

INO 700 circle

suspended

034-344253XH



Project / Type

Notes

Count / Date



General

Ceiling , Suspended

special colours

IP20

indirect 1660 lm

direct 1670 lm

total 3330 lm

LED

3000 K

CRI ≥ 90

L90 / 50000 h

initial MacAdam ≤ 3 SDCM

R_g: 99 , R_f: 91 , R₍₁₋₁₅₎: 89

MR 0.61

MDER 0.55

Optical

High Performance Opal

opal (lambertsch)

PstLM ≤ 1.0 ¹

SVM ≤ 0.4 ¹

Ring-shaped light fitting in rolled and seamlessly welded extruded aluminium profile; surface special colours powder coated; suspended luminaire with 2000mm cable suspension (canopy central); height adjustment without tools; incl. transparent feed; electronic operating unit installed in the canopy; light colour 3000 K; binning initial MacAdam ≤ 3 SDCM; CRI ≥ 90; min. 90% of luminous flux after 50000 operating hours; energy efficient LEDs with high CRI; HPO (High Performance Opal) cover for uniform illumination; inwards facing emission characteristics; direct/indirect light emission for additional accentuation of the ceiling; canopy with 2 cable openings and plug-in terminal for through wiring; degree of protection IP20; PC1; internal wiring in light halogen free; incl. DALI-2 converter; light source replaceable by an authorized professional; control gear replaceable by an authorized professional;

Electrical

DALI-2

220-240 V

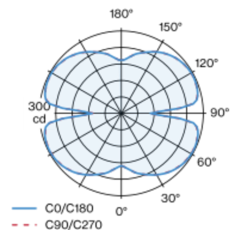
system 31 W

system 107 lm/W²

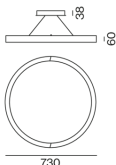
PC1

1 DALI Addr.

Light distribution



Product drawing



Physical

cable 2000 mm

diameter 730 mm

height 60 mm

3.4 kg

¹ Value of containing product at full load (undimmed)
² incl. consideration of optical losses, internal control unit losses & operating device efficiency

Installation instructions



Lighting calculator



INO 700 circle

suspended

034-344253XH



Project / Type

Notes

Count / Date

Maintenance Factors

Operating Time [h]	10 000	20 000	30 000	40 000	50 000
LLMF	0.98	0.96	0.94	0.92	0.9
LSF	1	1	1	1	1
MF	LMF × RSMF × LLMF × LSF		RSMF ^a	Room Surface Maintenance Factor	
MF	Maintenance Factor		LLMF	Lamp Lumens Maintenance Factor	
LMF ^a	Luminaire Maintenance Factor		LSF	Lamp Survival Factor	

^a According to "CIE 97, Maintenance of indoor electric lighting systems", 2005, ISBN 3-900-734-34-8. The values must be determined by the planner.

Circuit Breaker Types

Automatic Circuit Breaker Type	Number of Fixtures
B10	9
B13	13
B16	15
B20	18
C10	18
C13	26
C16	30
C20	36

Acoustic accessories

INO 700 circle acoustic luminaire mounted

COLOUR	Ø (MM)	ARTICLE NUMBER(S)
marble grey	648	034-370211D
felt grey	648	034-370211G
black	648	034-370211L
white	648	034-370211W
acoustic special colours	648	034-370211X

