

Concord
by **SYLVANIA** Group



Solstice

Sustainability and high
visual comfort hand in hand

Digital | Lighting | Solutions



Introducing Solstice

Solstice is the newest addition to the Concord Downlights family, which witnessed a complete re-launch of its Downlights portfolio in less than a year. Our Concord products have always been a symbol of comfort, elegant design, and premium light quality, and Solstice is no exception to this rule. Creating beautifully lit spaces is core to the Concord DNA - "Beauty of Light."

Solstice is a comprehensive Downlights family, specially developed for the architectural specification market. The range is a one stop option for architects and lighting designers who are looking for a minimalistic, environmentally friendly, yet distinguishable design across one shared design platform.





High efficiency and energy saving



Solstice has been developed around a bespoke reflector system which achieves class leading performance – of 141lm/W at ambient temperature of 40°C. The product family uses the latest high-efficiency LED chips, which guarantee superior quality, reliability, and energy saving, coupled with long lifetime.

High visual comfort



Due to the deep and floating reflector design, Solstice has low glare light of $UGR < 19$ for lumens lower than 2400lm with wide light distribution and beam angle of approximately 70 degrees. Solstice provides comfortable light with luminance level at 65 degrees below 300 cd/m^2 for lumens $< 2400 \text{ lm}$ and below 1000 cd/m^2 for lumens $< 6050 \text{ lm}$.

Environmentally friendly design



The Solstice product family has an eco-friendly design, made with high-quality aluminium materials, which can be recycled almost 100% at the end of the product's lifecycle. Solstice is manufactured in Newhaven, the UK, which ensures that the product remains close to our customers in Europe.

Solstice is easy to disassemble for any future upgrade or change of parts. The product consists of separate reflector, heatsink and bezel components with snap fit design and no added glue.







Variety of choices and customisation



Ranging in body sizes from 150mm to 250mm cut out and from 1200lm to high performing 6000lm, the Solstice family offers specifiers a broad range of lighting tools from one shared platform. The range comes in black and white heat sink colours and four reflector colours. The product family has round and square recessed options with more mounting choices to follow soon.

Smart lighting control options



All versions of Solstice can be controlled with either DALI or SylSmart drivers, ensuring significant energy savings, increasing productivity, and improving occupants' well-being. The SylSmart enabled versions can be controlled with an easy-to-use mobile app or desktop software.

More natural light – no blue peak

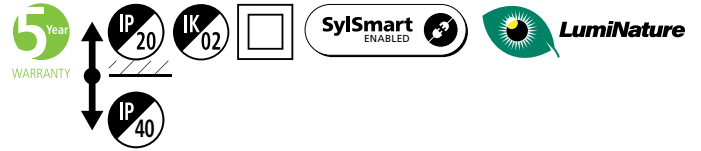


LumiNature enabled with Human Centric Lighting, Tunable White and CR197 3000K/4000K versions are available in both 150mm and 200mm. LumiNature lighting delivers a complete and balanced spectral distribution with all colours of light more evenly represented while eliminating the blue peak.









Product information

| Code | Description | Cut out | Fixture Power (W) | Fixture lumen (lm) | Luminaire efficacy lm/W | UGR | Colour Temperature (K) | CRI | Dimmable | Control Technology |
|---|-------------------------------------|---------|-------------------|--------------------|-------------------------|-----|------------------------|-----|----------|--------------------|
| Silver reflector + white bezel finish (RAL9016) | | | | | | | | | | |
| 2070131 | Solstice 150 1200lm 930 DALI | 150 | 10 | 1,200 | 120 | <19 | 3000 | >90 | Yes | DALI |
| 2070132 | Solstice 150 1300lm 940 DALI | 150 | 10 | 1,300 | 130 | <19 | 4000 | >90 | Yes | DALI |
| 2070133 | Solstice 150 1900lm 930 DALI | 150 | 15 | 1,900 | 127 | <19 | 3000 | >90 | Yes | DALI |
| 2070134 | Solstice 150 2000lm 940 DALI | 150 | 15 | 2,000 | 133 | <19 | 4000 | >90 | Yes | DALI |
| 2070139 | Solstice 150 1900lm 930 SSC | 150 | 15 | 1,900 | 127 | <19 | 3000 | >90 | Yes | SSC |
| 2070140 | Solstice 150 2000lm 940 SSC | 150 | 15 | 2,000 | 133 | <19 | 4000 | >90 | Yes | SSC |
| 2070146 | Solstice 200 2300lm 930 DALI | 200 | 17 | 2,300 | 135 | <19 | 3000 | >90 | Yes | DALI |
| 2070149 | Solstice 200 2400lm 940 DALI | 200 | 17 | 2,400 | 141 | <19 | 4000 | >90 | Yes | DALI |
| 2070150 | Solstice 200 4200lm 930 DALI | 200 | 31 | 4,200 | 135 | <21 | 3000 | >90 | Yes | DALI |
| 2070151 | Solstice 200 4300lm 940 DALI | 200 | 31 | 4,300 | 139 | <21 | 4000 | >90 | Yes | DALI |
| 2070156 | Solstice 200 2300lm 930 SSC | 200 | 17 | 2,300 | 135 | <19 | 3000 | >90 | Yes | SSC |
| 2070157 | Solstice 200 2400lm 940 SSC | 200 | 17 | 2,400 | 141 | <19 | 4000 | >90 | Yes | SSC |
| 2070158 | Solstice 200 2300lm 930 SSA | 200 | 17 | 2,300 | 135 | <19 | 3000 | >90 | Yes | SSA |
| 2070159 | Solstice 200 2400lm 940 SSA | 200 | 17 | 2,400 | 141 | <19 | 4000 | >90 | Yes | SSA |
| 2070165 | Solstice 200 5900lm 930 DALI | 200 | 46 | 5,900 | 128 | <23 | 3000 | >90 | Yes | DALI |
| 2070166 | Solstice 200 6050lm 940 DALI | 200 | 46 | 6,050 | 132 | <23 | 4000 | >90 | Yes | DALI |
| 2070221 | Solstice 250 2300lm 930 DALI | 250 | 17 | 2,300 | 135 | <19 | 3000 | >90 | Yes | DALI |
| 2070222 | Solstice 250 2400lm 940 DALI | 250 | 17 | 2,400 | 141 | <19 | 4000 | >90 | Yes | DALI |
| 2070295 | Solstice 250 2300lm 930 SSA | 250 | 17 | 2,300 | 135 | <19 | 3000 | >90 | Yes | SSA |
| 2070296 | Solstice 250 2400lm 940 SSA | 250 | 17 | 2,400 | 141 | <19 | 4000 | >90 | Yes | SSA |
| Silver reflector + white bezel finish (RAL9016) LUMI | | | | | | | | | | |
| 2070141 | Solstice 150 1450lm LUMI 930 DALI | 150 | 17 | 1,450 | 85 | <19 | 3000 | >97 | Yes | DALI |
| 2070142 | Solstice 150 1550lm LUMI 940 DALI | 150 | 17 | 1,550 | 91 | <19 | 4000 | >97 | Yes | DALI |
| 2070143 | Solstice 150 1450lm LUMI 930 SSC | 150 | 17 | 1,450 | 85 | <19 | 3000 | >97 | Yes | SSC |
| 2070144 | Solstice 150 1550lm LUMI 940 SSC | 150 | 17 | 1,550 | 91 | <19 | 4000 | >97 | Yes | SSC |
| 2070145 | Solstice 150 Lumi HCL TW SSC | 150 | 23 | 1,850 | 80 | <19 | 2700-6500 | >97 | Yes | SSC |
| 2070160 | Solstice 200 1800lm LUMI 930 DALI | 200 | 18 | 1,800 | 100 | <19 | 3000 | >97 | Yes | DALI |
| 2070161 | Solstice 200 1900lm LUMI 940 DALI | 200 | 18 | 1,900 | 106 | <19 | 4000 | >97 | Yes | DALI |
| 2070162 | Solstice 200 1800lm LUMI 930 SSC | 200 | 18 | 1,800 | 100 | <19 | 3000 | >97 | Yes | SSC |
| 2070163 | Solstice 200 1900lm LUMI 940 SSC | 200 | 18 | 1,900 | 106 | <19 | 4000 | >97 | Yes | SSC |
| 2070164 | Solstice 200 Lumi HCL TW SSC | 200 | 23 | 2,050 | 89 | <19 | 2700-6500 | >97 | Yes | SSC |
| Silver reflector + white bezel finish (RAL9016) Square | | | | | | | | | | |
| 2070167 | Solstice 200 2300lm 930 DALI Square | 200x200 | 17 | 2,300 | 135 | <19 | 3000 | >90 | Yes | DALI |
| 2070168 | Solstice 200 2400lm 940 DALI Square | 200x200 | 17 | 2,400 | 141 | <19 | 4000 | >90 | Yes | DALI |
| Black reflector + black bezel finish (RAL9004) | | | | | | | | | | |
| 2070135 | Solstice 150 1000lm 930 DALI BB | 150 | 15 | 1,000 | 67 | <19 | 3000 | >90 | Yes | DALI |
| 2070136 | Solstice 150 1050lm 940 DALI BB | 150 | 15 | 1,050 | 70 | <19 | 4000 | >90 | Yes | DALI |
| 2070390 | Solstice 150 1000lm 930 SSC BB | 150 | 15 | 1,000 | 67 | <19 | 3000 | >90 | Yes | SSC |
| 2070391 | Solstice 150 1050lm 940 SSC BB | 150 | 15 | 1,050 | 70 | <19 | 4000 | >90 | Yes | SSC |
| 2070152 | Solstice 200 1500lm 930 DALI BB | 200 | 17 | 1,500 | 88 | <19 | 3000 | >90 | Yes | DALI |
| 2070153 | Solstice 200 1600lm 940 DALI BB | 200 | 17 | 1,600 | 94 | <19 | 4000 | >90 | Yes | DALI |
| 2070392 | Solstice 200 1500lm 930 SSC BB | 200 | 17 | 1,500 | 88 | <19 | 3000 | >90 | Yes | SSC |
| 2070393 | Solstice 200 1600lm 940 SSC BB | 200 | 17 | 1,600 | 94 | <19 | 4000 | >90 | Yes | SSC |
| White reflector + white bezel finish (RAL9016) | | | | | | | | | | |
| 2070137 | Solstice 150 1800lm 930 DALI WW | 150 | 15 | 1,800 | 120 | <19 | 3000 | >90 | Yes | DALI |
| 2070138 | Solstice 150 1850lm 940 DALI WW | 150 | 15 | 1,850 | 123 | <19 | 4000 | >90 | Yes | DALI |
| 2070394 | Solstice 150 1800lm 930 SSC WW | 150 | 15 | 1,800 | 120 | <19 | 3000 | >90 | Yes | SSC |
| 2070395 | Solstice 150 1850lm 940 SSC WW | 150 | 15 | 1,850 | 123 | <19 | 4000 | >90 | Yes | SSC |
| 2070154 | Solstice 200 2300lm 930 DALI WW | 200 | 17 | 2,300 | 135 | <24 | 3000 | >90 | Yes | DALI |
| 2070155 | Solstice 200 2400lm 940 DALI WW | 200 | 17 | 2,400 | 141 | <24 | 4000 | >90 | Yes | DALI |
| 2070396 | Solstice 200 2300lm 930 SSC WW | 200 | 17 | 2,300 | 135 | <24 | 3000 | >90 | Yes | SSC |
| 2070397 | Solstice 200 2400lm 940 SSC WW | 200 | 17 | 2,400 | 141 | <24 | 4000 | >90 | Yes | SSC |

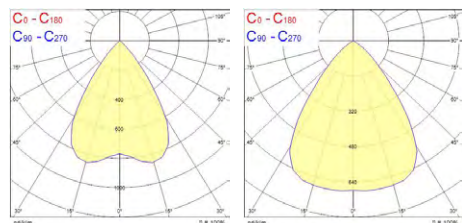
Product information

| Code | Description | Cut out | Fixture Power (W) | Fixture lumen (lm) | Luminaire efficacy lm/W | UGR | Colour Temperature (K) | CRI | Dimmable | Control Technology |
|--|---------------------------------|---------|-------------------|--------------------|-------------------------|-----|------------------------|-----|----------|--------------------|
| Golden reflector + black bezel finish (RAL9004) | | | | | | | | | | |
| 2070227 | Solstice 150 1250lm 930 DALI GB | 150 | 15 | 1,250 | 83 | <19 | 3000 | >90 | Yes | DALI |
| 2070228 | Solstice 150 1300lm 940 DALI GB | 150 | 15 | 1,300 | 87 | <19 | 4000 | >90 | Yes | DALI |
| 2070235 | Solstice 150 1250lm 930 SSC GB | 150 | 15 | 1,250 | 83 | <19 | 3000 | >90 | Yes | SSC |
| 2070236 | Solstice 150 1300lm 940 SSC GB | 150 | 15 | 1,300 | 87 | <19 | 4000 | >90 | Yes | SSC |
| 2070229 | Solstice 200 1700lm 930 DALI GB | 200 | 17 | 1,700 | 100 | <20 | 3000 | >90 | Yes | DALI |
| 2070230 | Solstice 200 1800lm 940 DALI GB | 200 | 17 | 1,800 | 106 | <20 | 4000 | >90 | Yes | DALI |
| 2070237 | Solstice 200 1700lm 930 SSC GB | 200 | 17 | 1,700 | 100 | <20 | 3000 | >90 | Yes | SSC |
| 2070238 | Solstice 200 1800lm 940 SSC GB | 200 | 17 | 1,800 | 106 | <20 | 4000 | >90 | Yes | SSC |
| Silver reflector + black bezel finish (RAL9004) | | | | | | | | | | |
| 2070231 | Solstice 150 1900lm 930 DALI SB | 150 | 15 | 1,900 | 127 | <19 | 3000 | >90 | Yes | DALI |
| 2070232 | Solstice 150 2000lm 940 DALI SB | 150 | 15 | 2,000 | 133 | <19 | 4000 | >90 | Yes | DALI |
| 2070239 | Solstice 150 1900lm 930 SSC SB | 150 | 15 | 1,900 | 127 | <19 | 3000 | >90 | Yes | SSC |
| 2070240 | Solstice 150 2000lm 940 SSC SB | 150 | 15 | 2,000 | 133 | <19 | 4000 | >90 | Yes | SSC |
| 2070233 | Solstice 200 2300lm 930 DALI SB | 200 | 17 | 2,300 | 135 | <19 | 3000 | >90 | Yes | DALI |
| 2070234 | Solstice 200 2400lm 940 DALI SB | 200 | 17 | 2,400 | 141 | <19 | 4000 | >90 | Yes | DALI |
| 2070241 | Solstice 200 2300lm 930 SSC SB | 200 | 17 | 2,300 | 135 | <19 | 3000 | >90 | Yes | SSC |
| 2070242 | Solstice 200 2400lm 940 SSC SB | 200 | 17 | 2,400 | 141 | <19 | 4000 | >90 | Yes | SSC |

Accessories

| Code | Description |
|---------|---|
| 0046600 | Emergency Pack Manual Testing 6V-55V |
| 0046601 | Emergency Pack Self Test/DALI monitoring 6V-55V |

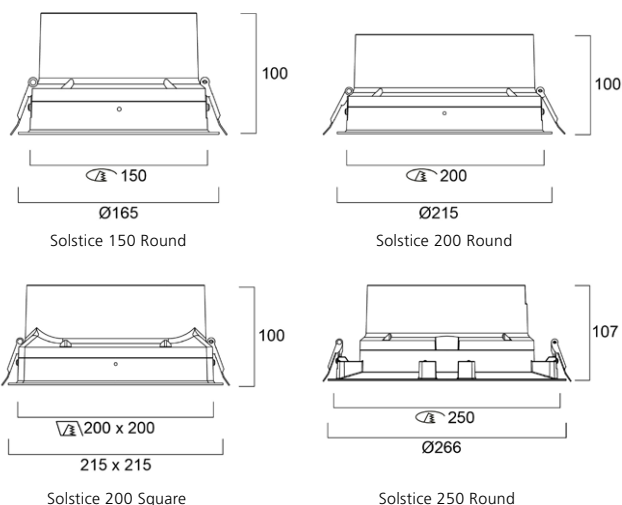
Photometric Data



Solstice 150

Solstice 200 & Solstice 250

Dimension (mm)



Product photos



Solstice 150mm with black reflector

Solstice 200mm with black reflector

Solstice 150mm with silver reflector

Solstice 200mm with silver reflector

Solstice 150mm with gold reflector

Solstice 200mm with gold reflector

Solstice 150mm with white reflector

Solstice 200mm with white reflector

Solstice 150mm with silver reflector

Solstice 200mm with silver reflector

Solstice 250mm DALI with silver reflector

Solstice 200mm square with silver reflector



Solstice Square

Although every effort has been made to ensure accuracy in the compilation of the technical detail within this publication, specifications and performance data are constantly changing. Current details should therefore be checked with Feilo Sylvania International Group Kft.

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Duna Tower, Népfürdő Street 22,
Building B, 3rd Floor
1138 Budapest, Hungary

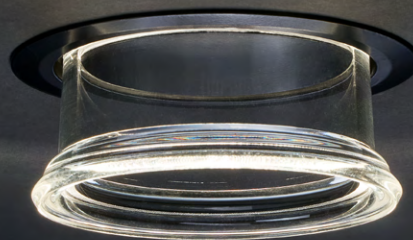
July 2023



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Discover the complete Concord Downlights family which includes Concord Equinox, an award-winning innovative downlight, which disrupts the current Downlights market with its unique design and perfect light quality, and Solstice, our newest Downlight, which provides high visual comfort and sustainable design.

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Concord Equinox