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## SURFACE CIRCULAR

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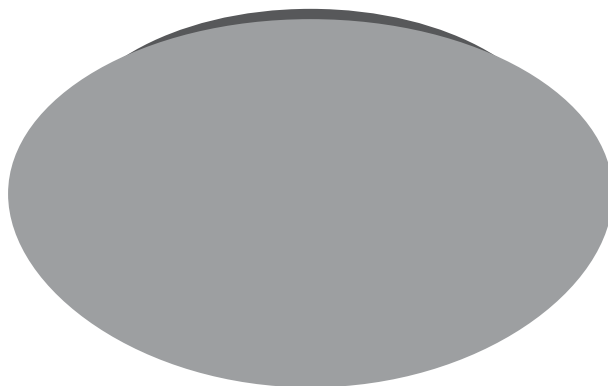
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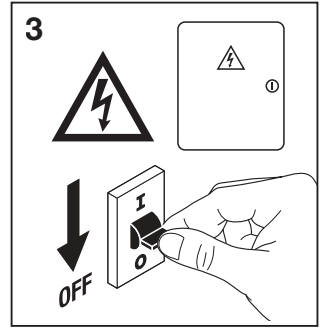
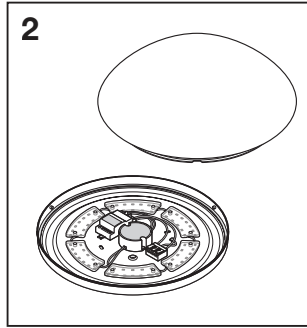
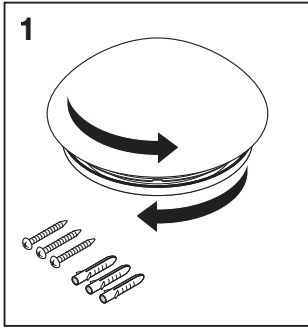
## SURFACE CIRCULAR SENSOR

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|                                | EAN           | Ø x h [mm] | W  | V <sub>AC</sub> | Hz    | lm   | lm/W | K    |
|--------------------------------|---------------|------------|----|-----------------|-------|------|------|------|
| SF CIRC 250 V 13W 830 IP44     | 4058075617865 | 250x91     | 13 | 220-240         | 50/60 | 920  | 70   | 3000 |
| SF CIRC 250 V 13W 840 IP44     | 4058075617889 | 250x91     | 13 | 220-240         | 50/60 | 960  | 75   | 4000 |
| SF CIRC 250 SEN V 13W 830 IP44 | 4058075617902 | 250x91     | 13 | 220-240         | 50/60 | 920  | 70   | 3000 |
| SF CIRC 250 SEN V 13W 840 IP44 | 4058075617926 | 250x91     | 13 | 220-240         | 50/60 | 960  | 75   | 4000 |
| SF CIRC 350 V 18W 830 IP44     | 4058075617940 | 350x115    | 18 | 220-240         | 50/60 | 1440 | 80   | 3000 |
| SF CIRC 350 V 18W 840 IP44     | 4058075617964 | 350x115    | 18 | 220-240         | 50/60 | 1440 | 80   | 4000 |
| SF CIRC 350 SEN V 18W 830 IP44 | 4058075617988 | 350x115    | 18 | 220-240         | 50/60 | 1440 | 80   | 3000 |
| SF CIRC 350 SEN V 18W 840 IP44 | 4058075618008 | 350x115    | 18 | 220-240         | 50/60 | 1440 | 80   | 4000 |
| SF CIRC 400 V 24W 830 IP44     | 4058075618022 | 400x120    | 24 | 220-240         | 50/60 | 1920 | 80   | 3000 |
| SF CIRC 400 V 24W 840 IP44     | 4058075618046 | 400x120    | 24 | 220-240         | 50/60 | 1920 | 80   | 4000 |
| SF CIRC 400 SEN V 24W 830 IP44 | 4058075618084 | 400x120    | 24 | 220-240         | 50/60 | 1920 | 80   | 3000 |
| SF CIRC 400 SEN V 24W 840 IP44 | 4058075618121 | 400x120    | 24 | 220-240         | 50/60 | 1920 | 80   | 4000 |

|                                | EAN           | IP | IK | ∠    | R <sub>a</sub> | ΔT (°C)   | PF    | 👤      |
|--------------------------------|---------------|----|----|------|----------------|-----------|-------|--------|
| SF CIRC 250 V 13W 830 IP44     | 4058075617865 | 44 | 03 | 120° | > 80           | -20...+40 | > 0.5 | 0.3 kg |
| SF CIRC 250 V 13W 840 IP44     | 4058075617889 | 44 | 03 | 120° | > 80           | -20...+40 | > 0.5 | 0.3 kg |
| SF CIRC 250 SEN V 13W 830 IP44 | 4058075617902 | 44 | 03 | 120° | > 80           | -20...+40 | > 0.5 | 0.3 kg |
| SF CIRC 250 SEN V 13W 840 IP44 | 4058075617926 | 44 | 03 | 120° | > 80           | -20...+40 | > 0.5 | 0.3 kg |
| SF CIRC 350 V 18W 830 IP44     | 4058075617940 | 44 | 03 | 120° | > 80           | -20...+40 | > 0.5 | 0.5 kg |
| SF CIRC 350 V 18W 840 IP44     | 4058075617964 | 44 | 03 | 120° | > 80           | -20...+40 | > 0.5 | 0.5 kg |
| SF CIRC 350 SEN V 18W 830 IP44 | 4058075617988 | 44 | 03 | 120° | > 80           | -20...+40 | > 0.5 | 0.5 kg |
| SF CIRC 350 SEN V 18W 840 IP44 | 4058075618008 | 44 | 03 | 120° | > 80           | -20...+40 | > 0.5 | 0.5 kg |
| SF CIRC 400 V 24W 830 IP44     | 4058075618022 | 44 | 03 | 120° | > 80           | -20...+40 | > 0.5 | 0.6 kg |
| SF CIRC 400 V 24W 840 IP44     | 4058075618046 | 44 | 03 | 120° | > 80           | -20...+40 | > 0.5 | 0.6 kg |
| SF CIRC 400 SEN V 24W 830 IP44 | 4058075618084 | 44 | 03 | 120° | > 80           | -20...+40 | > 0.5 | 0.6 kg |
| SF CIRC 400 SEN V 24W 840 IP44 | 4058075618121 | 44 | 03 | 120° | > 80           | -20...+40 | > 0.5 | 0.6 kg |



### IP44

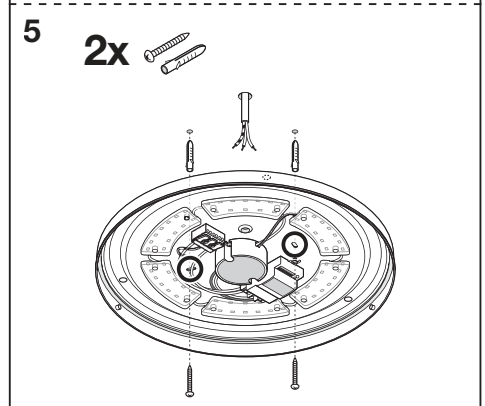
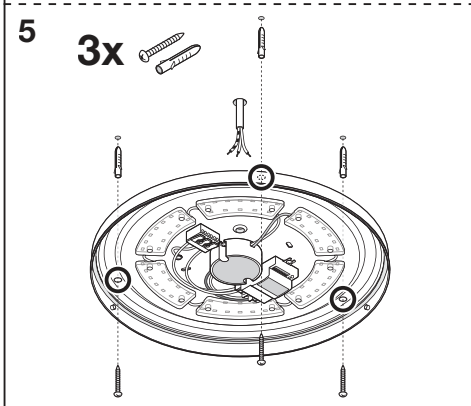
4

| [mm]                 | d   |
|----------------------|-----|
| SURFACE CIRCULAR 250 | 157 |
| SURFACE CIRCULAR 350 | 223 |
| SURFACE CIRCULAR 400 | 266 |

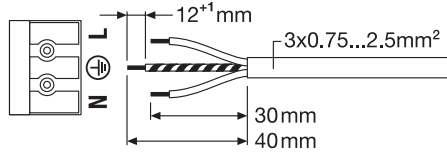
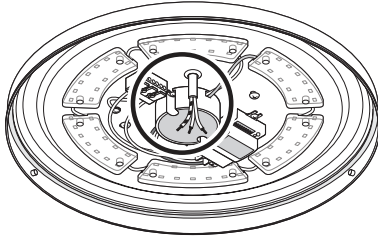
### IP20

4

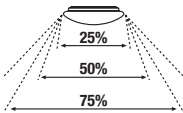
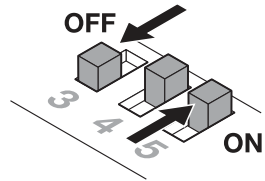
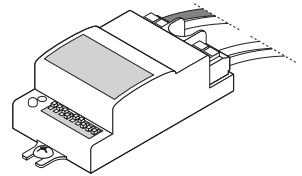
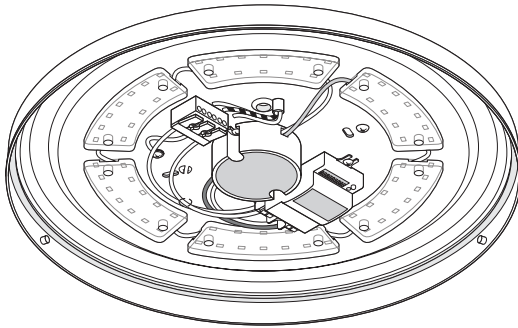
| [mm]                 | s   |
|----------------------|-----|
| SURFACE CIRCULAR 250 | 110 |
| SURFACE CIRCULAR 350 | 95  |
| SURFACE CIRCULAR 400 | 130 |



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7: SURFACE CIRCULAR SENSOR



Detection Area

| 1  | 2  | 3  |       |
|----|----|----|-------|
| ON | ON | ON | 100 % |
| -  | ON | ON | 75 %  |
| ON | -  | ON | 50 %  |
| -  | -  | ON | 25 %  |
| -  | -  | -  | 10 %  |



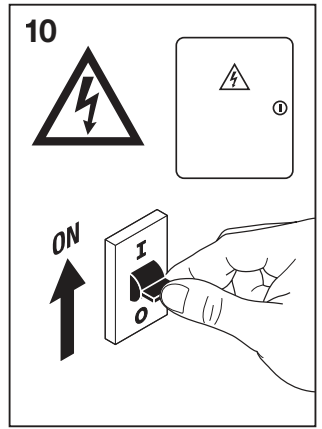
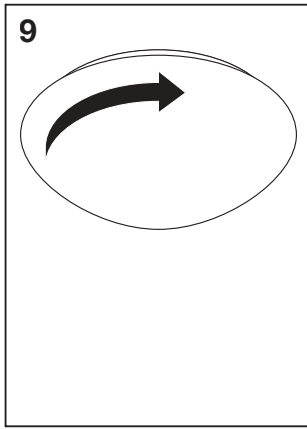
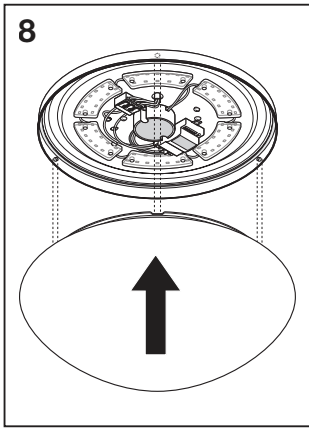
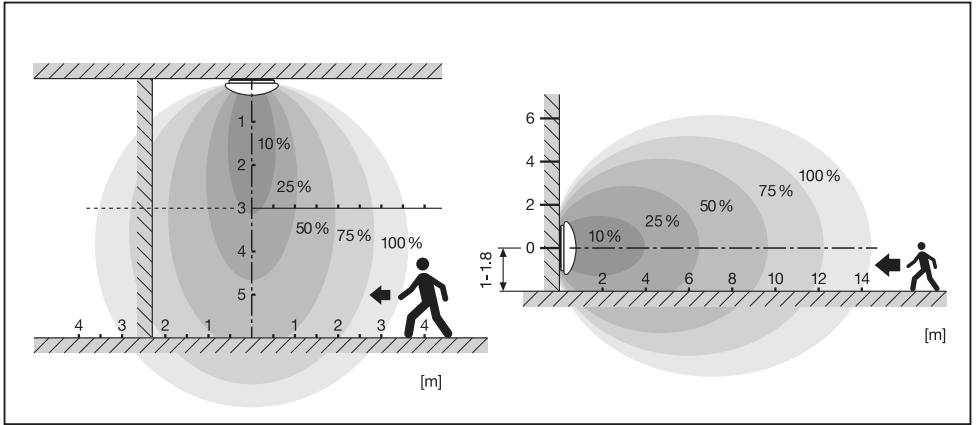
Hold Time


| 4  | 5  | 6  |        |
|----|----|----|--------|
| ON | ON | ON | 5 s    |
| -  | ON | ON | 30 s   |
| ON | -  | ON | 90 s   |
| -  | -  | ON | 3 min  |
| ON | ON | -  | 20 min |
| -  | -  | -  | 30 min |






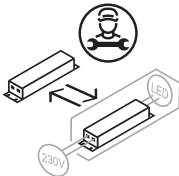

Daylight Sensor

| 7  | 8  | 9  |         |
|----|----|----|---------|
| ON | ON | ON | 2 LUX   |
| ON | ON | -  | 10 LUX  |
| -  | ON | -  | 25 LUX  |
| ON | -  | -  | 50 LUX  |
| -  | -  | -  | Disable |




|  | EAN           | Ø x h [mm] |
|--|---------------|------------|
| SF CIRCULAR 250 COVER  | 4058075156722 | 250x80     |
| SF CIRCULAR 350 COVER  | 4058075156807 | 350x104    |
| SF CIRCULAR 400 COVER  | 4058075156821 | 400x112    |

















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