

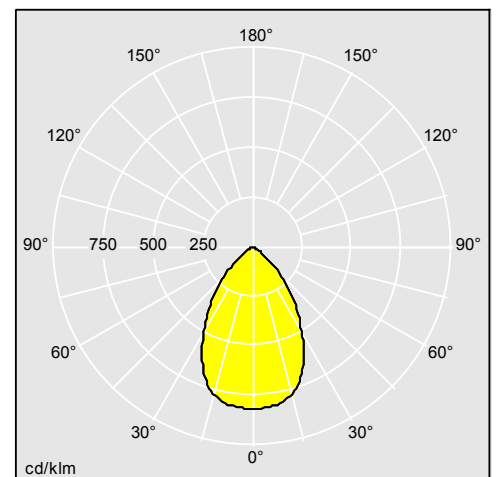
Chalice 3

A high efficient and sustainable LED downlight range in three sizes with up to 5000 lm

- Highest possible luminaire efficiency for the application with up to 155lm/W for reduced energy cost
- Complete with colour temperature 3000K, 4000K LED in CRI80 or CRI90. Available lumen packages between 800 and 5000 lm (depending on size)
- Three smooth reflector surfaces: RSB in satinbrite finish with wide beam, RMB in high glossy/specular finish for improved glare control UGR19 according to EN 12464), RWH in white finish with wide beam
- Tool free spring clip installation, out of the box for mounting in a wide range of ceiling types with ceiling thicknesses of 1-40mm. Remote pluggable driver makes installation quick and easy. Through-wiring possible
- IP54 as standard for recessed luminaires, IP65 available in myProduct. High ceiling (5000lm) luminaire in IP20, IP43 available in myProduct. Surface mounted IP43 as standard, IP54 available in myProduct



Photographs, line drawings and photometric data are representative only. For specific product detail please select an individual product.



96108665

Material/Finish

Body: diecast aluminium for high efficient thermal management with recycling content >90%

Smooth reflector in satinbrite finish with wide beam; reflector/trim high-quality, highly reflective polycarbonate

Smooth reflector in high glossy/specular finish for improved glare control in office applications (UGR19 according to EN 12464)

Smooth reflector in white finish with wide beam; reflector/trim high-quality, highly reflective polycarbonate

Trim similar to RAL 9016

Installation/Mounting

Chalice 3 can be installed tool free, directly out of the box into a wide range of ceiling types, suitable for 1-40mm ceiling thicknesses. Only 100mm overall recess depth to allow installation into low and restricted ceiling voids. Remote pluggable driver makes installation and maintenance quick and easy.

Specification

To specify state:

A high efficient and sustainable LED downlight with recessed height <100mm and cut out of 100mm, 150mm or 200mm.

High efficient thermal management from diecast aluminium with recycling content >90%. IP54 as standard or IP65 with

pre-mounted cover. IK09 rating. Fixed or dimmable driver (EHF, HFIX, COR, NLX) optional in combination with emergency E3/E3D. Colour temperature is 3000K/4000K/ with CRI >80 or CRI >90. Reflector made from PC with three surfaces: RSB in satinbrite finish with wide beam, RMB in high glossy/specular finish (UGR19 according to EN12464), RWH in white finish with wide beam. Luminaire luminous flux: 800–5000 lm. Lifetime is 50,000 hours at L90 (Ta 25°C).

As Thorn Chalice 3

Chalice 3

Ordering Guide

| Description | ILCOS Code | Socket | Wt (kg) | SAP Code |
|--|------------|--------|---------|----------|
| Chalice 3 100 | | | | |
| CHAL3 100 800-840 EHF RSB | LED | | 0,408 | 96108660 |
| CHAL3 100 1400-840 EHF RSB | LED | | 0,408 | 96108661 |
| CHAL3 100 800-830 EHF RSB | LED | | 0,408 | 92989189 |
| CHAL3 100 1400-830 EHF RSB | LED | | 0,408 | 92989190 |
| CHAL3 100 800-940 EHF RSB | LED | | 0,497 | 92989197 |
| CHAL3 100 1400-940 EHF RSB | LED | | 0,497 | 92989200 |
| CHAL3 100 1400-840 EHF RSB IP65 | LED | | 0,422 | 92992995 |
| Chalice 3 100 emergency | | | | |
| CHAL3 100 1400-830 EHF E3 RSB | LED | | 0,858 | 93900898 |
| CHAL3 100 800-830 EHF E3 RSB | LED | | 0,858 | 93900899 |
| CHAL3 100 1400-840 EHF E3 RSB | LED | | 0,858 | 93901031 |
| CHAL3 100 800-840 EHF E3D RSB | LED | | 0,858 | 93901334 |
| CHAL3 100 800-840 EHF E3 RSB | LED | | 0,858 | 93901335 |
| CHAL3 100 800-830 EHF E3D RSB | LED | | 0,858 | 93901343 |
| CHAL3 100 1400-830 EHF E3D RSB | LED | | 0,858 | 93901345 |
| CHAL3 100 1400-840 EHF E3D RSB | LED | | 0,858 | 93901355 |
| Chalice 3 100 dimmable | | | | |
| CHAL3 100 800-830 HFIX RSB | LED | | 0,414 | 92989192 |
| CHAL3 100 1400-830 HFIX RSB | LED | | 0,414 | 92989193 |
| CHAL3 100 1400-840 HFIX RSB | LED | | 0,414 | 92989194 |
| CHAL3 100 800-940 HFIX RSB | LED | | 0,503 | 92989201 |
| CHAL3 100 800-840 HFIX RSB | LED | | 0,414 | 92989239 |
| CHAL3 100 1400-940 HFIX RSB | LED | | 0,503 | 92989240 |
| Chalice 3 100 dimmable, emergency | | | | |
| CHAL3 100 1400-830 HFIX E3D RSB | LED | | 0,864 | 93900895 |
| CHAL3 100 1400-830 HFIX E3 RSB | LED | | 0,864 | 93900897 |
| CHAL3 100 800-830 HFIX E3 RSB | LED | | 0,864 | 93901017 |
| CHAL3 100 1400-840 HFIX E3 RSB | LED | | 0,864 | 93901018 |
| CHAL3 100 800-840 HFIX E3 RSB | LED | | 0,864 | 93901297 |
| CHAL3 100 800-840 HFIX E3D RSB | LED | | 0,864 | 93901299 |
| CHAL3 100 800-830 HFIX E3D RSB | LED | | 0,864 | 93901344 |
| CHAL3 100 1400-840 HFIX E3D RSB | LED | | 0,864 | 93901346 |
| Chalice 3 150 | | | | |
| CHAL3 150 1400-840 EHF RSB | LED | | 0,679 | 96108662 |
| CHAL3 150 2000-840 EHF RSB | LED | | 0,679 | 96108663 |
| CHAL3 150 3000-840 EHF RSB | LED | | 0,679 | 96108664 |
| CHAL3 150 2000-840 EHF RSB IP65 | LED | | 0,712 | 96108789 |
| CHAL3 150 1400-830 EHF RSB | LED | | 0,679 | 92989202 |
| CHAL3 150 2000-830 EHF RSB | LED | | 0,679 | 92989203 |
| CHAL3 150 3000-830 EHF RSB | LED | | 0,679 | 92989204 |
| CHAL3 150 1400-830 EHF RMB | LED | | 0,679 | 92989206 |
| CHAL3 150 2000-830 EHF RMB | LED | | 0,679 | 92989207 |
| CHAL3 150 3000-830 EHF RMB | LED | | 0,679 | 92989208 |

Chalice 3

| Description | ILCOS Code | Socket | Wt (kg) | SAP Code |
|----------------------------|------------|--------|---------|----------|
| CHAL3 150 1400-840 EHF RMB | LED | | 0,679 | 92989209 |
| CHAL3 150 2000-840 EHF RMB | LED | | 0,679 | 92989210 |
| CHAL3 150 3000-840 EHF RMB | LED | | 0,679 | 92989211 |
| CHAL3 150 1400-940 EHF RSB | LED | | 0,679 | 92989224 |
| CHAL3 150 2000-940 EHF RSB | LED | | 0,679 | 92989225 |
| CHAL3 150 3000-940 EHF RSB | LED | | 0,679 | 92989226 |
| CHAL3 150 1400-940 EHF RMB | LED | | 0,679 | 92989227 |
| CHAL3 150 2000-940 EHF RMB | LED | | 0,679 | 92989228 |
| CHAL3 150 3000-940 EHF RMB | LED | | 0,679 | 92989229 |

Chalice 3 150 emergency

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|--------------------------------|-----|--|-------|----------|
| CHAL3 150 2000-840 EHF E3 RSB | LED | | 1,129 | 93900863 |
| CHAL3 150 3000-840 EHF E3 RSB | LED | | 1,129 | 93901029 |
| CHAL3 150 1400-840 EHF E3 RSB | LED | | 1,129 | 93901030 |
| CHAL3 150 1400-830 EHF E3 RSB | LED | | 1,129 | 93901048 |
| CHAL3 150 2000-830 EHF E3 RSB | LED | | 1,129 | 93901049 |
| CHAL3 150 3000-830 EHF E3 RSB | LED | | 1,129 | 93901050 |
| CHAL3 150 1400-830 EHF E3 RMB | LED | | 1,129 | 93901051 |
| CHAL3 150 2000-830 EHF E3 RMB | LED | | 1,129 | 93901052 |
| CHAL3 150 3000-830 EHF E3 RMB | LED | | 1,129 | 93901193 |
| CHAL3 150 3000-830 EHF E3D RMB | LED | | 1,129 | 93901194 |
| CHAL3 150 1400-840 EHF E3D RMB | LED | | 1,129 | 93901195 |
| CHAL3 150 2000-840 EHF E3 RMB | LED | | 1,129 | 93901196 |
| CHAL3 150 1400-840 EHF E3 RMB | LED | | 1,129 | 93901197 |
| CHAL3 150 2000-840 EHF E3D RMB | LED | | 1,129 | 93901198 |
| CHAL3 150 3000-840 EHF E3D RMB | LED | | 1,129 | 93901199 |
| CHAL3 150 3000-840 EHF E3 RMB | LED | | 1,129 | 93901200 |
| CHAL3 150 1400-830 EHF E3D RSB | LED | | 1,129 | 93901350 |
| CHAL3 150 1400-830 EHF E3D RMB | LED | | 1,129 | 93901352 |
| CHAL3 150 2000-830 EHF E3D RMB | LED | | 1,129 | 93901354 |
| CHAL3 150 2000-840 EHF E3D RSB | LED | | 1,129 | 93901357 |
| CHAL3 150 3000-840 EHF E3D RSB | LED | | 1,129 | 93901358 |

Chalice 3 150 dimmable

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|-----------------------------|-----|--|-------|----------|
| CHAL3 150 1400-830 HFIX RSB | LED | | 0,685 | 92989212 |
| CHAL3 150 2000-830 HFIX RSB | LED | | 0,685 | 92989213 |
| CHAL3 150 3000-830 HFIX RSB | LED | | 0,685 | 92989214 |
| CHAL3 150 1400-840 HFIX RSB | LED | | 0,685 | 92989215 |
| CHAL3 150 2000-840 HFIX RSB | LED | | 0,685 | 92989216 |
| CHAL3 150 3000-840 HFIX RSB | LED | | 0,685 | 92989217 |
| CHAL3 150 1400-830 HFIX RMB | LED | | 0,685 | 92989218 |
| CHAL3 150 2000-830 HFIX RMB | LED | | 0,685 | 92989219 |
| CHAL3 150 3000-830 HFIX RMB | LED | | 0,685 | 92989220 |
| CHAL3 150 1400-840 HFIX RMB | LED | | 0,685 | 92989221 |
| CHAL3 150 2000-840 HFIX RMB | LED | | 0,685 | 92989222 |
| CHAL3 150 3000-840 HFIX RMB | LED | | 0,685 | 92989223 |
| CHAL3 150 1400-940 HFIX RSB | LED | | 0,685 | 92989230 |
| CHAL3 150 2000-940 HFIX RSB | LED | | 0,685 | 92989231 |

Chalice 3

| Description | ILCOS Code | Socket | Wt (kg) | SAP Code |
|--|------------|--------|---------|----------|
| CHAL3 150 3000-940 HFIX RSB | LED | | 0,685 | 92989232 |
| CHAL3 150 1400-940 HFIX RMB | LED | | 0,685 | 92989233 |
| CHAL3 150 2000-940 HFIX RMB | LED | | 0,685 | 92989234 |
| CHAL3 150 3000-940 HFIX RMB | LED | | 0,685 | 92989243 |
| Chalice 3 150 dimmable, emergency | | | | |
| CHAL3 150 1400-830 HFIX E3 RSB | LED | | 1,135 | 93901245 |
| CHAL3 150 1400-830 HFIX E3D RSB | LED | | 1,135 | 93901246 |
| CHAL3 150 2000-830 HFIX E3D RSB | LED | | 1,135 | 93901247 |
| CHAL3 150 2000-830 HFIX E3 RSB | LED | | 1,135 | 93901248 |
| CHAL3 150 3000-830 HFIX E3D RSB | LED | | 1,135 | 93901249 |
| CHAL3 150 1400-840 HFIX E3D RSB | LED | | 1,135 | 93901250 |
| CHAL3 150 3000-830 HFIX E3 RSB | LED | | 1,135 | 93901251 |
| CHAL3 150 1400-840 HFIX E3 RSB | LED | | 1,135 | 93901252 |
| CHAL3 150 3000-840 HFIX E3D RSB | LED | | 1,135 | 93901253 |
| CHAL3 150 2000-840 HFIX E3 RSB | LED | | 1,135 | 93901254 |
| CHAL3 150 2000-840 HFIX E3D RSB | LED | | 1,135 | 93901255 |
| CHAL3 150 3000-840 HFIX E3 RSB | LED | | 1,135 | 93901257 |
| CHAL3 150 1400-830 HFIX E3D RMB | LED | | 1,135 | 93901258 |
| CHAL3 150 2000-830 HFIX E3 RMB | LED | | 1,135 | 93901259 |
| CHAL3 150 2000-830 HFIX E3D RMB | LED | | 1,135 | 93901260 |
| CHAL3 150 3000-830 HFIX E3 RMB | LED | | 1,135 | 93901261 |
| CHAL3 150 3000-830 HFIX E3D RMB | LED | | 1,135 | 93901262 |
| CHAL3 150 1400-840 HFIX E3D RMB | LED | | 1,135 | 93901263 |
| CHAL3 150 1400-840 HFIX E3 RMB | LED | | 1,135 | 93901264 |
| CHAL3 150 2000-840 HFIX E3 RMB | LED | | 1,135 | 93901265 |
| CHAL3 150 2000-840 HFIX E3D RMB | LED | | 1,135 | 93901266 |
| CHAL3 150 3000-840 HFIX E3D RMB | LED | | 1,135 | 93901267 |
| CHAL3 150 3000-840 HFIX E3 RMB | LED | | 1,135 | 93901268 |
| Chalice 3 200 | | | | |
| CHAL3 200 1400-840 EHF RSB | LED | | 0,935 | 96108665 |
| CHAL3 200 2000-840 EHF RSB | LED | | 0,935 | 96108666 |
| CHAL3 200 5000-840 EHF FL RSB | LED | | 1,392 | 96108668 |
| CHAL3 200 3000-840 EHF RSB | LED | | 0,935 | 96108667 |
| CHAL3 200 1400-830 EHF RSB | LED | | 0,935 | 92989244 |
| CHAL3 200 2000-830 EHF RSB | LED | | 0,935 | 92989245 |
| CHAL3 200 3000-830 EHF RSB | LED | | 0,935 | 92989246 |
| CHAL3 200 1400-940 EHF RSB | LED | | 0,935 | 92989250 |
| CHAL3 200 2000-940 EHF RSB | LED | | 0,935 | 92989251 |
| CHAL3 200 3000-940 EHF RSB | LED | | 0,935 | 92989252 |
| CHAL3 200 5000-830 EHF WFL RSB | LED | | 1,392 | 92989421 |
| CHAL3 200 5000-840 EHF WFL RSB | LED | | 1,392 | 92989422 |
| CHAL3 200 5000-830 EHF FL RSB | LED | | 1,392 | 92989426 |
| CHAL3 200 2000-840 EHF RSB IP65 | LED | | 0,995 | 92992726 |
| Chalice 3 200 emergency | | | | |
| CHAL3 200 3000-840 EHF E3 RSB | LED | | 1,385 | 93900862 |
| CHAL3 200 1400-840 EHF E3 RSB | LED | | 1,385 | 93900864 |

Chalice 3

| Description | ILCOS Code | Socket | Wt (kg) | SAP Code |
|--------------------------------|------------|--------|---------|----------|
| CHAL3 200 2000-840 EHF E3 RSB | LED | | 1,385 | 93900865 |
| CHAL3 200 1400-830 EHF E3D RSB | LED | | 1,385 | 93901303 |
| CHAL3 200 1400-830 EHF E3 RSB | LED | | 1,385 | 93901304 |
| CHAL3 200 2000-830 EHF E3D RSB | LED | | 1,385 | 93901305 |
| CHAL3 200 2000-830 EHF E3 RSB | LED | | 1,385 | 93901306 |
| CHAL3 200 3000-830 EHF E3 RSB | LED | | 1,385 | 93901309 |
| CHAL3 200 3000-830 EHF E3D RSB | LED | | 1,385 | 93901310 |
| CHAL3 200 1400-840 EHF E3D RSB | LED | | 1,385 | 93901362 |
| CHAL3 200 2000-840 EHF E3D RSB | LED | | 1,385 | 93901363 |
| CHAL3 200 3000-840 EHF E3D RSB | LED | | 1,385 | 93901364 |

Chalice 3 200 dimmable

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|---------------------------------|-----|--|-------|----------|
| CHAL3 200 1400-840 HFIX RSB | LED | | 0,941 | 92989236 |
| CHAL3 200 2000-840 HFIX RSB | LED | | 0,941 | 92989237 |
| CHAL3 200 3000-840 HFIX RSB | LED | | 0,941 | 92989238 |
| CHAL3 200 1400-830 HFIX RSB | LED | | 0,941 | 92989247 |
| CHAL3 200 2000-830 HFIX RSB | LED | | 0,941 | 92989248 |
| CHAL3 200 3000-830 HFIX RSB | LED | | 0,941 | 92989249 |
| CHAL3 200 1400-940 HFIX RSB | LED | | 0,941 | 92989253 |
| CHAL3 200 2000-940 HFIX RSB | LED | | 0,941 | 92989254 |
| CHAL3 200 3000-940 HFIX RSB | LED | | 0,941 | 92989255 |
| CHAL3 200 5000-830 HFIX FL RSB | LED | | 1,414 | 92989423 |
| CHAL3 200 5000-840 HFIX FL RSB | LED | | 1,414 | 92989424 |
| CHAL3 200 5000-830 HFIX WFL RSB | LED | | 1,414 | 92989425 |
| CHAL3 200 5000-840 HFIX WFL RSB | LED | | 1,414 | 92989427 |

Chalice 3 200 dimmable, emergency

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|---------------------------------|-----|--|-------|----------|
| CHAL3 200 2000-840 HFIX E3 RSB | LED | | 1,391 | 93900866 |
| CHAL3 200 1400-840 HFIX E3 RSB | LED | | 1,391 | 93901293 |
| CHAL3 200 1400-840 HFIX E3D RSB | LED | | 1,391 | 93901294 |
| CHAL3 200 2000-840 HFIX E3D RSB | LED | | 1,391 | 93901295 |
| CHAL3 200 3000-840 HFIX E3 RSB | LED | | 1,391 | 93901296 |
| CHAL3 200 3000-840 HFIX E3D RSB | LED | | 1,391 | 93901298 |
| CHAL3 200 1400-830 HFIX E3D RSB | LED | | 1,391 | 93901311 |
| CHAL3 200 1400-830 HFIX E3 RSB | LED | | 1,391 | 93901312 |
| CHAL3 200 2000-830 HFIX E3 RSB | LED | | 1,391 | 93901313 |
| CHAL3 200 2000-830 HFIX E3D RSB | LED | | 1,391 | 93901314 |
| CHAL3 200 3000-830 HFIX E3 RSB | LED | | 1,391 | 93901315 |
| CHAL3 200 3000-830 HFIX E3D RSB | LED | | 1,391 | 93901316 |

Chalice 3 125 surface mounted

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|-------------------------------|-----|--|-------|----------|
| CHAL3 MSF125 800-840 EHF RSB | LED | | 1,185 | 96108672 |
| CHAL3 MSF125 1400-840 EHF RSB | LED | | 1,185 | 96108673 |

Chalice 3 180 surface mounted

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|-------------------------------|-----|--|------|----------|
| CHAL3 MSF180 1400-840 EHF RSB | LED | | 2,67 | 96108669 |
| CHAL3 MSF180 2000-840 EHF RSB | LED | | 2,67 | 96108670 |
| CHAL3 MSF180 3000-840 EHF RSB | LED | | 2,67 | 96108671 |

Chalice 3, accessories

Chalice 3

| Description | ILCOS Code | Socket | Wt (kg) | SAP Code |
|--|------------|--------|---------|----------|
| CHALICE/CETUS3 200 CEILING RING 250MM WH | | | 0,56 | 96633598 |
| CHALICE 200 CEILING RING 230-240 WH | | | 0,48 | 96633599 |
| CHALICE 200 CEILING RING 210-220 WH | | | 0,44 | 96633600 |
| CHALICE 150 CEILING RING 160-170 WH | | | 0,41 | 96633601 |
| CHALICE 150 CEILING RING 180-190 WH | | | 0,48 | 96633602 |
| DL CONNECTION BOX 3P TERM+LINECT | | | 0,07 | 96635252 |
| DL CONNECTION BOX 5P TERM+LINECT | | | 0,07 | 96635253 |
| T CONNECTOR WO 3POLE | | | 0,04 | 96635254 |
| T CONNECTOR WO 5POLE | | | 0,04 | 96635255 |
| T CONNECTOR WL 3POLE | | | 0,04 | 96635256 |
| T CONNECTOR WL 5POLE | | | 0,04 | 96635257 |
| TECTON/CONTUS/SLN2/SLOIN/EQL ASI1 O-L | | | 0,07 | 22169178 |
| TECTON/CONTUS/SLN2/SLOIN/EQL ASI2 O-L | | | 0,8 | 22169179 |
| CHAL3 100 CEILING RING 110-120 WH | | | 0,087 | 96108712 |
| CHAL3 100 CEILING RING 130-140 WH | | | 0,101 | 96108713 |