



- Ultra light, ultra compact
- High lighting efficiency
- Additional extreme ambient temperature range

E2

WebCode **6050C**



The 6050/6 universal spotlight is equipment used for lighting areas, work equipment and objects. It can be used indoors and outdoors. The clear lens is available in a matted version to limit the glare. Using an internal reflector, the universal spotlight can be adapted as a narrow beam, wide beam or a medium-wide beam to suit the lighting task.

	ATEX / IECEx					
Zone	0	1	2	20	21	22
Installation in		•	•		•	•

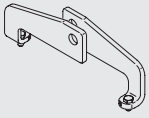
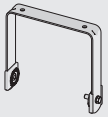

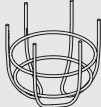
Selection Table							
Lamp wattage		20 W					
Version	Interfaces	Wire guard	Reflector	Protective glass version	Product Type	Art. No.	Weight kg
Pendant light fitting	–	No	No	clear	6050/604-202-6B2-000850-000	265418	6.750
	–	Yes	No	clear	6050/604-202-6B2-100850-000	265419	7.040
	–	No	No	frosted	6050/604-202-6B2-200850-000	267555	6.750
	–	Yes	No	frosted	6050/604-202-6B2-300850-000	267469	7.040
Lamp wattage		40 W					
Version	Interfaces	Wire guard	Reflector	Protective glass version	Product Type	Art. No.	Weight kg
Pendant light fitting	–	No	No	frosted	6050/604-400-6B2-200850-000	267466	6.750
	–	Yes	No	frosted	6050/604-400-6B2-300850-000	267470	7.040
Pendant light fitting with wall bracket	DALI	No	No	clear	6050/604-401-7B2-000850-001	272489	8.230
	DALI	No	Yes	clear	6050/604-401-7B2-008850-001	272491	8.230
	DALI	Yes	No	clear	6050/604-401-7B2-100850-001	272490	8.520
	DALI	Yes	Yes	clear	6050/604-401-7B2-108850-001	272492	8.520

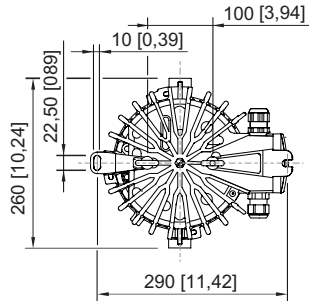
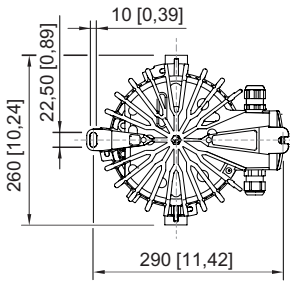
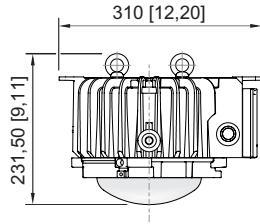
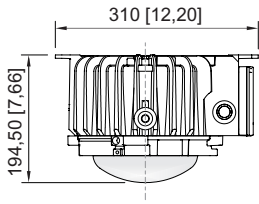
Lamp wattage		60 W					
Version	Interfaces	Wire guard	Reflector	Protective glass version	Product Type	Art. No.	Weight kg
Pendant light fitting	–	No	No	frosted	6050/604-600-6B2-200850-000	269440	6.860
Pendant light fitting with wall bracket	DALI	No	No	clear	6050/604-601-7B2-000850-001	272480	8.230
	DALI	No	Yes	clear	6050/604-601-7B2-008850-001	272482	8.230
	DALI	Yes	No	clear	6050/604-601-7B2-100850-001	272481	8.520
	DALI	Yes	Yes	clear	6050/604-601-7B2-108850-001	272483	8.520
Lamp wattage		80 W					
Version	Interfaces	Wire guard	Reflector	Protective glass version	Product Type	Art. No.	Weight kg
Pendant light fitting with ring eyes	DALI	No	No	clear	6050/604-801-7B2-000850-002	270017	6.860
	DALI	No	Yes	clear	6050/604-801-7B2-008850-002	270018	6.860
Pendant light fitting with wall bracket	DALI	No	No	clear	6050/604-801-7B2-000850-001	270015	8.230
	DALI	No	Yes	clear	6050/604-801-7B2-008850-001	270016	8.230
	DALI	Yes	No	clear	6050/604-801-7B2-100850-001	270019	8.520
	DALI	Yes	Yes	clear	6050/604-801-7B2-108850-001	270020	8.520

Technical Data

Variant	20 W	40 W	60 W	80 W
Explosion Protection				
Ambient temperature °C	-40 ... +60 °C	-40 ... +70 °C	-40 ... +70 °C	-40 ... +70 °C
Gas explosion protection IECEx	Ex db eb op is IIC T4 Gb	Ex db eb op is IIC T4 Gb	Ex db eb op is IIC T4 Gb	Ex db eb op is IIC T4 Gb
Gas explosion protection ATEX	Ⓔ II 2 G Ex db eb op is IIC T4 Gb	Ⓔ II 2 G Ex db eb op is IIC T4 Gb	Ⓔ II 2 G Ex db eb op is IIC T4 Gb	Ⓔ II 2 G Ex db eb op is IIC T4 Gb
Dust explosion protection IECEx	Ex tb op is IIIC T110 °C Db	Ex tb op is IIIC T110 °C Db	Ex tb op is IIIC T110 °C Db	Ex tb op is IIIC T110 °C Db
Dust explosion protection ATEX	Ⓔ II 2 D Ex tb op is IIIC T110 °C Db	Ⓔ II 2 D Ex tb op is IIIC T110 °C Db	Ⓔ II 2 D Ex tb op is IIIC T110 °C Db	Ⓔ II 2 D Ex tb op is IIIC T110 °C Db
Certificates	ATEX (BVIS), EAC (Sertium), IECEx (BVIS), India (PESO)	ATEX (BVIS), EAC (Sertium), IECEx (BVIS), India (PESO)	ATEX (BVIS), EAC (Sertium), IECEx (BVIS), India (PESO)	ATEX (BVIS), EAC (Sertium), IECEx (BVIS), India (PESO)
Electrical Data				
Rated operational voltage AC	220 – 240 V	220 – 240 V	220 – 240 V	220 – 240 V
Nominal current	0.07 – 0.07 A	0.2 – 0.2 A	0.28 – 0.28 A	0.36 – 0.36 A
Frequency range	50 – 60 Hz	50 – 60 Hz	50 – 60 Hz	50 – 60 Hz
Lighting Data				
Lamp	LED	LED	LED	LED
Light colour	Neutral white	Neutral white	Neutral white	Neutral white
Colour rendering	≥ 80	≥ 80	≥ 80	≥ 80
Colour temperature	5000 K	5000 K	5000 K	5000 K
Mechanical Data				
Degree of protection (IP)	IP66 / IP68 (10 m)	IP66 / IP68 (10 m)	IP66 / IP68 (10 m)	IP66 / IP68 (10 m)
Enclosure material	Aluminium, Seawater-resistant	Aluminium, Seawater-resistant	Aluminium, Seawater-resistant	Aluminium, Seawater-resistant
Sealing material	Silicone	Silicone	Silicone	Silicone
Connection terminals solid max.	6 mm ²	6 mm ²	6 mm ²	6 mm ²
Connection terminals finely-stranded max.	4 mm ²	4 mm ²	4 mm ²	4 mm ²

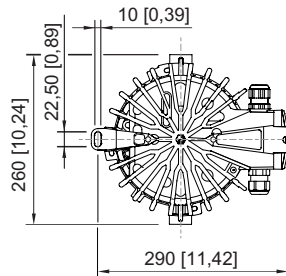
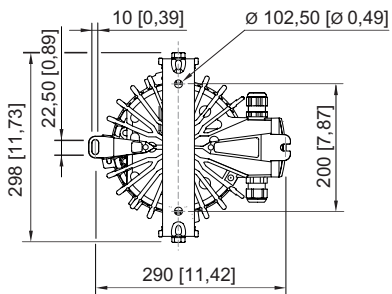
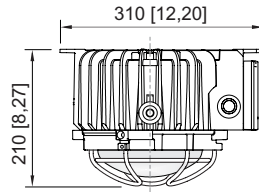
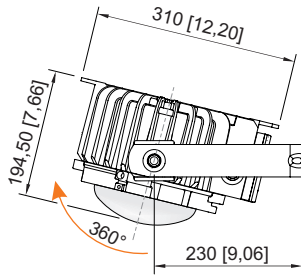
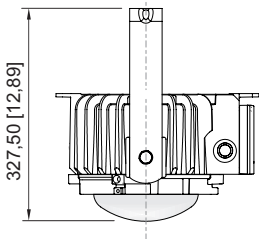
Technical Data				
Variant	20 W	40 W	60 W	80 W
Mechanical Data				
Type of connection cable	Finely stranded Solid finely-stranded with clip	Finely stranded Solid finely-stranded with clip	Finely stranded Solid finely-stranded with clip	Solid Finely stranded finely-stranded with clip
Design size	1	1	1	1
Components				
Screw connections	1 x M25 x 1.5	1 x M25 x 1.5	1 x M25 x 1.5	1 x M25 x 1.5
Stopping plug	1 x M25 x 1.5	1 x M25 x 1.5	1 x M25 x 1.5	1 x M25 x 1.5
Wire guard	No	No	No	No

Accessories				
Figure	Description	Art. No.	Weight kg	
	The stainless steel mounting fixture is fastened to the enclosure of the pendant light fitting series 6050/6 by means of two stainless steel screws M8.	269716	0.350	
Mounting bracket				
	Complete; stainless steel (for additional mounting) for 6050/6	265877	1.480	
Ring bolt				
	M8, für 6050/6, direct mounting; 1 pair	265874	0.400	
Wire guard				
	Complete with mounting parts Material: steel wire, stainless steel for 6050/6	221774	0.450	



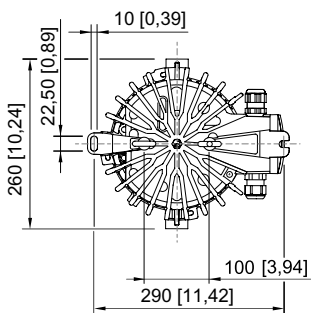
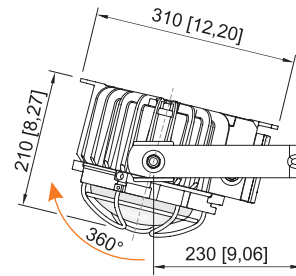
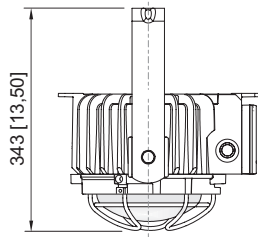
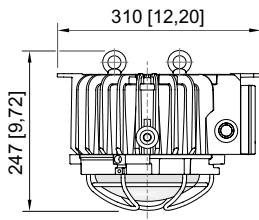
Standard

With ring eyes

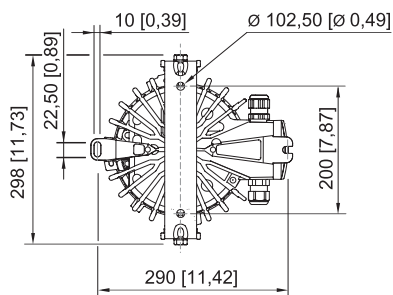


With mounting bracket

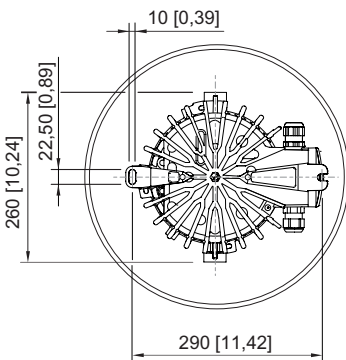
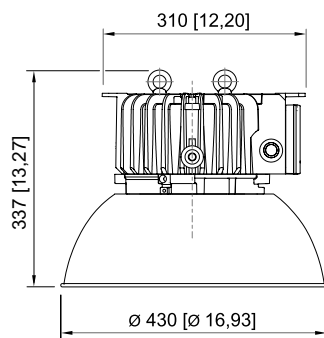
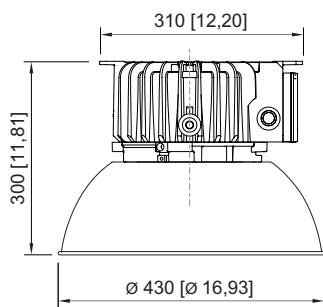
With wire guard



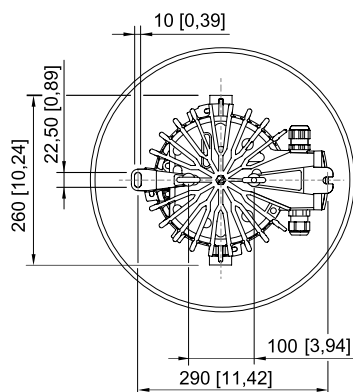
With wire guard and ring eyes



With wire guard and mounting bracket

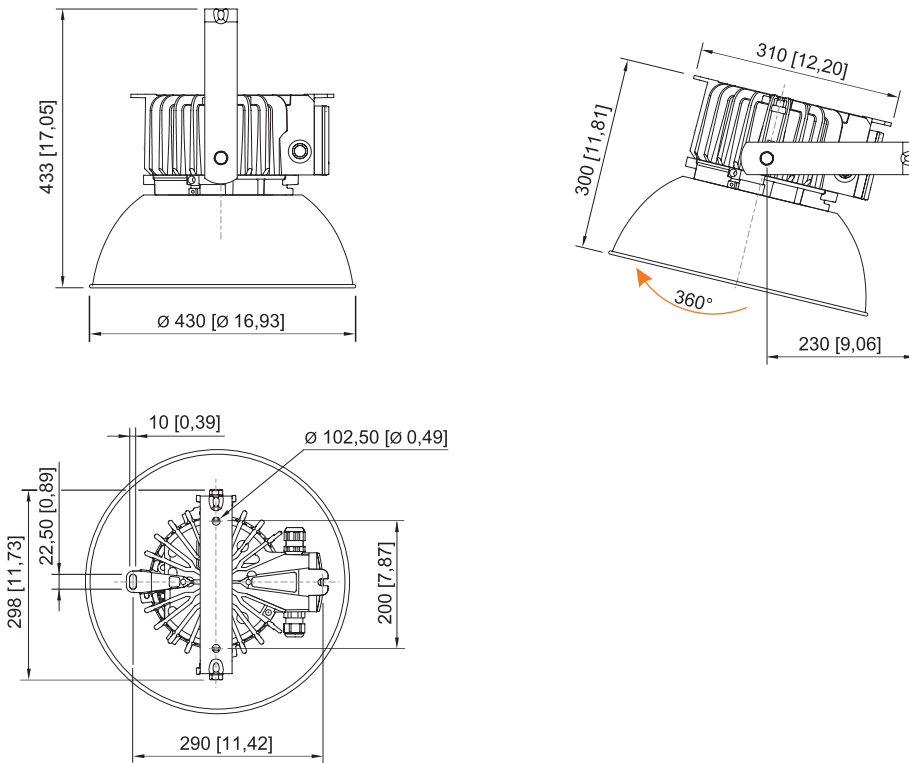


With antiglare device



With antiglare device and ring eyes

E2



With antiglare device and mounting bracket

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