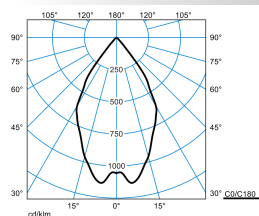


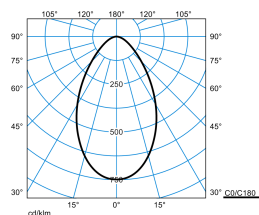
Product features and key data

Applications	sales rooms foyers corridors conference rooms Hotels and restaurants residential areas
Luminaire type	Compact LED downlight with round construction.
Light sources	Configured with one LED spot module.
Mounting method	Recessed
Luminaire optic	Reflector of anodised aluminium, faceted.
Light distribution curve	Wide reduced glare UGR19 (W19)
Light Engine	standard product
Colour temperature	3000 K
Rated luminous flux	1700 lm
Connected load	16,00 W
Luminous efficacy	106 lm/W
Rated service life	L80 (25 °C) = 70.000 h
Colour rendering index	80
Colour tolerance	3 SDCM
Photobiological class	Group 0 - no risk
Luminaire colour	RAL9006 White aluminium
Luminaire body	Luminaire body of die-cast aluminium.
Electrical version	With electronic transformer, digitally dimmable (DALI).
DALI-2-Standard EN 62386	Yes
Connection method	Plug-in terminal
Touch-Dim-capable	Yes
Number of DALI addresses	1
Dimming range	1 - 100 %
Mains voltage	220 - 240 V
Mains frequency	50/60 Hz
Total harmonic distortion < %	14 %
IFS label	Yes
Ingress Protection (IP) rating	IP20
Protection rating on room side	IP20
Protection class	II
Impact resistance (IK)	IK06
Hot wire resistance	650 °C
Ambient temperature	-20 - 25 °C
Max. Luminaires B10	15
Max. Luminaires B16	24
Max. Luminaires C10	24
Max. Luminaires C16	40
Net height	103 mm
Outside diameter	150 mm
Recess depth	100 mm

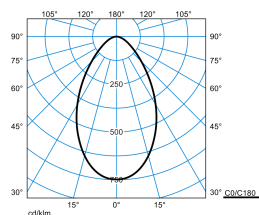
Weight	1,3 kg
Recessing diameter	140 mm

light distribution curve

InperlaLP C05 BR19 1800-830 ETDD 03

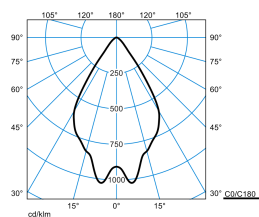
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 UGR q = 18,6
 DIN 5040: A70
 UTE: 1.00 A
 DLOR: 100 %
 ULOR: 0 %
 CEN Flux Code: 96 100 100 100 100


InperlaLP C05 BR19 1800-830 03 + DA-M 01

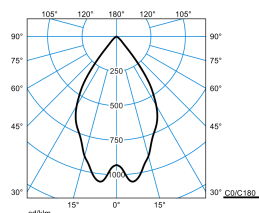
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 DIN 5040: A50
 UTE: 1.00 B
 DLOR: 100 %
 ULOR: 0 %
 CEN Flux Code: 71 91 98 100 100


InperlaLP C05 BR19 1800-830 03 + DA-M 03

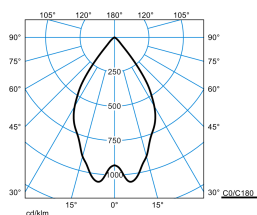
UGR I = 24,6
 UGR q = 24,6
 DIN 5040: A50
 UTE: 1.00 B
 DLOR: 100 %
 ULOR: 0 %
 CEN Flux Code: 71 91 98 100 100


InperlaLP C05 BR19 1800-830 03 + RD-PC

UGR I = 17,9
 UGR q = 17,9
 DIN 5040: A70
 UTE: 1.00 A
 DLOR: 100 %
 ULOR: 0 %
 CEN Flux Code: 88 97 99 100 100
















InperlaLP C05 BR19 1800-830 03 + DA 01

UGR I = 19,0
 UGR q = 19,0
 DIN 5040: A70
 UTE: 1.00 A
 DLOR: 100 %
 ULOR: 0 %
 CEN Flux Code: 93 99 100 100 100


InperlaLP C05 BR19 1800-830 03 + DA 03

UGR I = 19,0
UGR q = 19,0
DIN 5040: A70
UTE: 1.00 A
DLOR: 100 %
ULOR: 0 %
CEN Flux Code: 93 99 100 100 100

Available accessories

Material	Description
 InperlaL C05 DA 01 6019500	Decorative accessories for Inperla Ligra LED, circular recessed downlight Ø 150mm. With white decorative ring.
 InperlaL C05 DA 03 6019600	Decorative accessories for Inperla Ligra LED, circular recessed downlight Ø 150mm. With silver-grey decorative ring.
 InperlaL C05 DA-M 01 6019700	Decorative accessories for Inperla Ligra LED, circular recessed downlight Ø 150mm. With white decorative ring.
 InperlaL C05 DA-M 03 6019800	Decorative accessories for Inperla Ligra LED, circular recessed downlight Ø 150mm. With silver-grey decorative ring.
 InperlaL C05 RD-PC 6019900	Decorative accessories for Inperla Ligra LED, circular recessed downlight Ø 150mm.
 InperlaL C05 RG-PC 6020000	Decorative accessories for Inperla Ligra LED, circular recessed downlight Ø 150mm.
 InperlaL C05 ZN-PC 6020100	Decorative accessories for Inperla Ligra LED, circular recessed downlight Ø 150mm.
 InperlaL C05 BE 6067700	Concrete casting box for downlight installation including control gear box in concrete ceilings.
 InperlaL C05 SP 160 6067900	Refurbishment plate for covering existing ceiling cut-outs in retrofit applications. Colour white. For ceiling cut-outs Ø 150 - 160 mm.
 InperlaL C05 SP 220 6068000	Refurbishment plate for covering existing ceiling cut-outs in retrofit applications. Colour white. For ceiling cut-outs Ø 170 - 220 mm.
 InperlaL C05 SP 260 6068100	Refurbishment plate for covering existing ceiling cut-outs in retrofit applications. Colour white. For ceiling cut-outs Ø 230 - 260 mm.
 InperlaL C05 MP 300 6060000	Recessing cassette for panel ceilings, module 100.
 InperlaL C05 MP 625 6060200	Of sheet steel, sendzimir galvanised.
 InperlaL C05 MP 600 6060400	Of sheet steel, sendzimir galvanised.

Offer text

Compact LED downlight with round construction. Suitable for use in HACCP, IFS and/or BRC Global Standard Food certified companies. Recessed downlight for cut-out ceiling openings. Installation in cast concrete ceilings via accessories. Tool-free ceiling installation via rapid-mounting springs. Optically and technically matched refurbishment plates for ceiling apertures with larger ceiling cut-out dimensions are available as accessories in various versions. Cut-out opening Ø 140 mm, Recess depth 100 mm. IP54 protection rating on room side in combination with closed decorative cover. Reflector of anodised aluminium, faceted. With symmetric limited wide light distribution. Glare evaluation according to UGR rating (EN 12464-1) < 19. VDU workstation-compliant in accordance with 12464-1 Luminaire luminous flux and light color fixed. Configured with one LED spot module. Luminaire luminous flux 1700 lm, connected load 16 W, maximum luminous

efficiency of luminaire 106 lm/W. Light colour warm white, correlated colour temperature (CCT) 3000 K, general colour rendering index (CRI) $R_a > 80$. Colour locus tolerance (initial MacAdam) ≤ 3 SDCM. Mean rated service life L80 (t_q 25 °C) = 70,000 h. The light source is replaceable according to the ecodesign requirements (VO (EU) 2019/2020). Luminaire body of die-cast aluminium. Surface coated silver-grey (similar to RAL 9006). External dimensions of ceiling ring Ø 150 mm, luminaire height 103 mm. Luminaire body and heat sink form a compact unit. Safety class (EN 61140): II, protection rating (DIN EN 60529): IP20, impact resistance level in accordance with IEC 62262: IK06, testing temperature of wire glow test in accordance with IEC 60695-2-11: 650 °C. Permissible ambient temperature (t_a): -20 °C to 25 °C. Weight: 1,3 kg. With electronic transformer, digitally dimmable (DALI). Control gear unit according to DALI-2 standard (EN 62386). Luminaire is switchable and dimmable by means of touch functionality via DALI control terminals (Touch DIM). The control gear unit is replaceable in accordance with the ecodesign requirements (VO (EU) 2019/2020). With 5-pole terminal to 2.5 mm² for mains connection and further wiring. Digitally dimmable (DALI). The luminaire complies with the fundamental requirements of applicable EU regulations and product safety legislation and bears the CE symbol. The luminaire is also ENEC-certified by an independent testing authority. Luminaire available for 10 years, spare parts (LED module, control gear unit, optical system) for 15 years from date of invoice, subject to reasonable modifications in the interests of progress.

Disassembly instructions (PDF) for the product available at: <https://www.trilux.com/EcoDesign>

EPREL - European Product Registry for Energy Labelling

Energy Efficiency Class	Model identifier
D	929001587906