

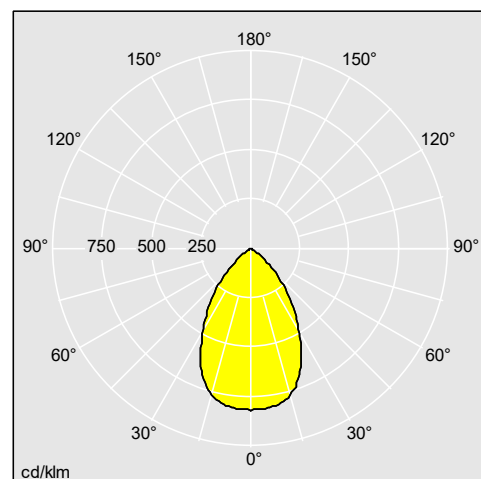
Chalice 3

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

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

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

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

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

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

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
TEC/CONT/SLN2/SLOIN/EQL/CHAL3 ASI1 O-L			0,07	22169178
TEC/CONT/SLN2/SLOIN/EQL/CHAL3 ASI2 O-L			0,8	22169179
CHAL3 200 FROSTED RING			0,12	96108711
CHAL3 100 CEILING RING 110-120 WH			0,087	96108712
CHAL3 100 CEILING RING 130-140 WH			0,101	96108713
GRIPPLE SAFETY WIRE			0,01	96239327