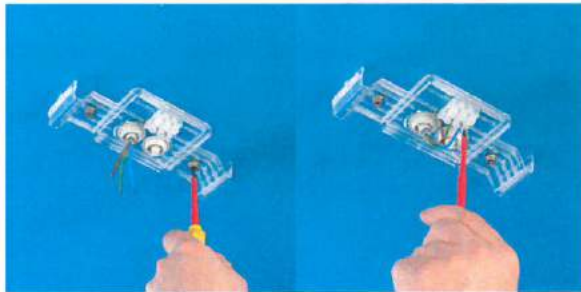
Electrical specifications :

- HF-ballasts
- **Optional :**
 - Emergency module. (1x28W TC-DD, 1x18W TC-L).
 - Motion detector.(Buba large only). (1x22W T5R, 1x18W TC-L).



Lamps:

- 1x TC-DD 16W / 28W / 38W
- 1 or 2x TCSeI 7W / 9W
- 2x TCSeI 11W.
- 1 or 2 xTC-L 18W.
- 1x T5R 22W.



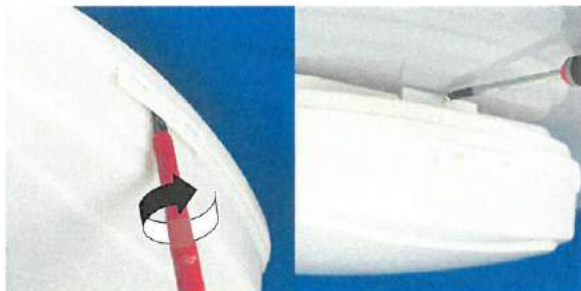
1. Bracket is fixed

2. wires attached to connector.



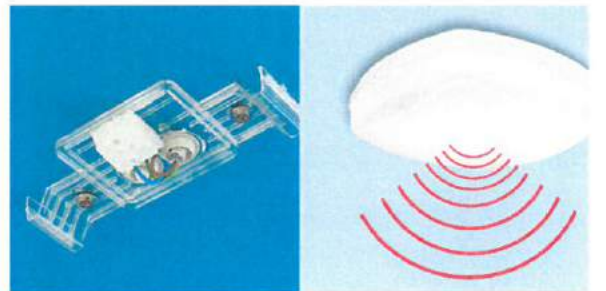
3. Buba+ is clicked on the bracket.

Two "clicks" for bracket mounting.



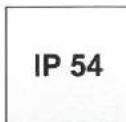
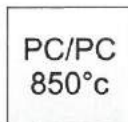
Easy opening of the diffuser

vandal-proof screw (Optional)



3 poles connector protection cap (Optional)

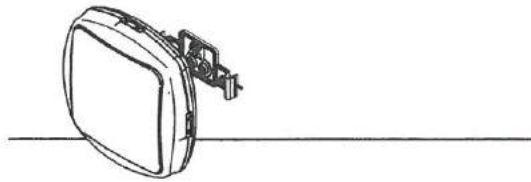
High frequency motion detector. (Optional)



V09.12.2013

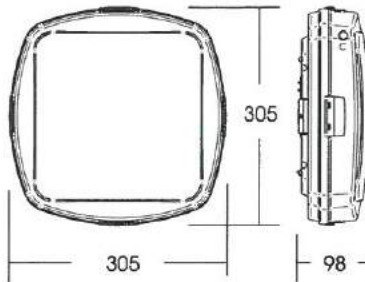
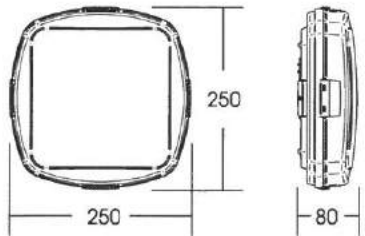
The liabilities are bound to the published informations, which might be modified without notice.











technical data type **BUBA+**



+ bracket



Buba+ Small (with bracket)		L	Ballast EL	
1x 7/9 W	TC-Sel	250	2G7	
1x16 W	TC-DD	250	GR10q	
1x18 W	TC-Del	250	G24q-2	
2x 7/9 W**	TC-Sel	250	2G7	

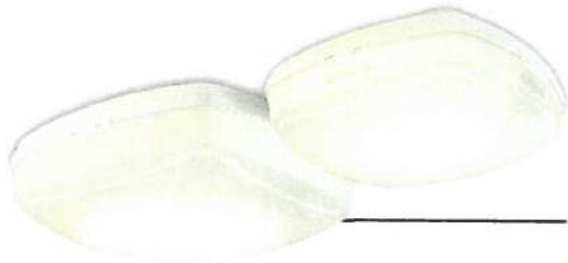
Buba+ Large (with bracket)		L	Ballast EL	
1x18 W	TC-L	305	2G11	
1x22 W	TR5	305	2GX13	
1x28 W	TC-DD	305	GR10q	
1x38 W**	TC-DD	305	GR10q	
2x11 W	TC-Sel	305	2G7	
2x18 W	TC-L	305	2G11	

Buba+ Large Emergency		L	Ballast EL	Batt.
1x28 W**	TC-DD	305	GR10q	 3h.
1x18 W**	TC-L	305	2G11	 3h.

Buba+ Large Motion detector		L	Ballast EL	
1x22 W	TR5	305	GR10q	
1x18 W	TC-L	305	2G11	

All dimensions are in mm.

** Ta max. is 25°C.



technical data type **BUBALED+**

+ bracket

Body : standard; injected white polycarbonate.

Diffuser : standard; injected opal PMMA or opal polycarbonate.

Impact strenght data of the diffuser :

- Diffuser in PC : > 6Nm (IK08).
- Diffuser in PMMA : > 0.7Nm (IK05).

Reflector : glossy galvanised metal plate.

Bracket : injected polycarbonate.

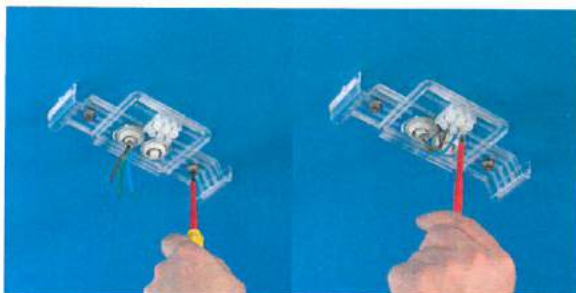
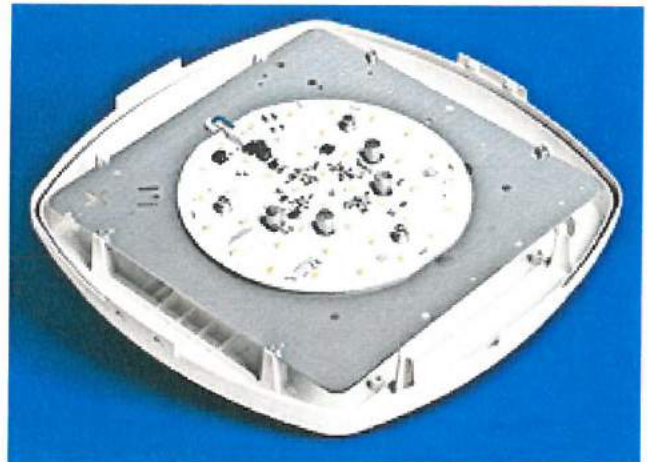
Buba+ has a pre-mounting installation bracket for quick & easy electrical connection.

This bracket fits both large & small Buba+.

Electrical specifications :

- HF-ballasts

- **Optional** : - Emergency module.
(1x28W TC-DD, 1x18W TC-L).
- Motion detector.(Buba large only).
(1x22W T5R, 1x18W TC-L).

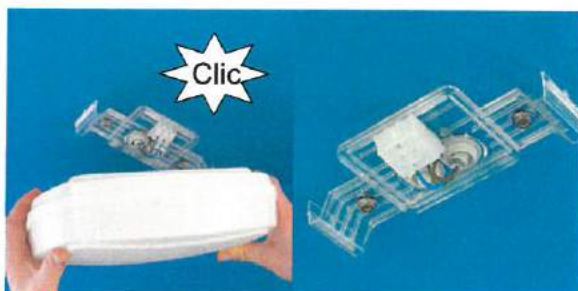


1. Bracket is fixed

2. wires attached to connector.

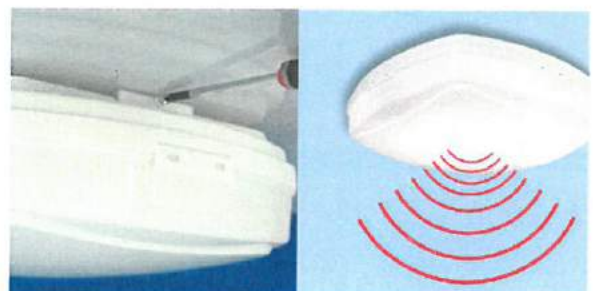
Lamps:

- 1x TC-DD 16W / 28W / 38W
- 1 or 2x TCSeI 7W / 9W
- 2x TCSeI 11W.
- 1 or 2 xTC-L 18W.
- 1x T5R 22W.



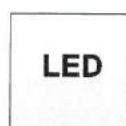
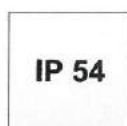
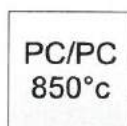
3. Buba+ is clicked on the bracket.

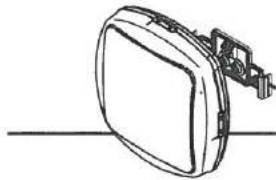
Optional : 3 poles connector protection cap



vandal-proof screw (Optional)

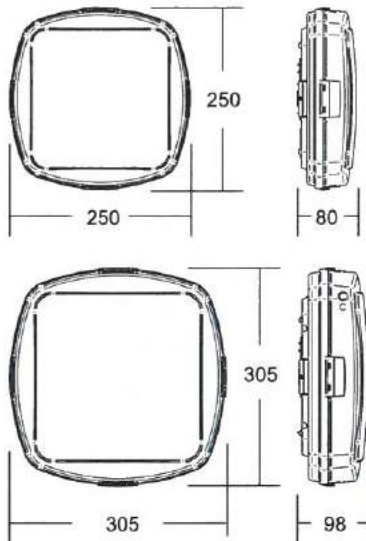
High frequency motion detector. (Optional)









technical data type **BUBALED+**



+ bracket



Buba+ Small (with bracket)		L	Ballast EL	
1x 7/9 W	TC-Sel	250	2G7	
1x16 W	TC-DD	250	GR10q	
1x18 W	TC-Del	250	G24q-2	
2x 7/9 W**	TC-Sel	250	2G7	

Buba+ Large (with bracket)		L	Ballast EL	
1x18 W	TC-L	305	2G11	
1x22 W	TR5	305	2GX13	
1x28 W	TC-DD	305	GR10q	
1x38 W**	TC-DD	305	GR10q	
2x11 W	TC-Sel	305	2G7	
2x18 W	TC-L	305	2G11	

Buba+ Large Emergency		L	Ballast EL	Batt.
1x28 W**	TC-DD	305	GR10q	3h.
1x18 W**	TC-L	305	2G11	3h.

Buba+ Large Motion detector		L	Ballast EL	
1x22 W	TR5	305	GR10q	
1x18 W	TC-L	305	2G11	

All dimensions are in mm.
 **: Ta max. is 25°C.

The liabilities are bound to the published informations, which might be modified without notice.

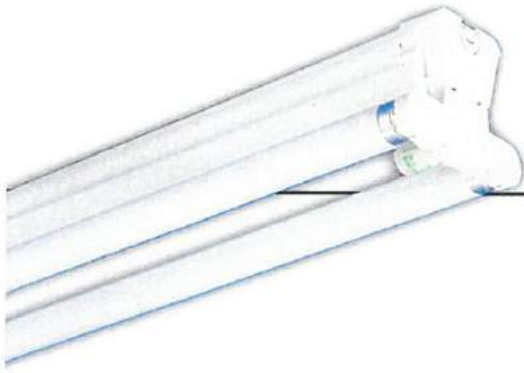
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 Industrieweg Roosveld
 3400 LANDEN BELGIUM

Tel + 32 11 88 09 00
 Fax + 32 11 83 22 22

The liabilities are bound to the published informations, which might be modified without notice.

website www.vlux.com
ISO 9001 certified company.





technical data type WKX

Base : Batten fitting made of white stove enamelled steel.

- optional :

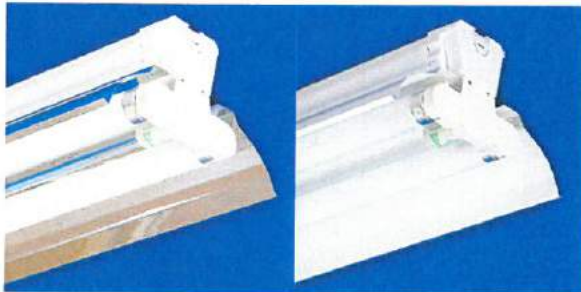
- white steel reflectors.
- high polished aluminium reflector.
- high polished alum. assymetrical reflector.

Suitable for a wide range of applications where many low cost lighting points are requested.



Electrical specifications :

- The metal case contains all switchstart (other versions on request) control gear components, lampholders and terminal connector for fluorescent lamps.
- Electrical wiring with first quality components according to European norms and standards.

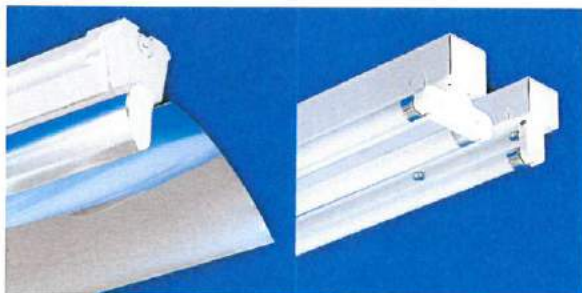


WKX T8 with aluminium reflector (optional)

WKX T8 with white coated reflector (optional)

Lamps :

- fluorescent T8 lamps in 18w - 36w - 58w
- fluorescent T5 lamps in 14w-24w-28w-35w-49w-54w-80w

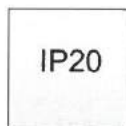


WKX T8 with aluminium assymetrical reflector (optional)

WKX T5



3p. troughwiring with connector (optional)

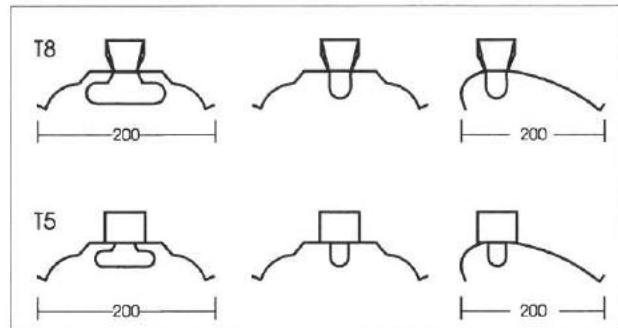
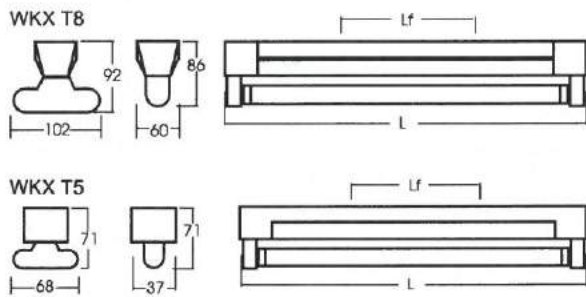


V09.12.2013

*The dimensions shown on this page can be modified without notice.

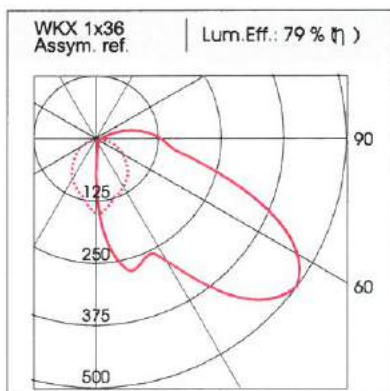
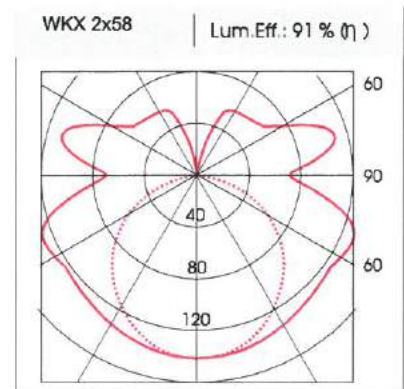
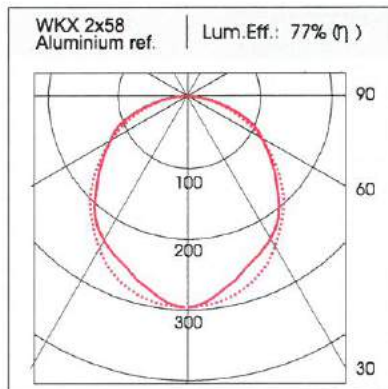
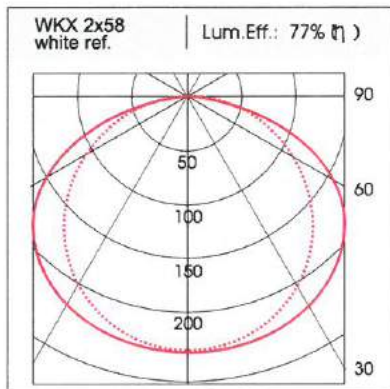


technical data type WKX



Model T8		L	Lf
1x18W	2x18W	615	450
1x36W	2x36W	1225	900
1x58W	2x58W	1525	1200

Model T5		L	Lf
1x14/24W	2x14/24W	584	400
1x28/54W	2x28/54W	1184	900
1x35/49/80W	2x35/49/80W	1484	1200





technical data type **Echo**

Housing: White powder coated steel.

Louvre: Single or double parabolic.

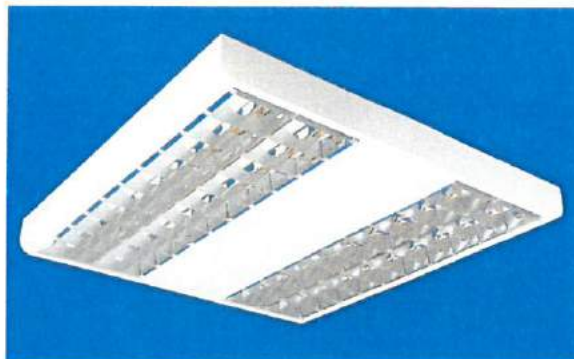
- Single parabolic : bright longitudinal reflector. mat crossblade.
- Double parabolic : bright longitudinal reflector. Bright "V" shaped crossblade.

Electrical specifications:

- ferromagnetic ballast and switch or electronic starters

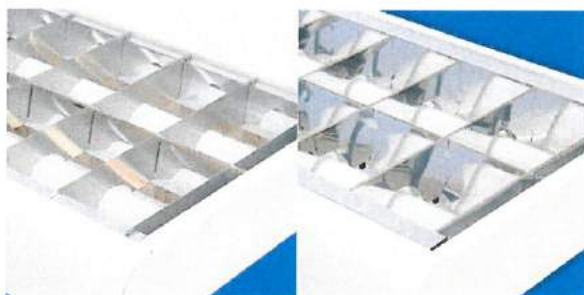
Option : Adjustable cable suspension set.

Other T5 models on demand



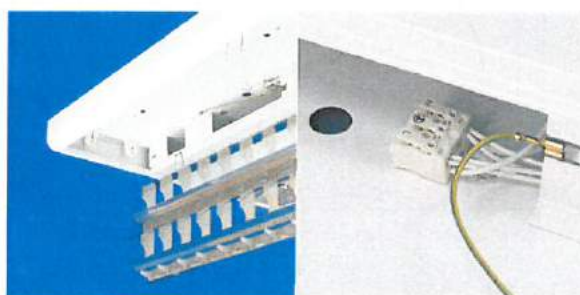
Lamps:

- fluorescent lamps (T8) in 18w -36w -58w
- fluorescent lamps (T5) in 14w -24w



Single parabolic louver

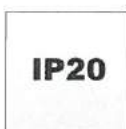
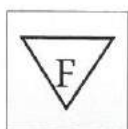
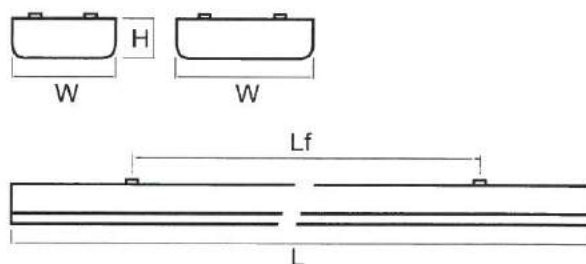
Double parabolic louver



Hingeable louvre

Quick connector

Echo	L	W	H	Lf	Kg
1x18W	650	170	65	340	2.3
2x18W	650	266	65	340	2.7
4x18W	650	650	65	340	4.7
1x36W	1260	170	65	950	3.9
2x36W	1260	266	65	950	4.8
4x36W	1260	650	65	950	8.6
1x58W	1560	170	65	1250	4.7
2x58W	1560	266	65	1250	6.6
4x14W	610	610	65	300	3.2
4x24W	610	610	65	300	3.2

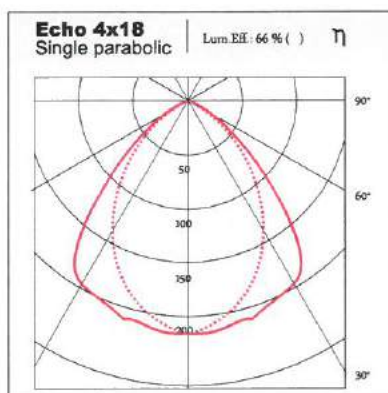
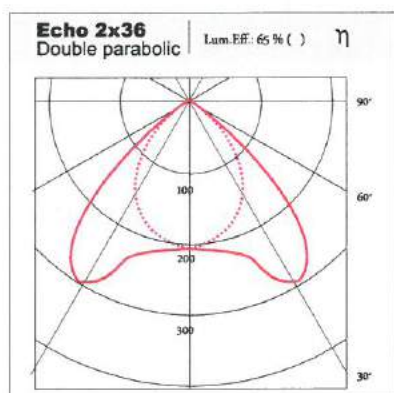
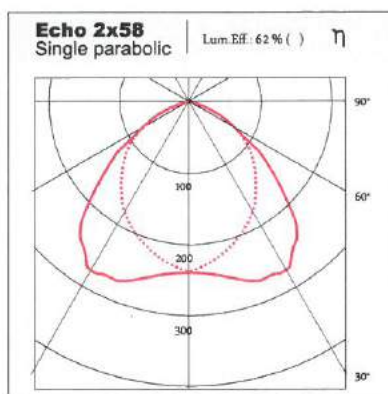
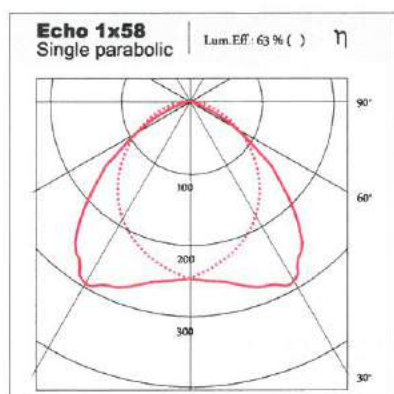


V16.01.2012

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technical data type **Echo**





technical data type LILI

LILI, the Linear Lighting:

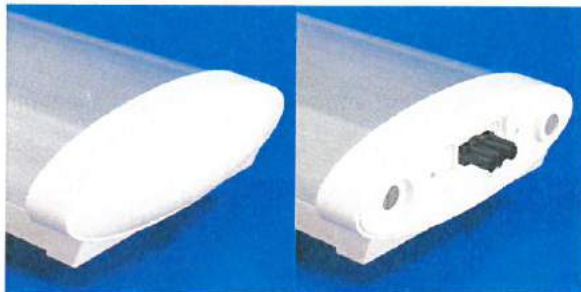
- The fitting consists of a white metal back plate, a plastic extruded clear or opal diffuser and standard white or black coloured plastic injected endcaps.
 - The cover guarantees an efficient direct/indirect light.
 - The plastic diffuser is snap-in mounted on the metal backplate and is easy removable without any tool.
- Available in :
- PMMA (frost)
 - UV stabilised Polystyrene (clear, opal)
 - Polycarbonate (light opal)
- **optional** :
- Adjustable cable suspension (upto 2 m).
 - Endcap + midcap in PC.



Electrical specifications:

- ferromagnetic ballast and switch starters.
- low loss ballast
- Individual or "in-line" luminaires (max 16A).
- **optional** :

 - parallel compensation
 - electronic starters
 - HF-ballast in 36, 58w and T5.

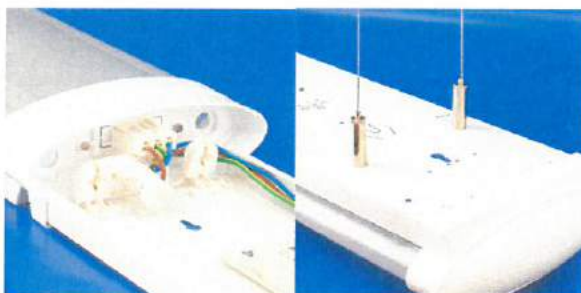


Endcap
(PS high impact)

"Midcap" for in-line
assembly (PS high impact)

Lamps:

- fluorescent T8 lamps : 18 - 36 - 58w
- fluorescent T5 lamps : 8-21-28-35-39-49-54-80w



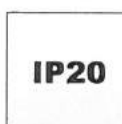
Throughwiring
(in-line installation)

Adjustable cable
suspension (option)



High quality prismatic diffuser
(PMMA - Bc7 - PC)

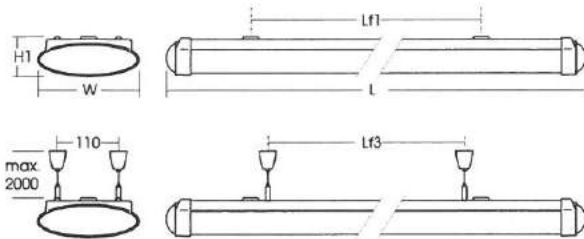
Easy access
(no tools necessary)



V09.12.2013



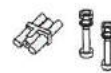
technical data type LILI



LiLi Suspension set



LiLi Connection set

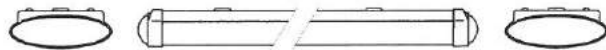


Lili T8	L	W	H1	Lf1	Lf3	Kg
2x 18W	683	208	77	460	370	2.0
2x 36W	1293	208	77	800	710	3.8
2x 58W	1593	208	77	1000	910	5.4
Lili T5						
1x35/49/80W	1550	208	77	1000	910	4.5
2x21/39 *	950	208	77	570	480	1.8
2x28/54 *	1250	208	77	800	710	3.0
2x35/49/80W *	1550	208	77	1000	910	4.5
2x8W	420	208	77	-	-	1.1

Lili-EM (emergency)	L	W	H1	Battery	Autonomy	Kg
1x8W	420	208	77	3x4Ah	3h	1.8

* Limited max. ambient temperatures for 2x39/54/80W (T5)

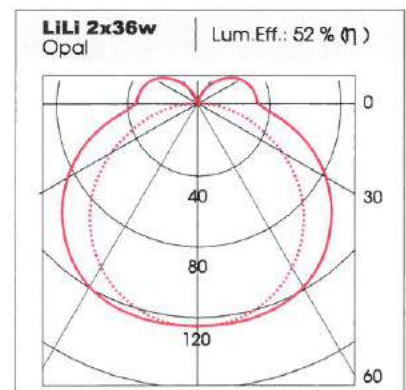
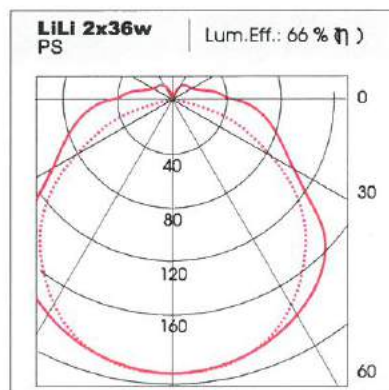
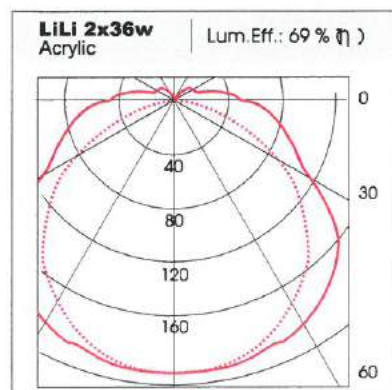
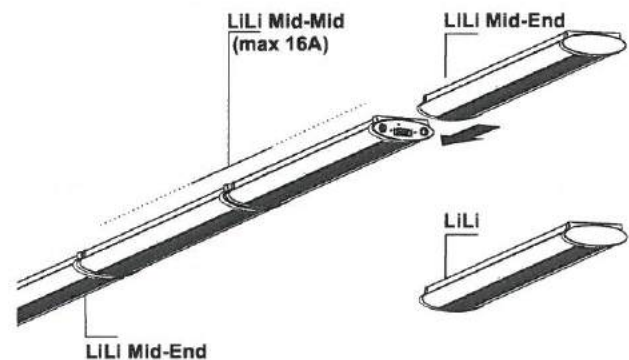
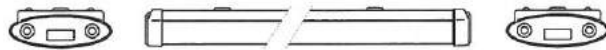
LILI



LiLi Mid-End



LiLi Mid-Mid



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3400 LANDEN BELGIUM

Tel + 32 11 88 09 00
Fax + 32 11 83 22 22

website www.vlux.com
ISO 9001 certified company





technical data type **Slim 4x18**

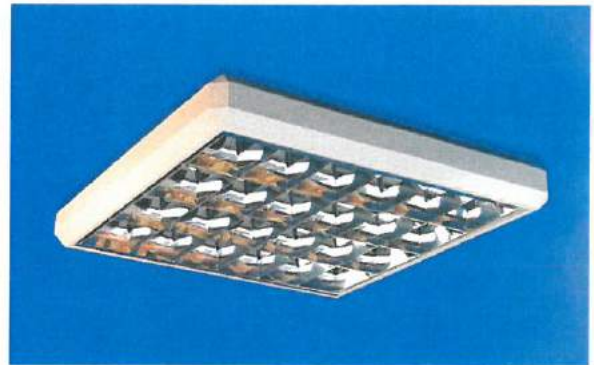
- Housing: - made of white powder coated steel.
- corners in injected plastic material.
- Louvre: - double or single parabolic in anodized aluminium.
- spring mounted in the metal housing.

Types of louvres:

- single parabolic: longitudinal reflector / crossblade
 - MAT/MAT : matt / matt
- double parabolic: LG 3 : Cat 2 and Cat 3
 - AB: bright anodized aluminium
 - AM: matt anodized aluminium

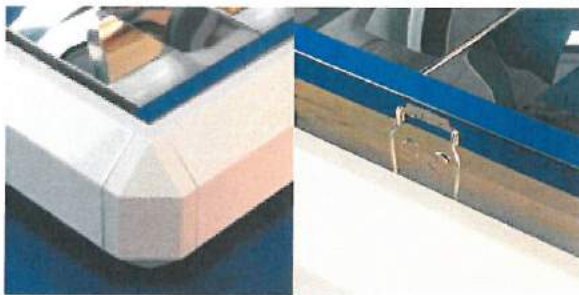
Other types on request :

- 3x18W, 3x36W, 3x58W
- 4x36W, 4x58W



Electrical specifications:

- ferromagnetic ballast and switch or electronic starters
- optional: - serial or parallel compensation
 - HF or HFD ballast
 - low loss ballast

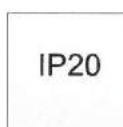
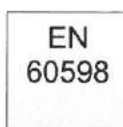
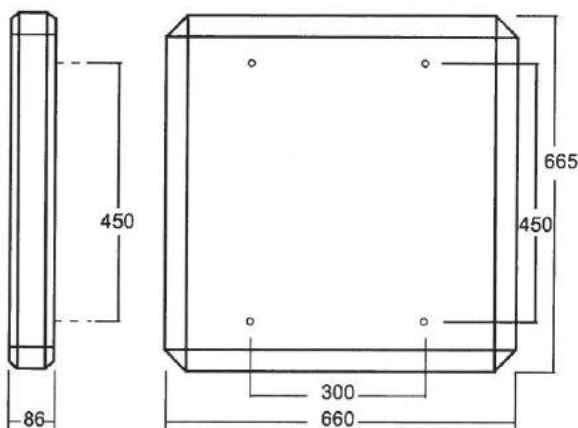


injection molded corners

Hingeable louvre

Lamps:

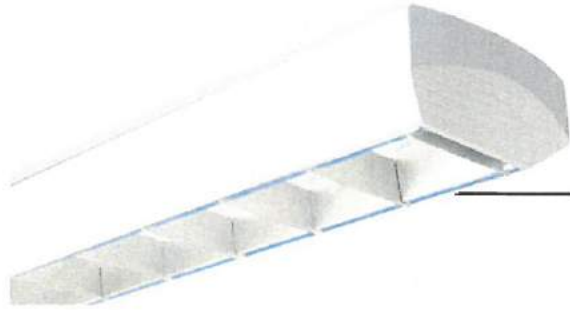
- fluorescent lamps (TL - T8) 4x 18w



V17.01.2012

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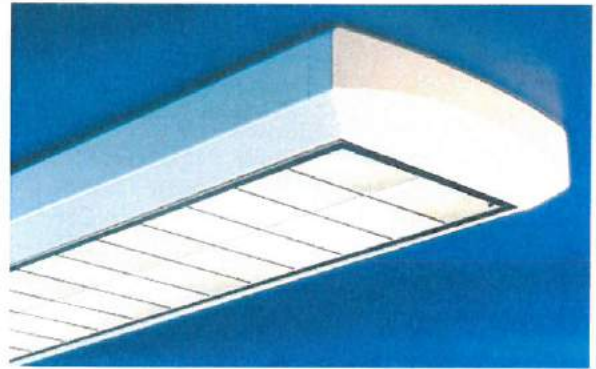
technical data type **SLIM**

Housing: White profiled housing with plastic endcaps.

Louvre: Single or double parabolic louvre available, fixed into the housing with a shoot bolt system

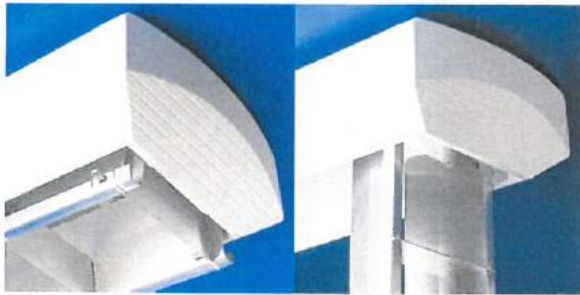
Types of louvres:

- double parabolic: LG 3 : Cat 2. (T8 or T5)
 - AB: bright anodized aluminium
 - AM: matt anodized aluminium
- asymmetric : AB: bright anodized aluminium (T8 or T5)



Electrical specifications:

- ferromagnetic ballast and switch or electronic starters
- optional:
 - Parallel compensation.
 - HF or HFD ballast.
 - low loss ballast.
 - emergency module : 1 or 3 hours.

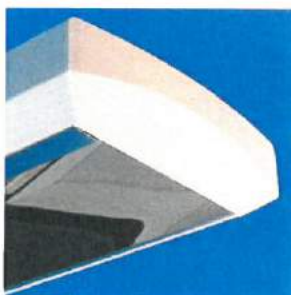


Louvre with 4 shootbolts

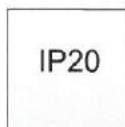
Hingeable louvre

Lamps:

- fluorescent lamps (T8) in 18w -36w -58w.
- fluorescent lamps (T5) in 28w -35w.



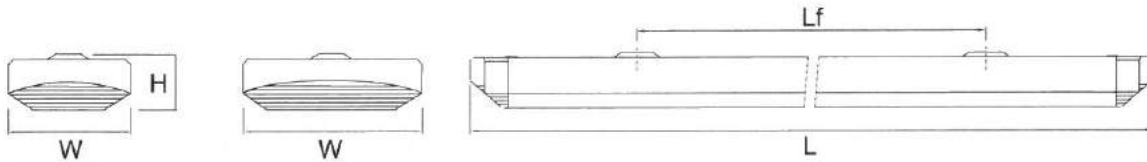
Asymmetric louvre



V09.12.2013



technical data type SLIM



Slim T8	L	Slim T5	L	W	H	Lf	Kg	m3
1x 36W	1299	1x 28W	1254	170	75	650	3.7	0.018
1x 58W	1599	1x 35/49W	1554	170	75	800	4.9	0.022
2x 36W	1299	2x 28W	1254	255	75	650	5.6	0.027
2x 58W	1599	2x 35/49W	1554	255	75	800	7.3	0.033

SLIM DP AB Duo Correction factors : 36W: 1.00 58W: 1.00

Polair Diagram

100/DIV

Utilisation Factors

Room Ind. K	0.60	0.80	1.00	1.25	1.50	2.00	2.50	3.00	4.00	5.00
Ceilings	.8	.7	.7	.5	.5	.5				
Walls	.5	.5	.3	.5	.3	.3				
Floor	.3	.1	.3	.3	.3	.1				
0.60	.42	.29	.25	.28	.24	.24				
0.80	.48	.35	.31	.34	.31	.30				
1.00	.52	.40	.36	.39	.35	.34				
1.25	.55	.45	.41	.43	.40	.38				
1.50	.58	.48	.44	.46	.43	.41				
2.00	.61	.52	.49	.50	.48	.45				
2.50	.62	.55	.52	.52	.50	.47				
3.00	.64	.57	.54	.54	.52	.48				
4.00	.65	.59	.57	.56	.54	.50				
5.00	.66	.60	.58	.57	.55	.51				

Glare Evaluation 2x3350 lm

Quality class	G	Service Illuminance (Lux)		
A	1.15	2000	1000	500
B	1.5	2000	1000	500 250
C	1.85	2000	1000	500

85°
75°
65°
55°
45°

2 4 6 8 10³ 2 3 4 6
cd/m²

e/h : 1.77 | Lum.Eff.: 52 % (η) | C.I.E.: 62 98 99 100 (η) | BZ3/1.00 B22 | UTE : .52C

SLIM WH/WH Duo Correction factors : 36W : 1.00 58W : 1.00

Polair Diagram

50/DIV

Utilisation Factors

Room Ind. K	0.60	0.80	1.00	1.25	1.50	2.00	2.50	3.00	4.00	5.00
Ceilings	.8	.7	.7	.5	.5	.5				
Walls	.5	.5	.3	.5	.3	.3				
Floor	.3	.1	.3	.3	.3	.1				
0.60	.42	.28	.24	.28	.24	.23				
0.80	.47	.34	.30	.33	.29	.28				
1.00	.51	.39	.34	.37	.33	.32				
1.25	.54	.43	.39	.41	.38	.36				
1.50	.57	.46	.42	.44	.41	.39				
2.00	.60	.51	.47	.48	.45	.43				
2.50	.62	.54	.51	.51	.48	.45				
3.00	.64	.56	.53	.53	.51	.47				
4.00	.65	.59	.56	.55	.53	.49				
5.00	.66	.60	.58	.57	.55	.49				

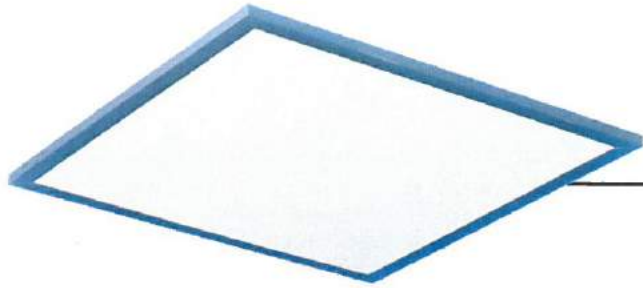
Glare Evaluation 2x3350 lm

Quality class	G	Service Illuminance (Lux)		
A	1.15	2000	1000	500
B	1.5	2000	1000	500 250
C	1.85	2000	1000	500

85°
75°
65°
55°
45°

2 4 6 8 10³ 2 3 4 6
cd/m²

e/h : 1.41 | Lum.Eff.: 53 % (η) | C.I.E.: 56 86 97 100 (η) | BZ3 | UTE : .53C



technical data type **SUR**

LED panel

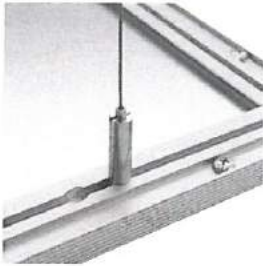
Housing:

made of anodized aluminium,
developed for pending or surface
(or recessed module 600 ceilings)

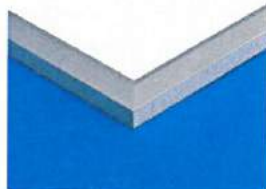
Diffuser:

available in frosted acrylic sheet,
mounted into the frame

-Optional: Direct/indirect

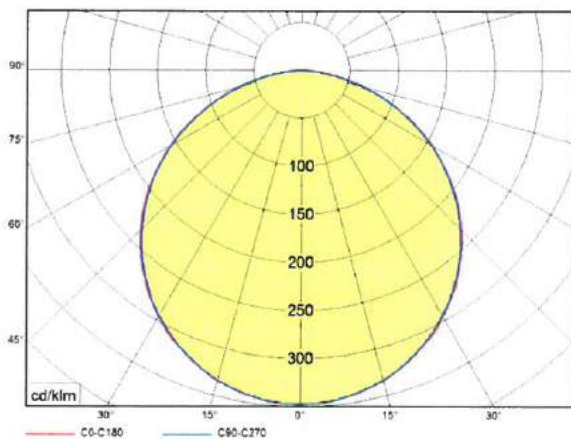


Pendant mounting

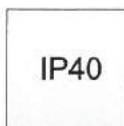
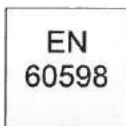


Alu Frame

Alternative: see also type **RES**

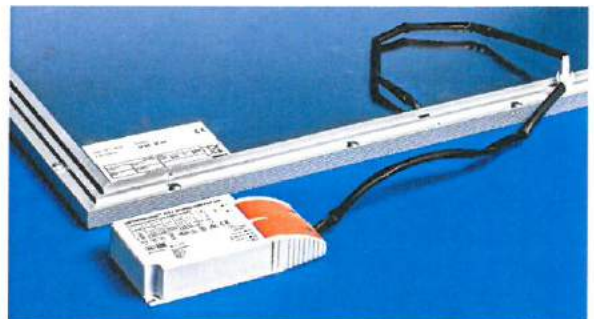


27.04.2016



Electrical specifications:

- LED current driver
- optional Dali Dim or 1-10v Dim
- product life time 50.000h L80B50
- available in 2900K,3800K and 5300K with CRI of min. 80
- Luminous efficiency: LER up to 105lm/W



Housing	Power(W)	Flux(Lumen)
600x600	38	4000
	58	5500
300x1200	38	4000
	58	5500
600x1200	72	7200
	118	9800

* Total power consumption of LED's and driver.

** Luminous flux of fitting

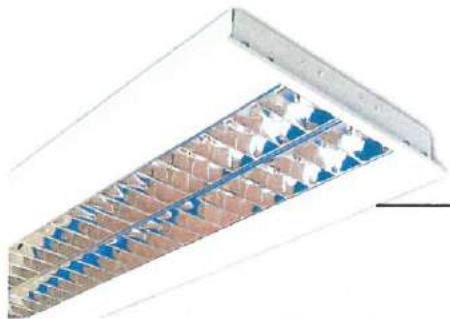
VLUX
Industrieweg Roosveld
3400 LANDEN BELGIUM

Tel + 32 11 88 09 00
Fax + 32 11 83 22 22

website www.vlux.com

ISO 9001 certified company





technical data type **ECLIPS**

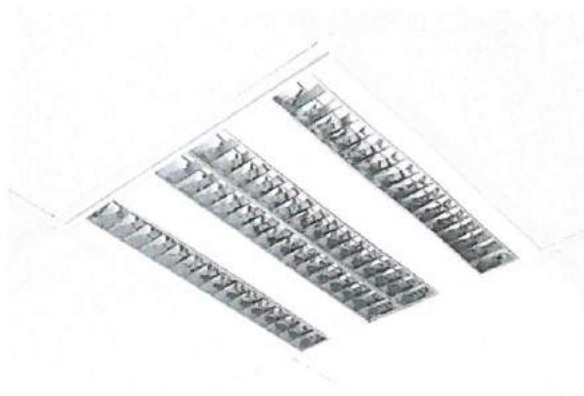
Housing: 60 mm high, powder coated white steel, developed for module 600 ceilings and T5 application.

Louvre:

- Louvre dark light (equivalent to cat 2)
- double parabolic louvre available in bright anodized aluminium(AB)(MIRO 4)
- the crossblades of the louvre are designed for optimal efficiency.

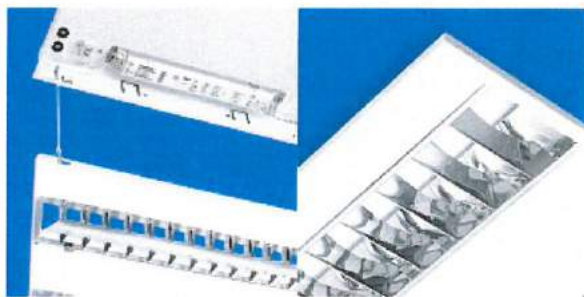
Electrical specifications:

- T5 electronic ballasts (HF)
- T5 dimmable electronic ballasts (HFD)
- Emergency version on request.



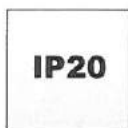
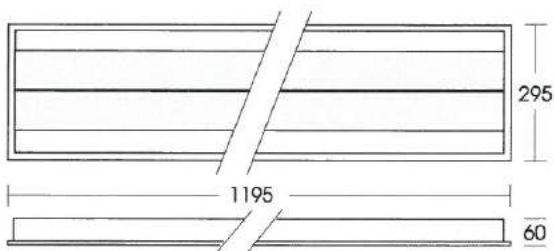
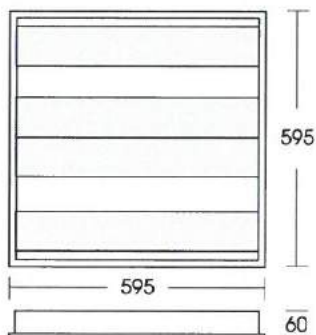
Lamps:

- T5 fluorescent lamps in:
 - 3x14W, 3x24W, 4x14W, 4x24W
 - 2x28W
- Other wattages on request.



"Hang-on" frame with integrated louvres

Double parabolic (cat 2) louvre

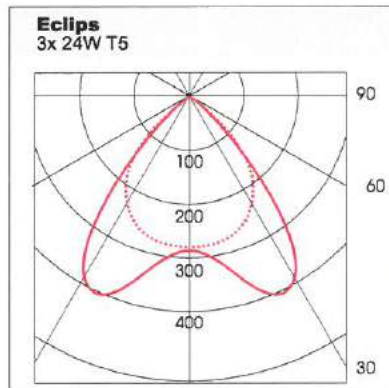
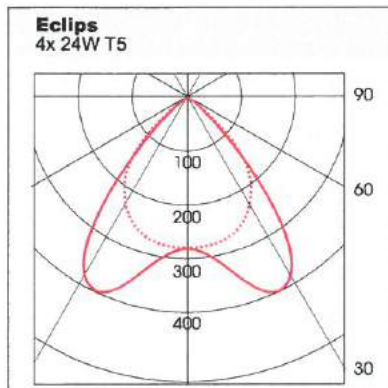
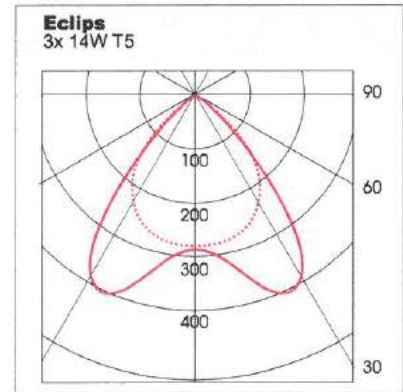
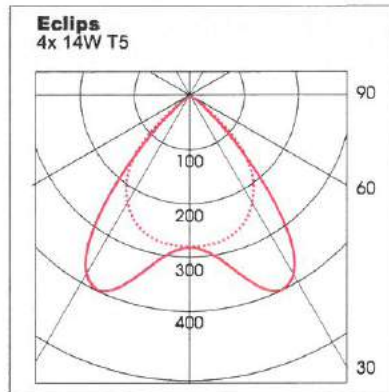
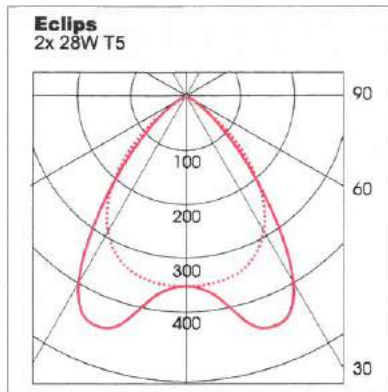


V16.01.2012

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technical data type **ECLIPS**



VLUX
Industrieweg Roosveld
3400 LANDEN BELGIUM

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Fax + 32 11 83 22 22

website www.vlux.com
ISO 9001 certified company.





technical data type **ECLIPS LED**

Housing: 60 mm high, powder coated white steel, developed for module 600 ceilings.

Louvre:

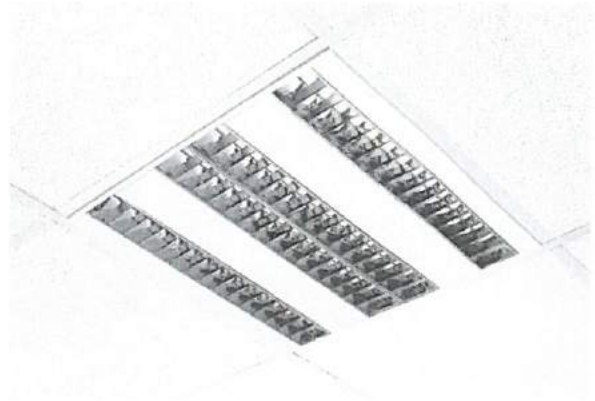
- Frosted LED-cover.
- double parabolic louvre in highly polished or mat aluminum (category 2).

Electrical specifications:

- LED driver.
- Optional : Dim 1-10 V, DALI.

Power:

- 30W = 2400 Lm.
- 42W = 3200 Lm.

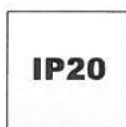
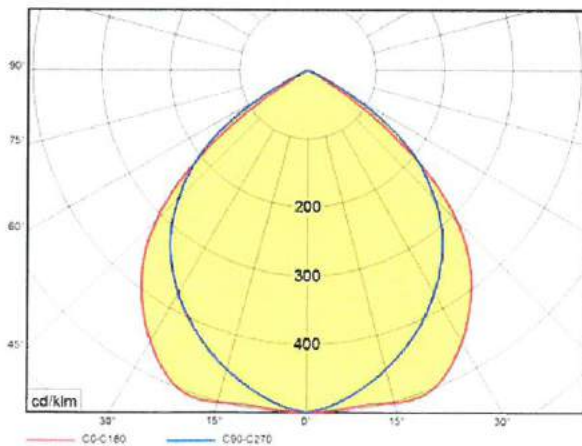
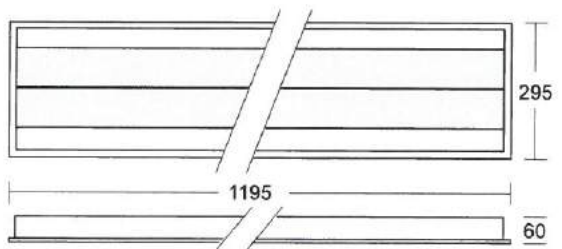
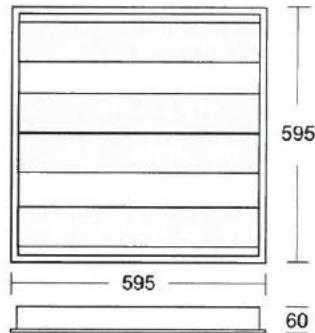


Connector

Double parabolic (cat 2) louvre

LED:

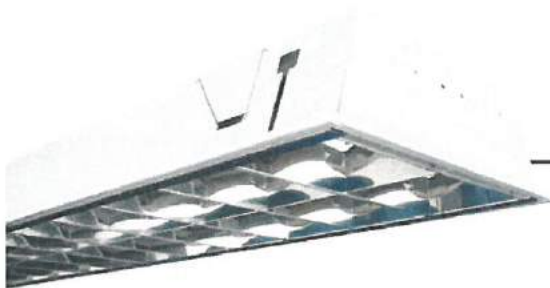
- Productlifetime 50.000 h L80B50
- Available in 3.000 and 4.000 K
- CRI \geq 80



V 01.03.2016

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technical data type IDP

Housing and diffuser:

- Housing: made of white powder coated steel, developed for module 600 ceilings.
- option: side mounting brackets
- Louvres: spring mounted in the metal housing
- Double parabolic louvres (LG 3 Cat.2)
- available in: - AB: bright anodized aluminium
- AM: mat anodized aluminium

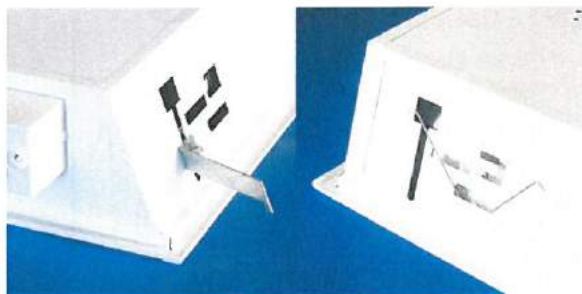
Electrical specifications:

- ferromagnetic ballast and switch starters
- optional: - parallel compensation
- electronic starters
- low loss ballast
- HF-ballast and HFD-ballast



Lamps:

- fluorescent lamps in 18 - 36 - 58w



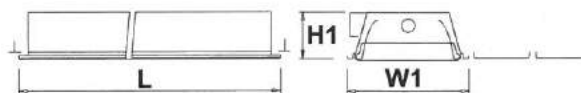
Side mounting bracket (optional) Spring mounted louvre



Louvre in open position Louvre in aluminium Mat finish

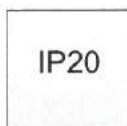
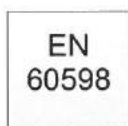
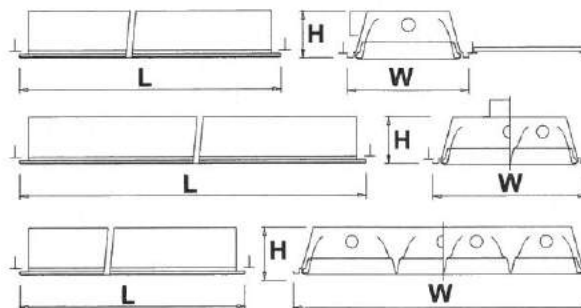
Panel ceiling Mod. 100/200

Model	L	W1	H1	Kg	m3
1x 36W	1197	184	93	2.9	0.022
1x 58W	1497	184	93	3.9	0.027



T rails ceiling Mod. 300/600

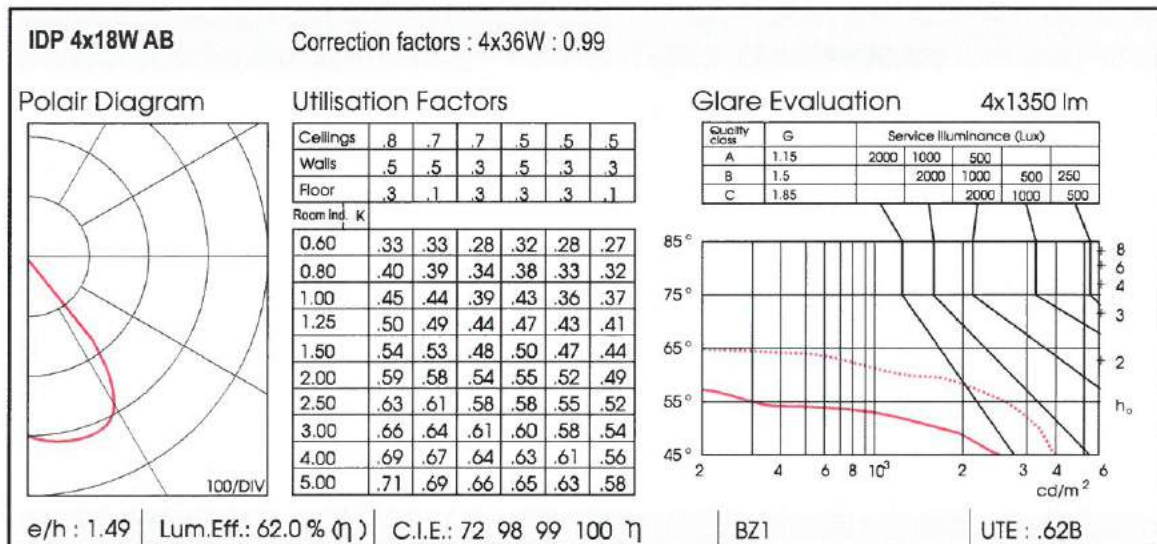
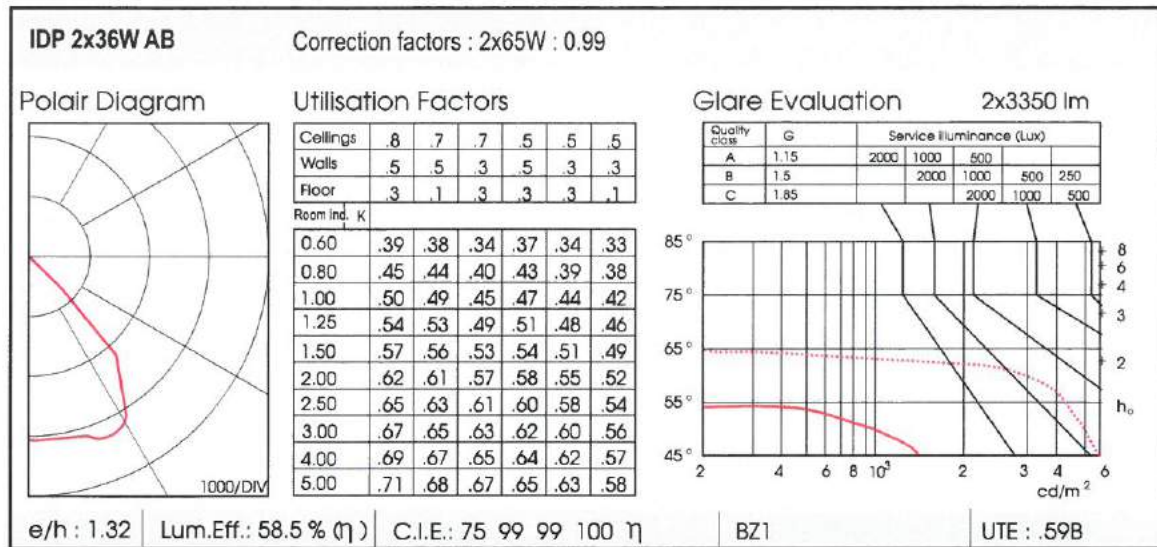
Model	Module	L	W	H	Kg	m3
1x 36W	-	1197	184	93	2.9	0.022
1x 58W	-	1497	184	93	3.9	0.027
2x 18W	300 x 600	597	297	93	2.5	0.020
2x 36W	300 x 1200	1197	297	93	4.9	0.040
2x 58W	300 x 1500	1497	297	93	6.3	0.050
3x 18W	600 x 600	597	597	93	4.9	0.040
3x 36W	600 x 1200	1197	597	93	9.0	0.080
4x 18W	600 x 600	597	597	93	4.9	0.040
4x 36W	600 x 1200	1197	597	93	9.5	0.080

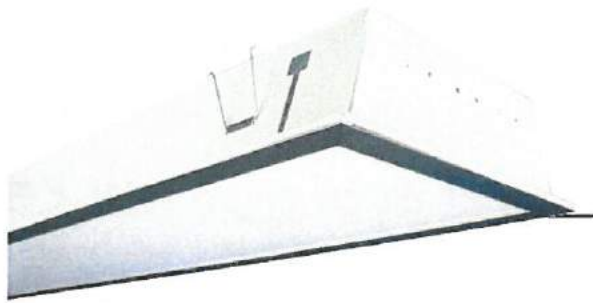


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technical data type IDP





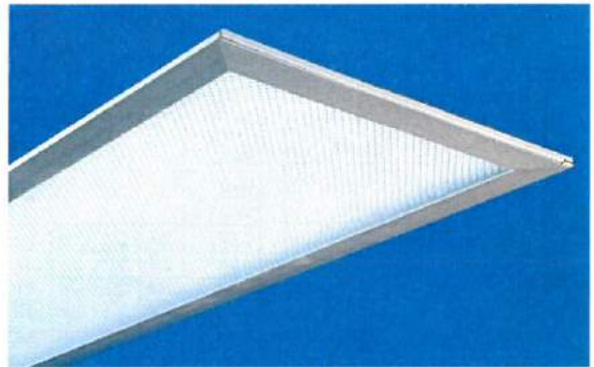
technical data type **INK-LED** **INK**

Housing and diffuser:

- Housing: made of white powder coated steel, developed for module 600 ceilings.
- option: side mounting brackets

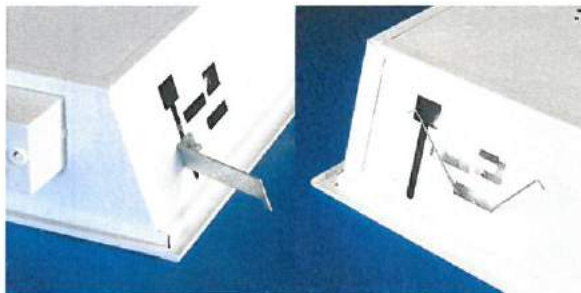
Electrical specifications:

- ferromagnetic ballast and switch starters
- optional:
 - parallel compensation
 - electronic starters
 - low loss ballast
 - HF-ballast and HFD-ballast

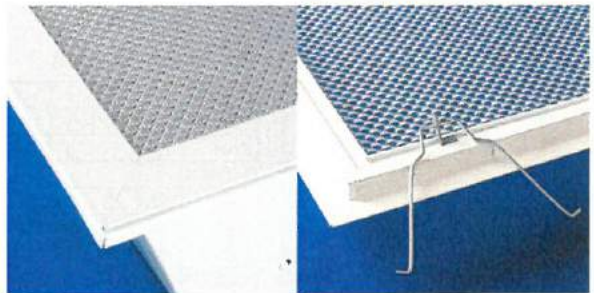


Lamps:

- fluorescent lamps in 18 - 36 - 58w of T5
- LED 38 W (3000 k or 4000 k) 4000 lm



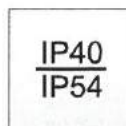
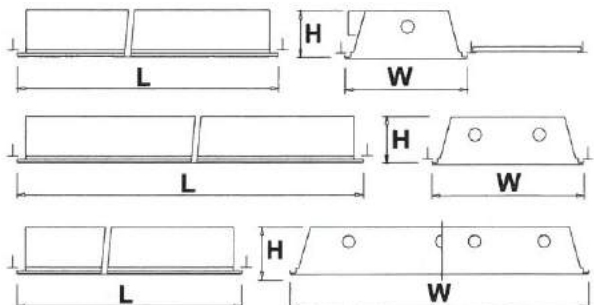
Side mounting bracket (optional) Spring mounted louver



White frame (option) Suspension spring

T rails ceiling Mod. 300/600

Model	Module	L	W	H	Kg	m3
1x 36W	-	1197	184	93	2.9	0.022
1x 58W	-	1497	184	93	3.9	0.027
2x 18W	300 x 600	597	297	93	2.5	0.020
2x 36W	300 x 1200	1197	297	93	4.9	0.040
2x 58W	300 x 1500	1497	297	93	6.3	0.050
3x 18W	600 x 600	597	597	93	4.9	0.040
3x 36W	600 x 1200	1197	597	93	9.0	0.080
4x 18W	600 x 600	597	597	93	4.9	0.040
4x 36W	600 x 1200	1197	597	93	9.5	0.080

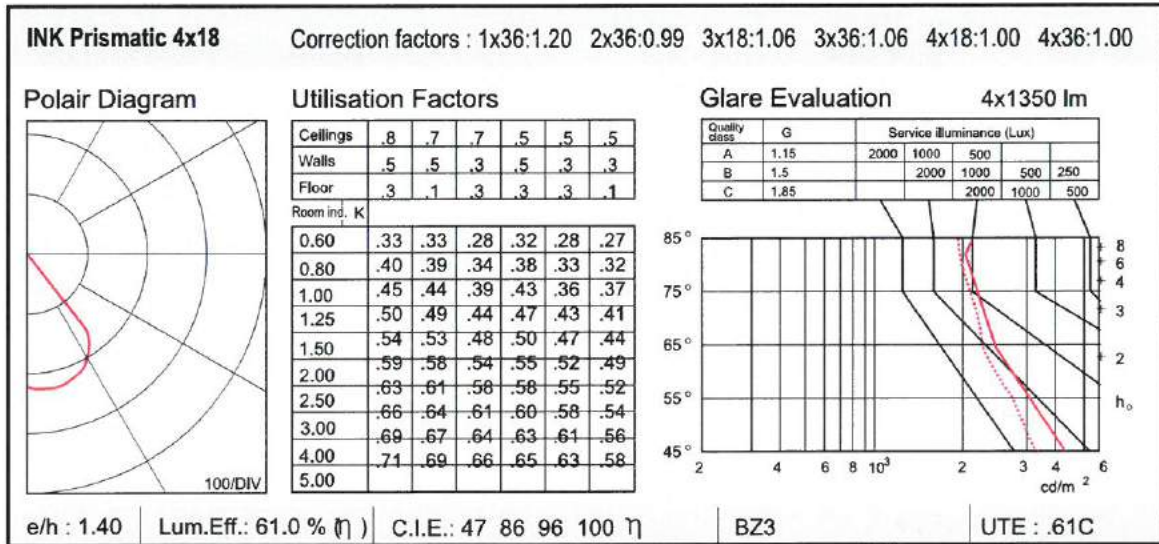
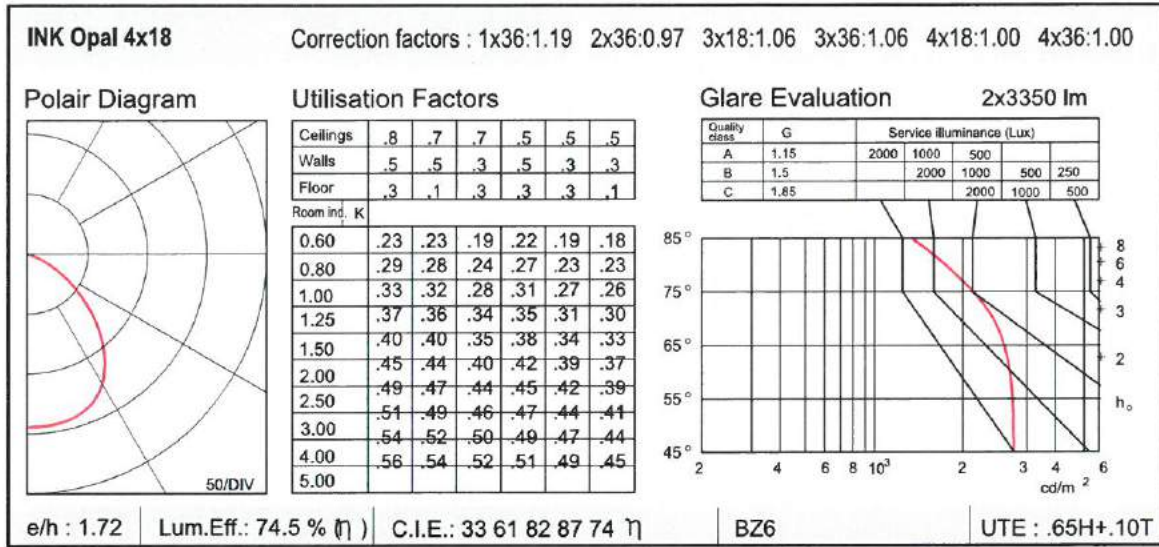


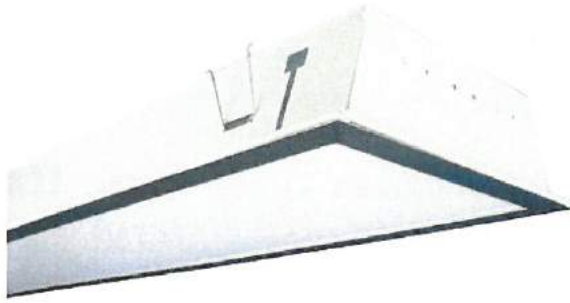
V09.12.2013

*The dimensions shown on this document can be modified without notice.



technical data type **INK-LED** **INK**





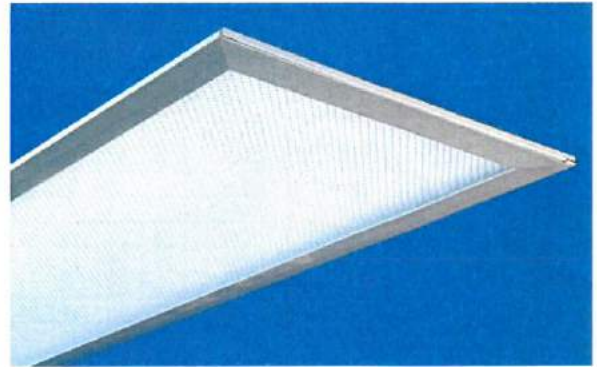
technical data type INK

Housing and diffuser:

- Housing: made of white powder coated steel, developed for module 600 ceilings.
- option: side mounting brackets
- option: IP54 (from room side only).
- Diffuser: available in a prismatic or opal (PC, PS) sheet, mounted into an aluminium frame (anodised).

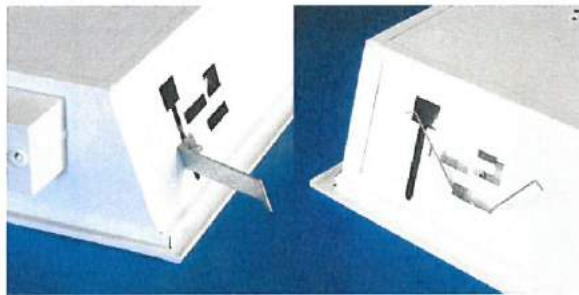
Electrical specifications:

- ferromagnetic ballast and switch starters
- optional: - HF-ballast and HFD-ballast (DALI)

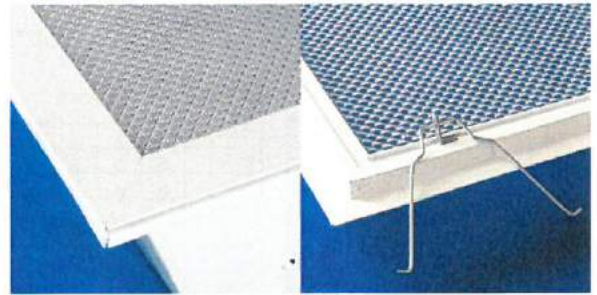


Lamps:

- fluorescent lamps in T8 / 18 - 36 - 58w
- also available in T5: 4x14w and LED



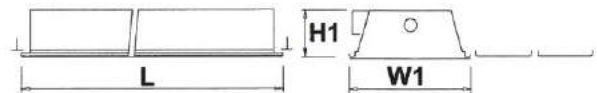
Side mounting bracket (optional) Spring mounted louver



White frame (option) Suspension spring

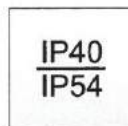
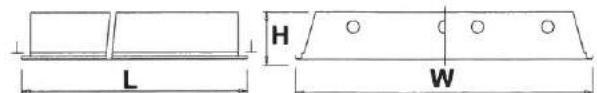
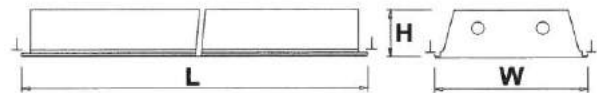
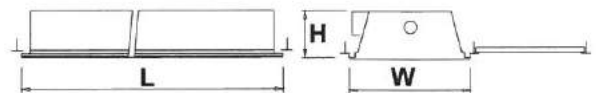
Panel ceiling Mod. 100/200

Model	L	W1	H1	Kg	m3
1x 36W	1197	184	93	2.9	0.022
1x 58W	1497	184	93	3.9	0.027



T rails ceiling Mod. 300/600

Model	Module	L	W	H	Kg	m3
1x 36W	-	1197	184	93	2.9	0.022
1x 58W	-	1497	184	93	3.9	0.027
2x 18W	300 x 600	597	297	93	2.5	0.020
2x 36W	300 x 1200	1197	297	93	4.9	0.040
2x 58W	300 x 1500	1497	297	93	6.3	0.050
3x 18W	600 x 600	597	597	93	4.9	0.040
3x 36W	600 x 1200	1197	597	93	9.0	0.080
4x 18W	600 x 600	597	597	93	4.9	0.040
4x 36W	600 x 1200	1197	597	93	9.5	0.080
4x 14W	600 x 600	596	596	94	4.8	0.040

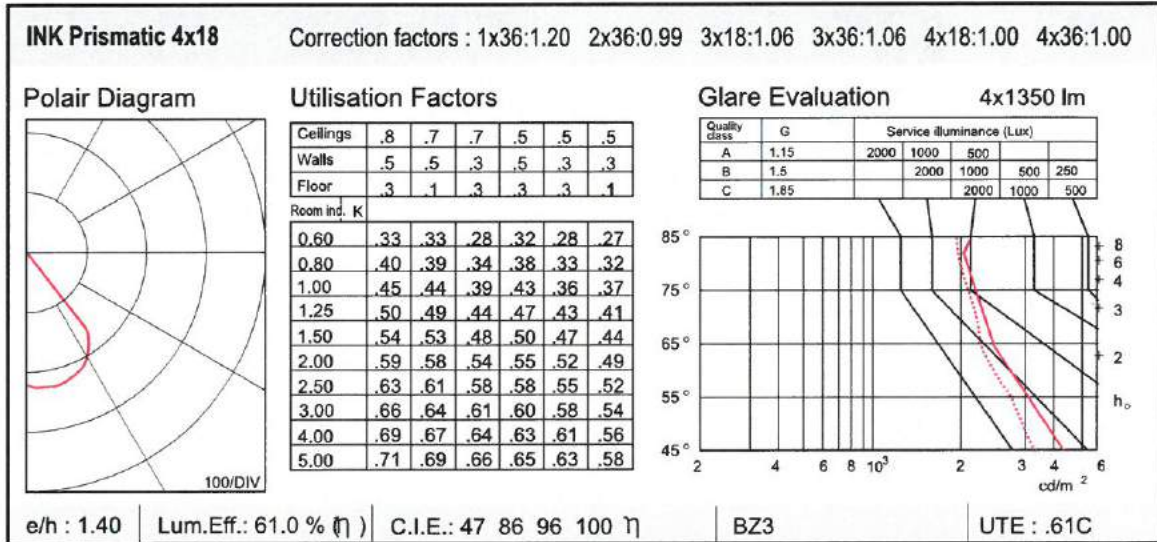
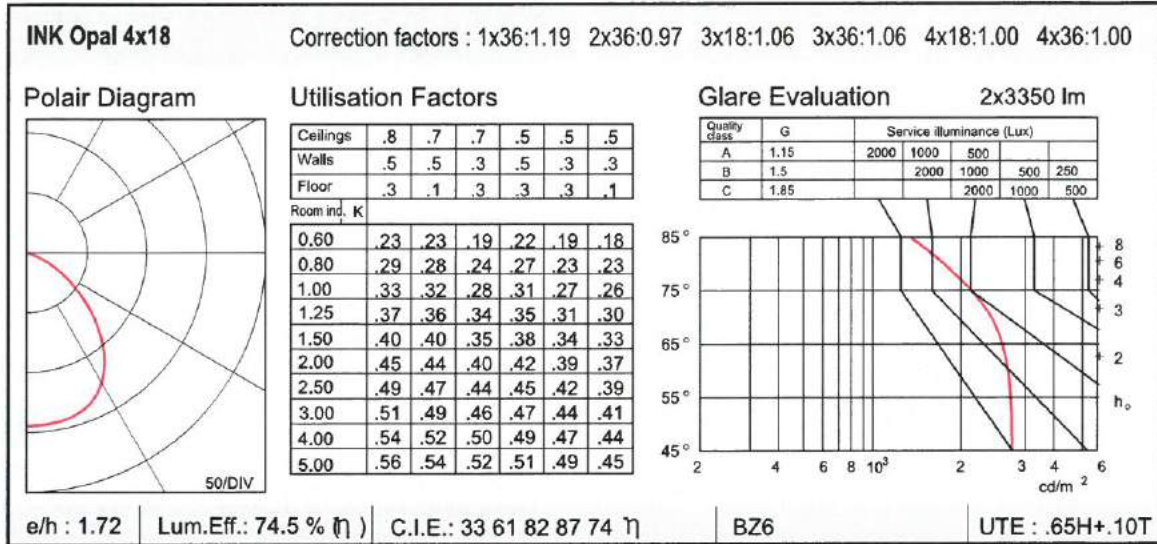


V 26.01.2016

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technical data type INK





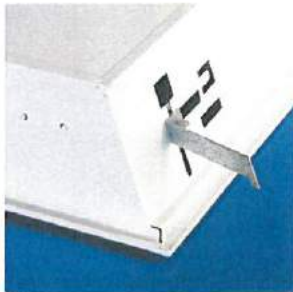
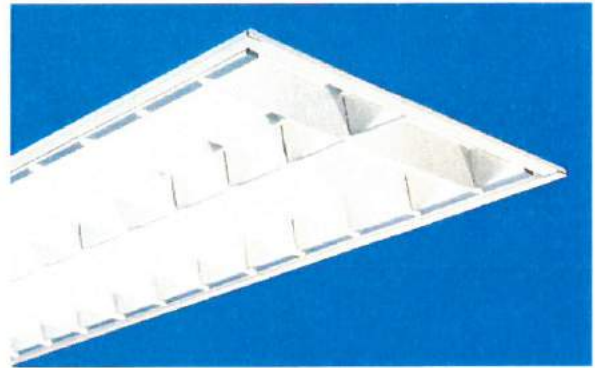
technical data type INW

Housing and diffuser:

- Housing: made of white powder coated steel, developed for module 600 ceilings.
- option: side mounting brackets
- option: longitudinal mounting brackets

Types of louvres:

- single parabolic: longitudinal reflector / crossblade
- MAT/MAT : matt / matt



Side mounting bracket
(optional)

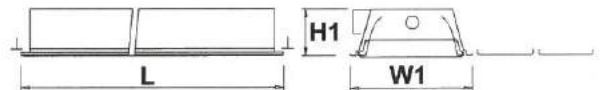
Electrical specifications:

- ferromagnetic ballast and switch starters
- optional: - parallel compensation
- electronic starters
- low loss ballast
- HF-ballast and HFD-ballast

Lamps: - fluorescent lamps in 18 - 36 - 58w

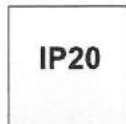
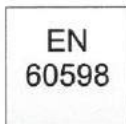
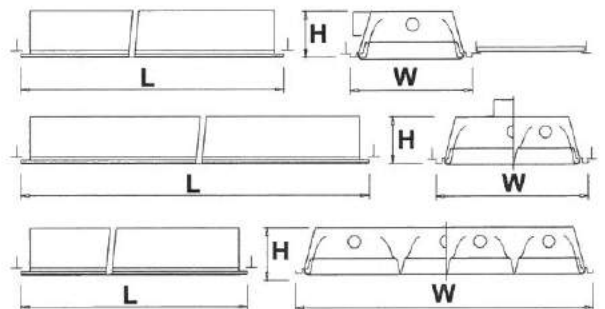
Panel ceiling Mod. 100/200

Model	L	W1	H1	Kg	m3
1x 36W	1197	184	93	2.9	0.022
1x 58W	1497	184	93	3.9	0.027



T rails ceiling Mod. 300/600

Model	Module	L	W	H	Kg	m3
1x 36W	-	1197	184	93	2.9	0.022
1x 58W	-	1497	184	93	3.9	0.027
2x 18W	300 x 600	597	297	93	2.5	0.020
2x 36W	300 x 1200	1197	297	93	4.9	0.040
2x 58W	300 x 1500	1497	297	93	6.3	0.050
3x 18W	600 x 600	597	597	93	4.9	0.040
3x 36W	600 x 1200	1197	597	93	9.0	0.080
4x 18W	600 x 600	597	597	93	4.9	0.040
4x 36W	600 x 1200	1197	597	93	9.5	0.080

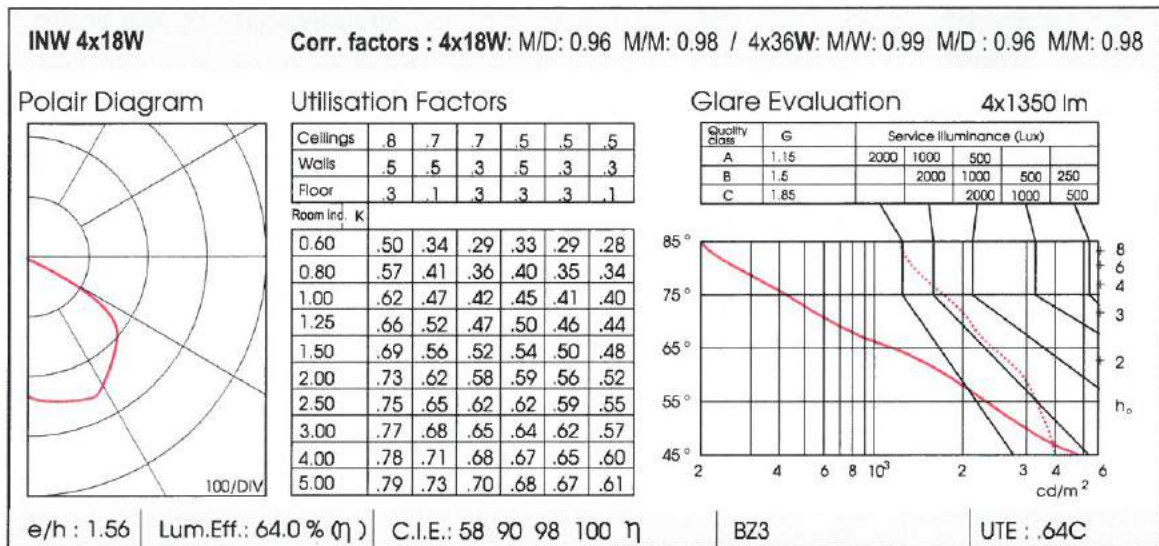
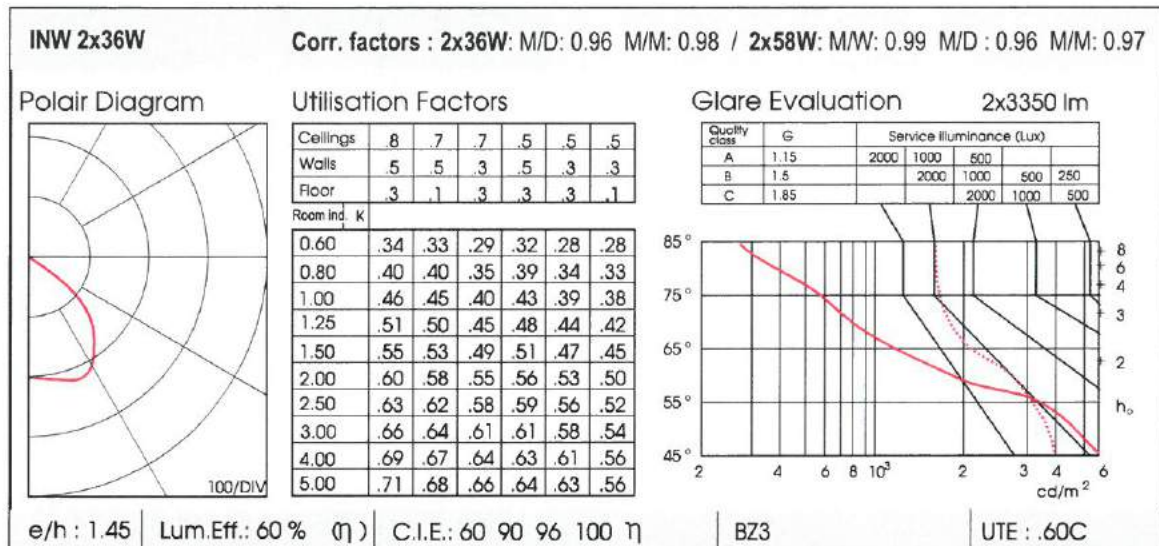


V09.12.2013

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technical data type INW





technical data type **WAVE**

Housing and reflector:

- Housing: made of white painted steel, developed for module 600 ceilings.
- The backreflector consists of two parabolic profiled reflectors, partly covered by a perforated refractor.
- This refractor is covered by a white synthetic paper, especially developed for this application, which guarantees an indirect, mellow light.

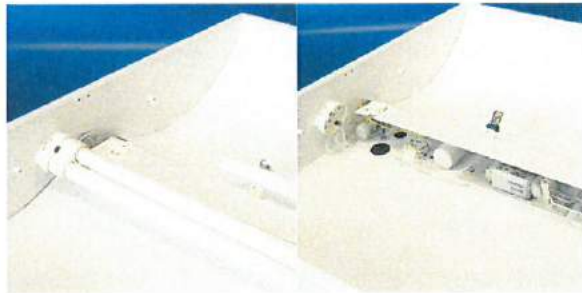
Electrical specifications:

- ferromagnetic ballast and switch starters
- optional:
 - parallel compensation
 - electronic starters
 - low loss ballast
 - HF-ballast and HFD-ballast



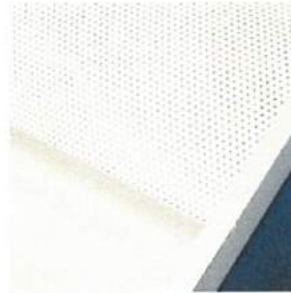
Lamps:

- fluorescent lamps of 36 - 55w TC-L

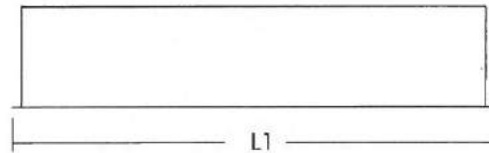
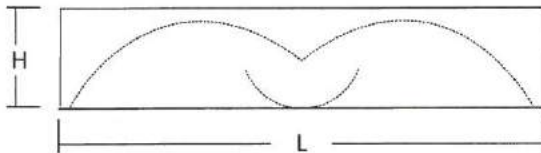


TC-L type
access to lamp

TC-L type
access to connectors



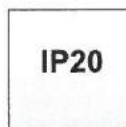
Perforated diffuser



Model	L	L1	H
2 x 36W TC-L	595	595	100
2 x 40W TC-L	595	595	100
2 x 55W TC-L	595	595	100



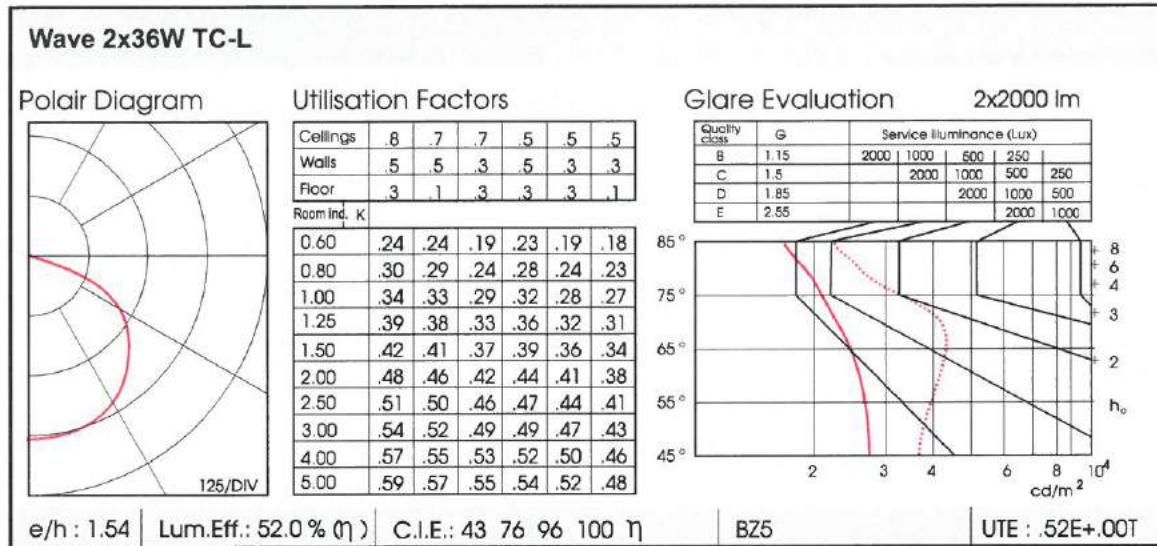
V09.12.2013

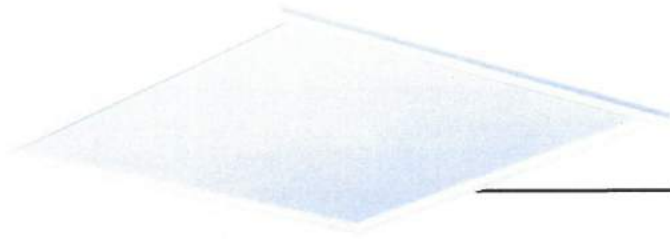


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technical data type **WAVE**





technical data type RES

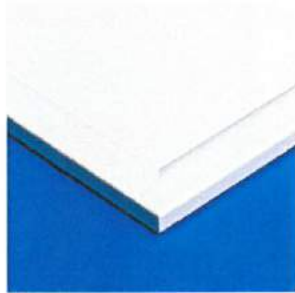
LED panel

Housing:

made of white powder coated aluminium, developed for recessed module 600 ceilings (or pending)

Diffuser:

available in prismatic or frosted sheet, mounted into the frame



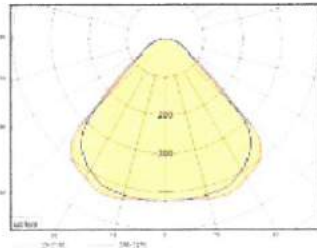
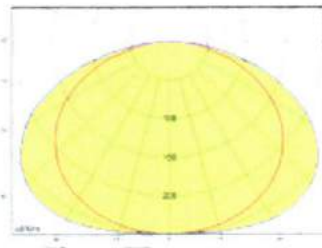
White frame

Electrical specifications:

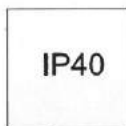
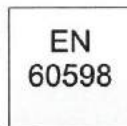
- LED current driver
- optional Dali Dim or 1-10v Dim
- product life time 50.000h L80B50
- available in 3000K,4000K and 5700K with CRI of min. 80
- Luminous efficiency: LER up to 112lm/W

Alternative: see also type **SUR**

Housing	Power(W)	Flux(Lumen)
600x600	33	3700
	50	5200



27.04.2016



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website www.vlux.com
ISO 9001 certified company





technical data type **DCH-R 175**

Body: made of zinc-coated sheet. The outer-ring is made of sheet steel surface finished with white powder coating RAL 9003 (another colour on request). The springs are made of a hardened zinc-coated steel tape.

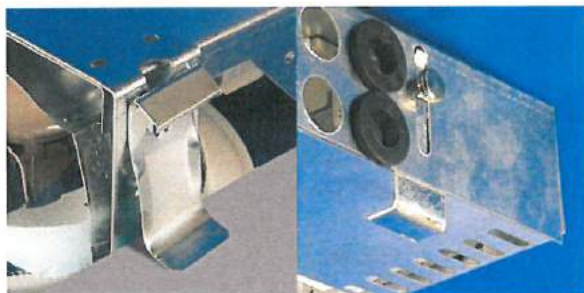
Optic: reflector of high-polished aluminium coated by vapour deposition.

- Options:
- Faceted reflector
 - Recessed glass (IP44)
 - Turbo parabolic reflector
 - Decorative sand-blasted glass
 - Brass or chrome outer-ring



Electrical specifications:

- ferromagnetic ballast and switch starters
- optional:
 - parallel compensation
 - low loss ballast
 - HF-ballast
 - HFD-ballast
 - conversion module (1 or 3 h.)



Easy mounting springs Adjustable rear support

Lamps:

- 1or2 x13W : TC-D (G24d-1) or TC-DEL (G24q-1)
- 1or2 x18W : TC-D (G24d-2) or TC-DEL (G24q-2)
- 1or2 x26W : TC-D (G24d-3) or TC-DEL (G24q-3)



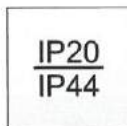
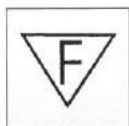
Faceted reflector
(optional)

Recessed glass IP44
(optional)



Turbo parabolic refl.
(optional)

Decorative glass
(optional)

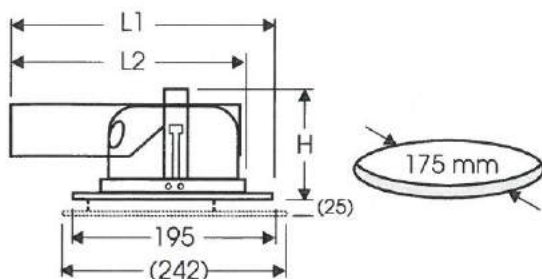


V09.12.2013

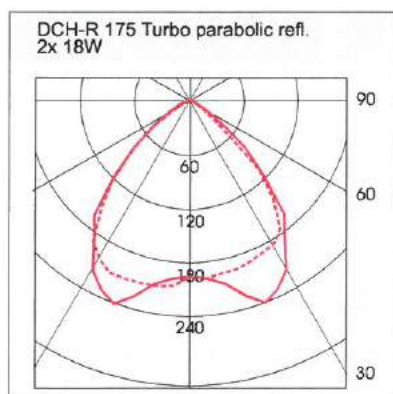
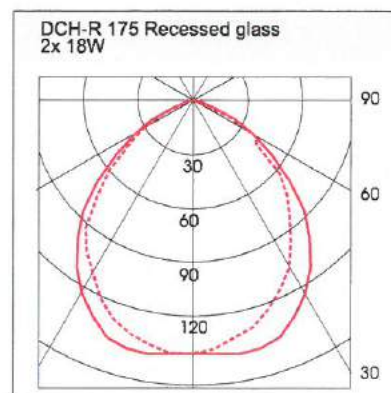
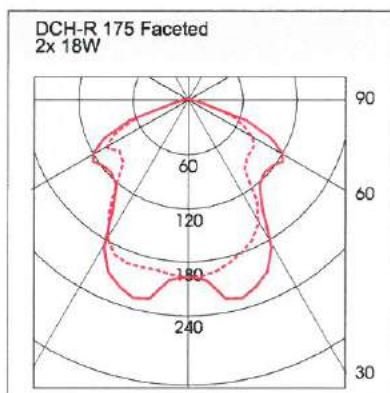
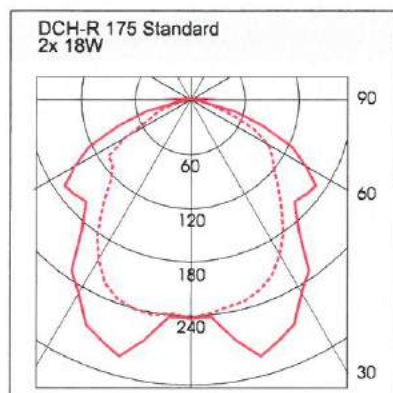
*The dimensions shown on this document can be modified without notice.

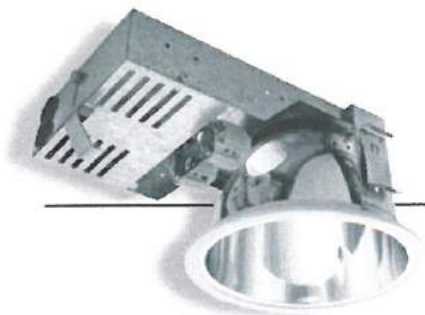


technical data type **DCH-R 175**



Model DCH-R 175	L1	L2	H
Standard refl.	300	285	100
Faceted reflector	300	285	100
Recessed glass	300	285	110
Turbo parab. refl.	300	285	120
Decorative glass	300	285	100





technical data type **DCH-R 205**

Body: made of zinc-coated sheet. The outer-ring is made of sheet steel surface finished with white powder coating RAL 9003 (another colour on request). The springs are made of a hardened zinc-coated steel tape.

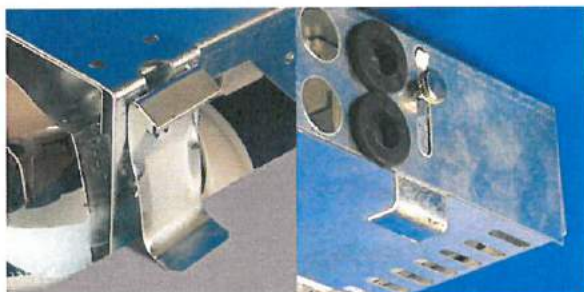
Optic: reflector of high-polished aluminium coated by vapour deposition.

- Options:
- Faceted reflector
 - Recessed glass (IP44)
 - Turbo parabolic reflector
 - Decorative sand-blasted glass
 - Brass or chrome outer-ring



Electrical specifications:

- ferromagnetic ballast and switch starters
- optional:
 - parallel compensation
 - low loss ballast
 - HF-ballast
 - HFD-ballast
 - conversion module (1 or 3 h.)



Easy mounting springs Adjustable rear support

Lamps:

- 1or2 x26W : TC-D (G24d-3) or TC-DEL (G24q-3)
- 1or2 x32W : TC-TEL (G24q-3)
- 1or2 x42W : TC-TEL (G24q-4)



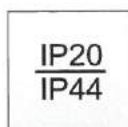
Faceted reflector
for 26W
(optional)

Recessed glass IP44
for 26W
(optional)



Turbo parabolic refl.
for 26W
(optional)

Decorative glass
for 26-32-42W
(optional)

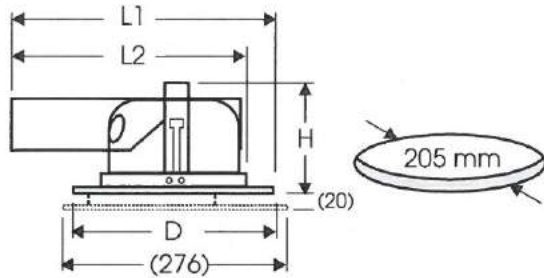


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*The dimensions shown on this document can be modified without notice.

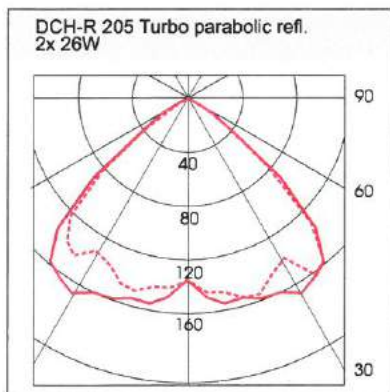
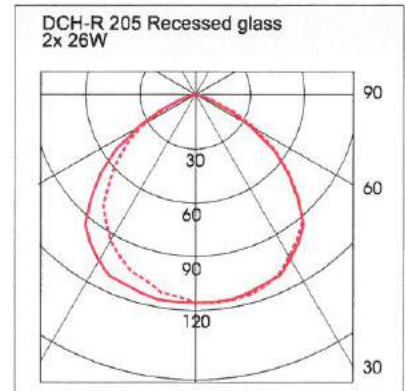
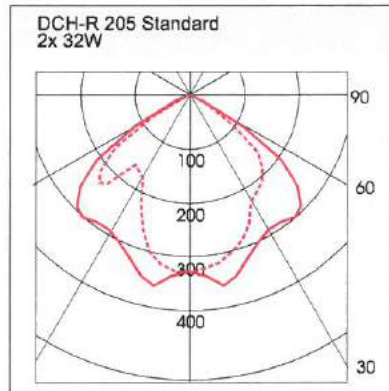
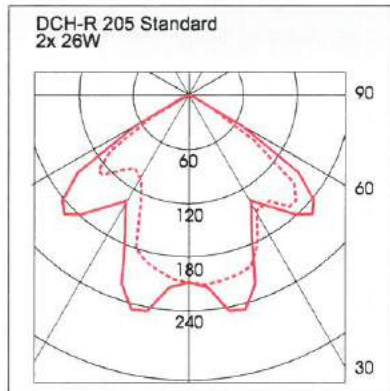


technical data type **DCH-R 205**



Model DCH-R 205 - 26W -	L1	L2	H	D
Standard refl.	340	325	125	225
Faceted reflector	340	325	125	225
Recessed glass	345	325	125	230
Turbo parab. refl.	345	325	145	230
Decorative glass	340	325	130	225

Model DCH-R 205 - 32W - 42W-	L1	L2	H	D
Standard refl.	365	350	125	225
Decorative glass	340	325	130	225





technical data type **DCH-R 170** **DCH-R 210** **DCH-R 245**

Body: made of zinc-coated sheet. The outer-ring is made of cast aluminium finished with white powder coating. The springs are made of a hardened zinc-coated steel tape.

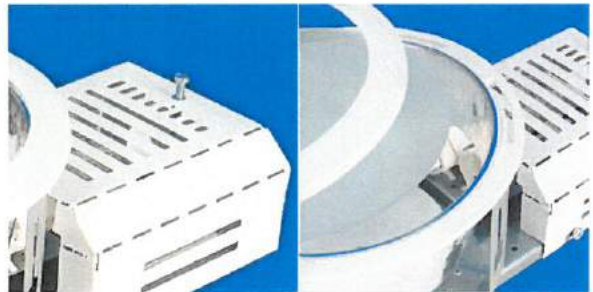
Optic: Faceted reflector of high-polished aluminium coated by vapour deposition.
- optional: - Frosted or transparent glass, providing a IP44 protection.

Electrical specifications:
 - ferromagnetic ballast and switch starters.
- optional: - HF-ballast.



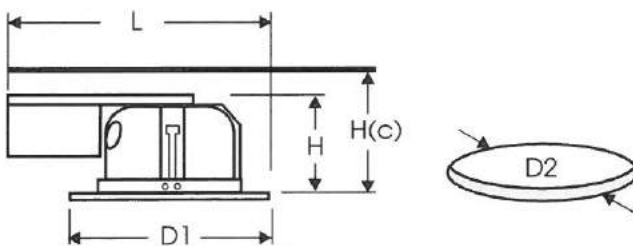
Easy mounting springs

Protection cover



Adjustable rear support

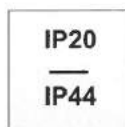
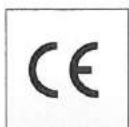
Easy removable glass (option)



Model	L	H	H(c)	D1	D2
DCH-R 170	355	120	170	192	170
DCH-R 210	380	130	180	230	210
DCH-R 245	395	180	230	258	245

All dimensions are in mm.

	DCH-R 170	DCH-R210	DCH-R 245
1x13W	✓		
1x18W	✓		
1x26W		✓	
1x32W			✓
1x42W			✓
2x13W	✓		
2x18W	✓		
2x26W		✓	
2x32W			✓
2x42W			✓



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*The dimensions shown on this document can be modified without notice.





technical data type EMX

Housing:

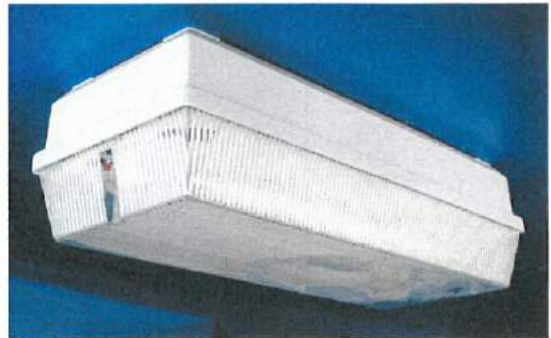
- injection moulded housing made out of polycarbonate (PC) or polystyrene (PS), with EPDM gasket.
- standard white coloured.
- optional: grey coloured.

Diffuser:

- injection moulded diffuser, fixed to the housing with screws, made out of polycarbonate (PC) or acrylic (PMMA).
- opal or clear prismatic or PC-frosted
- pictograms optional.

Reflector:

- made of white stove enamelled steel.
- reflector attached to the housing by quickly detachable "reflector clips".



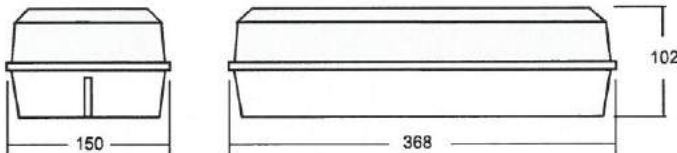
Electrical specifications:

- ferromagnetic ballast and switch starters.
- optional: - emergency applications in 1 and 3H autonomy.
(non maintained or sustained version).
- test-buttons for emergency function test.
- digital self test.

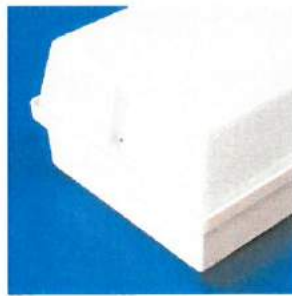
Lamps:

- fluorescent lamps in 8w
- fluorescent compact lamps in 9 - 11 - 18w
- Low pressure sodium lamps in 18w

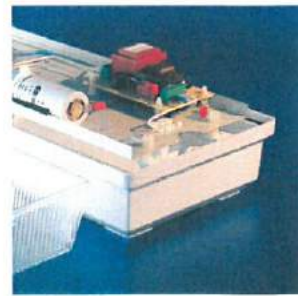
Also LED version available with PC-frosted diffuser and efficiency of 88 lm/w. (1143 lumen out of fitting for 13w)



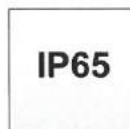
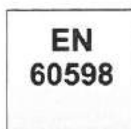
Easy "clip-on" gear tray



Opal diffuser



High quality electronic components



technical data type EMX

EMX		Tot. light output (Lumen)
1x9 W	TCS	600
2x9 W	TCS	950
1x11 W	TCS	900
1x18 W	TCL	1200
2x11W	TCS	1800
1x8 W	T5	330 / 450*
2x8 W	T5	660 / 900*
1x18 W	LPS/SOX	1800

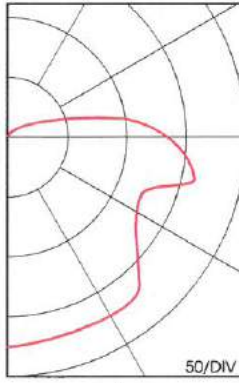
(* = High efficiency lamp.)

EMX Emergency	Tot. light output (Lumen)	Batteries	Auton.
1x8 T5 (non maint.)	125	3x 1.5Ah	1h
1x8 T5 "	90	2x 4Ah	3h
2x8 T5 (sustained)	330 + 125	3x 1.5Ah	1h
2x8 T5 "	330 + 90	2x 4Ah	3h

(Other types of lamps and batteries on request.)

EMX 1x8 Correction factors : 1.00

Polair Diagram

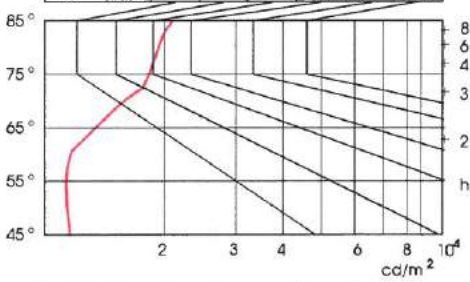


Utilisation Factors

Room Inc. K	0.60	0.80	1.00	1.25	1.50	2.00	2.50	3.00	4.00	5.00
Ceilings	.8	.7	.7	.5	.5	.5				
Walls	.5	.5	.3	.5	.3	.3				
Floor	.3	.1	.3	.3	.3	.1				
0.60	.35	.32	.26	.31	.25	.24				
0.80	.42	.39	.33	.38	.31	.30				
1.00	.49	.44	.39	.43	.36	.35				
1.25	.55	.49	.45	.49	.42	.40				
1.50	.60	.53	.50	.53	.46	.44				
2.00	.68	.59	.57	.59	.53	.50				
2.50	.74	.63	.63	.64	.58	.54				
3.00	.78	.66	.68	.67	.62	.58				
4.00	.84	.70	.74	.72	.67	.62				
5.00	.87	.73	.78	.75	.71	.65				

Glare Evaluation (1x330 lm)

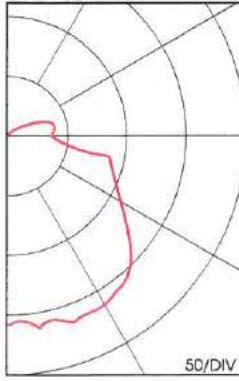
Quality class	G	Service Illuminance (Lux)		
B	1.5	1000	500	300
C	1.15		1000	500
D	1.85			1000
E	2.55			



e/h : 1.58 | Lum.Eff.: 89 % | C.I.E.: 35 59 80 85 89 | BZ6 | UTE : .76H+.13T

EMX 2x11 Correction factors : 2x11: 1.00 - 2x9: 1.09

Polair Diagram

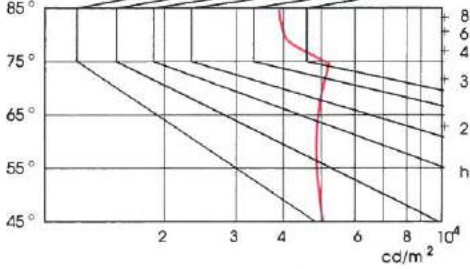


Utilisation Factors

Room Inc. K	0.60	0.80	1.00	1.25	1.50	2.00	2.50	3.00	4.00	5.00
Ceilings	.8	.7	.7	.5	.5	.5				
Walls	.5	.5	.3	.5	.3	.3				
Floor	.3	.1	.3	.3	.3	.1				
0.60	.29	.27	.22	.26	.21	.21				
0.80	.35	.32	.28	.32	.26	.26				
1.00	.40	.36	.33	.36	.31	.30				
1.25	.46	.41	.38	.41	.36	.34				
1.50	.50	.44	.42	.44	.39	.37				
2.00	.56	.49	.48	.49	.45	.42				
2.50	.60	.52	.53	.53	.49	.46				
3.00	.63	.54	.56	.55	.52	.48				
4.00	.68	.57	.60	.59	.56	.51				
5.00	.70	.59	.64	.61	.58	.54				

Glare Evaluation (2x 900 lm)

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



e/h : 1.58 | Lum.Eff.: 65.8 % | C.I.E.: 40 68 87 87 66 | BZ5 2.00 BZ6 | UTE : .57G+.09T



technical data type **LILI-EM**

Housing:

- White powder coated steel.
- White coloured polycarbonate injected endcaps.

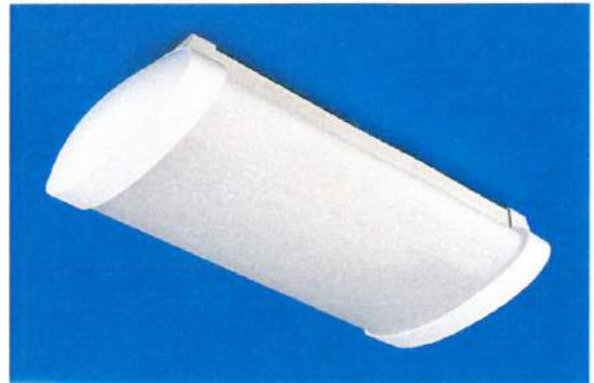
Diffuser:

The plastic diffuser is snap-in mounted on the metal backplate and is easy removable without any tool.

- Extruded profile in frosted PMMA.
- Extruded profile in opal polycarbonate.

Electrical specifications:

- ferromagnetic ballast and switch starters.
- emergency applications in 3H
- test-buttons for emergency function test.
- non maintained or maintained version.
- *optional*: - HF ballast.
- Standard (no emergency) 1&2 x 8W.

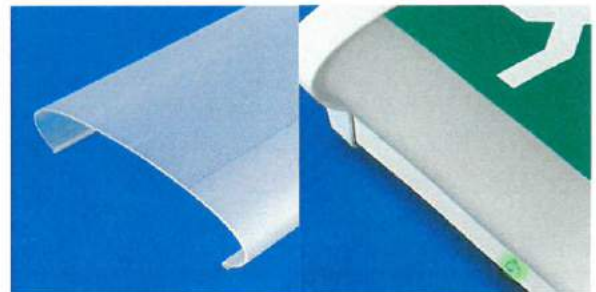


Lamps: Fluorescent lamps in 8W.



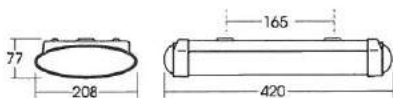
Lili EM
1x8W Emergency

Lili
2x8W Standard



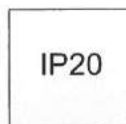
"Frosted" PMMA diffuser

Green led signal



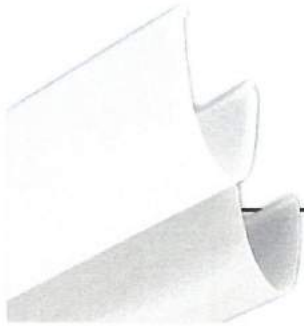
LILI-EM	Batt.	Autonomy
T5 1x8W	3x4Ah	3h.

LILI	
T5	1x8W
T5	2x8W

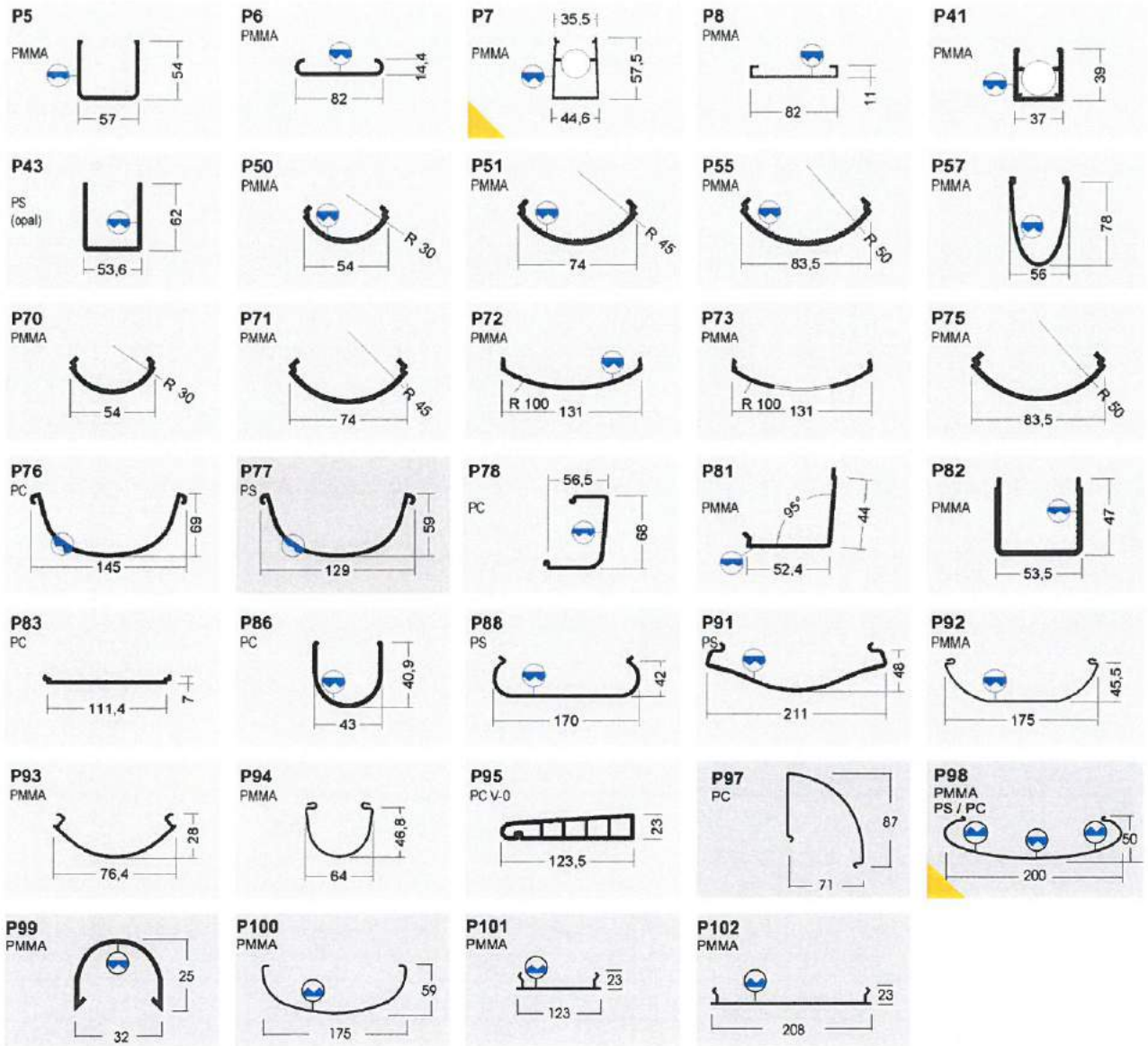


V17.01.2012





technical data Plastic Profiles



V25.01.2012

= Endcap available

Current listing is purely indicative and is intended to point out our technical abilities; not all types are currently available.

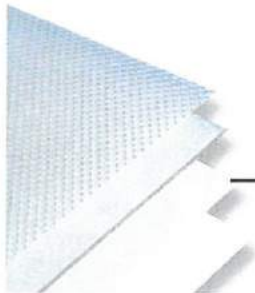
The indicated dimensions are indicative and can be altered by the manufacturer at any time.

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Fax + 32 11 83 22 22

website www.vlux.com
ISO 9001 certified company



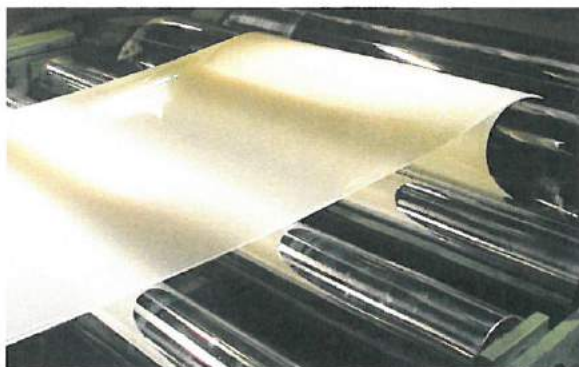


technical data **Plastic Sheets**

Our company offers extrudes quality sheets in :

- Polycarbonate (PC) U.V. stabilised.
- Polystyrene (PS). U.V. stabilised.

Available thickness from 1.7 to 3.0 mm.



V12 (PC-PS)



Opal (PS)

Material characteristics:

	clear	
	UV stab	opal
PS	◆	◆
PC	◆	

V09.12.2013

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