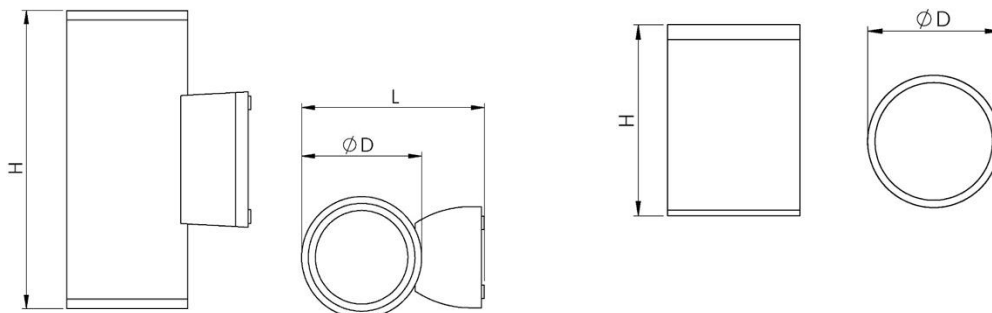


## SPECIFICATION

|                              |                                                                                                      |
|------------------------------|------------------------------------------------------------------------------------------------------|
| Distribution                 | Direct (up or down)   Direct/indirect                                                                |
| Colour Temperature CCT       | 3000K   4000K                                                                                        |
| Optic/Beam                   | Reflector 36°<br>Lens 15°<br>Reflector 60°   90° *ceiling only                                       |
| Output                       | 9.5W - 12.5W                                                                                         |
| Finish                       | Grey RAL7043                                                                                         |
| Efficacy                     | Up to 100 lm/W                                                                                       |
| CRI                          | 80+                                                                                                  |
| SDCM                         | 5                                                                                                    |
| Controls                     | Fixed output                                                                                         |
| Installation                 | Wall   Ceiling/Surface-mounted                                                                       |
| Connection                   | Wall. Screw terminal, 3x1x1.5 mm <sup>2</sup><br>Ceiling/surface. Cable, 0.15m, 3x1.0mm <sup>2</sup> |
| Dimensions – Dir & Dir/Ind   | Ø90-108 x H 130-260 mm                                                                               |
| Dimensions – Ceiling/Surface | Ø90-145 x H 113-180 mm                                                                               |
| Material                     | Aluminium/tempered glass                                                                             |
| Ingress Protection           | IP65                                                                                                 |
| Impact Rating                | IK08                                                                                                 |
| Operating Voltage            | 220-240V 50/60Hz                                                                                     |
| Lifetime                     | 50000/L80B10                                                                                         |
| Operating Temperature        | -24°C ~40°C                                                                                          |
| Conformity                   | UKCA, CE, RoHS, IEC:I                                                                                |
| Weight                       | 0.8-1.2kg                                                                                            |
| Warranty                     | 5 Years                                                                                              |



## DIMENSIONS



ORDER CODE

TUBE-D-3-30-1-G

| PREFIX | DISTRIBUTION                 | CCT               | OPTIC/BEAM                 | OUTPUT               | FINISH                   |
|--------|------------------------------|-------------------|----------------------------|----------------------|--------------------------|
| TUBE-  | <b>D</b><br>Direct           | <b>3</b><br>3000K | <b>15</b><br>15° reflector | <b>1</b><br>Low      | <b>G</b><br>Grey RAL7043 |
|        | <b>DI</b><br>Direct/indirect | <b>4</b><br>4000K | <b>36</b><br>36° lens      | <b>2</b><br>Standard |                          |

ORDER CODE

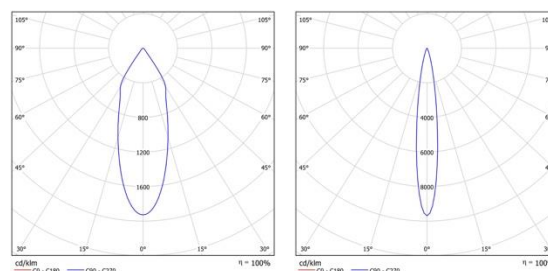
TUBE-SUR-3-60-1-G

| PREFIX | DISTRIBUTION                  | CCT               | OPTIC/BEAM                 | OUTPUT               | FINISH                   |
|--------|-------------------------------|-------------------|----------------------------|----------------------|--------------------------|
| TUBE-  | <b>SUR</b><br>Ceiling/surface | <b>3</b><br>3000K | <b>60</b><br>60° reflector | <b>1</b><br>Low      | <b>G</b><br>Grey RAL7043 |
|        |                               | <b>4</b><br>4000K | <b>90</b><br>90° reflector | <b>2</b><br>Standard |                          |



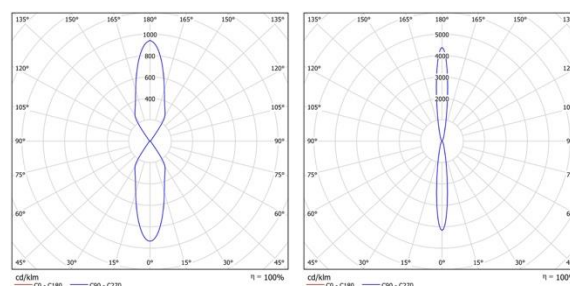
STANDARD – DIR – 3000K – 4000K

| TYPE | CCT   | OPTIC/BEAM    | POWER | DIMENSIONS | LUMENS (lm) | ORDER CODE      |
|------|-------|---------------|-------|------------|-------------|-----------------|
| TUBE | 3000K | 36° Reflector | 8.5W  | Ø90x220mm  | 653lm       | TUBE-D-3-36-1-G |
| TUBE | 3000K | 36° Reflector | 12.5W | Ø108x260mm | 1000lm      | TUBE-D-3-36-2-G |
| TUBE | 4000K | 36° Reflector | 8.5W  | Ø90x220mm  | 680lm       | TUBE-D-4-36-1-G |
| TUBE | 4000K | 36° Reflector | 12.5W | Ø108x260mm | 1064lm      | TUBE-D-4-36-2-G |
| TUBE | 3000K | 15° Lens      | 6.5W  | Ø90x130mm  | 624lm       | TUBE-D-3-15-1-G |
| TUBE | 3000K | 15° Lens      | 8.5W  | Ø108x160mm | 760lm       | TUBE-D-3-15-2-G |
| TUBE | 4000K | 15° Lens      | 6.5W  | Ø90x130mm  | 650lm       | TUBE-D-4-15-1-G |
| TUBE | 4000K | 15° Lens      | 8.5W  | Ø108x160mm | 791lm       | TUBE-D-4-15-2-G |



STANDARD – DIR/IND – 3000K – 4000K

| TYPE | CCT   | OPTIC/BEAM        | POWER | DIMENSIONS | LUMENS (lm) | ORDER CODE       |
|------|-------|-------------------|-------|------------|-------------|------------------|
| TUBE | 3000K | 2 X 36° Reflector | 12.5W | Ø90x220mm  | 1200lm      | TUBE-DI-3-36-1-G |
| TUBE | 3000K | 2 X 36° Reflector | 27W   | Ø108x260mm | 2080lm      | TUBE-DI-3-36-2-G |
| TUBE | 4000K | 2 X 36° Reflector | 12.5W | Ø90x220mm  | 1250lm      | TUBE-DI-4-36-1-G |
| TUBE | 4000K | 2 X 36° Reflector | 27W   | Ø108x260mm | 2160lm      | TUBE-DI-4-36-2-G |
| TUBE | 3000K | 2 X 15° Lens      | 12.5W | Ø90x130mm  | 1236lm      | TUBE-DI-3-15-1-G |
| TUBE | 3000K | 2 X 15° Lens      | 27W   | Ø108x160mm | 1430lm      | TUBE-DI-3-15-2-G |
| TUBE | 4000K | 2 X 15° Lens      | 12.5W | Ø90x130mm  | 1288lm      | TUBE-DI-4-15-1-G |
| TUBE | 4000K | 2 X 15° Lens      | 27W   | Ø108x160mm | 1490lm      | TUBE-DI-4-15-2-G |



STANDARD – CEILING/SURFACE – 3000K – 4000K

| TYPE | CCT   | OPTIC/BEAM    | POWER | DIMENSIONS | LUMENS (lm) | ORDER CODE        |
|------|-------|---------------|-------|------------|-------------|-------------------|
| TUBE | 3000K | 60° Reflector | 6.5W  | Ø90x113mm  | 500lm       | TUBE-SUR-3-60-1-G |
| TUBE | 3000K | 60° Reflector | 12.5W | Ø90x180mm  | 1080lm      | TUBE-SUR-3-60-2-G |
| TUBE | 3000K | 60° Reflector | 8.5W  | Ø108x150mm | 653lm       | TUBE-SUR-3-60-1-G |
| TUBE | 3000K | 60° Reflector | 12.5W | Ø145x120mm | 1056lm      | TUBE-SUR-3-90-2-G |
| TUBE | 4000K | 90° Reflector | 6.5W  | Ø90x113mm  | 520lm       | TUBE-SUR-4-60-1-G |
| TUBE | 4000K | 90° Reflector | 12.5W | Ø90x180mm  | 1136lm      | TUBE-SUR-4-60-2-G |
| TUBE | 4000K | 90° Reflector | 8.5W  | Ø108x150mm | 680lm       | TUBE-SUR-4-60-1-G |
| TUBE | 4000K | 90° Reflector | 12.5W | Ø145x120mm | 1100lm      | TUBE-SUR-4-90-2-G |

