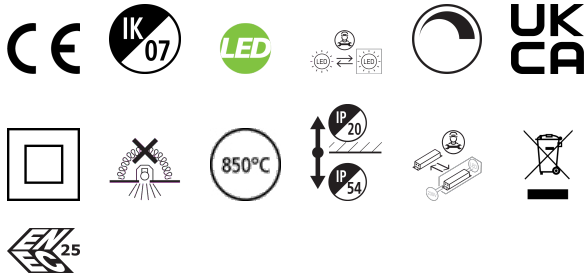


START Downlight 175 IP54 1600Lm 840 DALI

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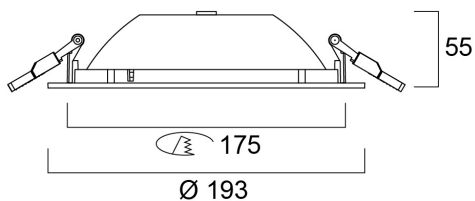
STARTTM



The START DOWNLIGHT 175 IP54 1550LM 840 DALI is a high efficient DALI dimmable downlight luminaire, Colour rendering index Ra>80, Colour temperature: 4000 Neutral White, Class II, Protection rating IP54/IP20, Cut out dimensions: 175mm.

Technical Assets

Dimensions (mm)



Photometrics

START Downlight 175 IP54 1600Lm 840 DALI

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General data

Product name	START Downlight 175 IP54 1600Lm 840 DALI
Technology	LED
Cap/Base	N/A
Housing	Aluminium
Mount	Ceiling recessed mounting
Built in presence detector	NONE
General application	Hospitality, Logistics & Industry, Office
Operating temperature range (°C)	-10°C...+40°C
Performance ambient temperature Tq (°C)	25
Virtual assistant compatibility	N/A
ETIM Class	EC001744
E-number FI	4170706
Warranty	5 years

Optical data

Fixture luminous flux (lm)	1550
Luminaire efficacy (lm/W)	107
LOR (%)	100
Correlated colour temperature (k)	4000
Light colour	Neutral White
CRI (Ra)	80
Colour Variation Initial (SDCM)	SDCM3
Adjustable chromaticity	N
Beam Angle (°)	74
Distribution type	Symmetric
Glare control	< 26
Photobiological Risk Group	RG0

Electrical data

Emergency type	
Total power consumption (W)	14.5
Supply current (A)	0.063
Primary Supply/Product voltage - min (V)	220.0
Primary Supply/Product voltage - max (V)	240.0
Lamp power factor	0.9
THD (at 230 V, 50 Hz, full load, at 100% dimming level) ≤ xx.x %	20
Electrical protection	Class II
Control gear type	LED driver constant current
No. Of switching cycles before premature failures	>100000
Dimmable	Yes
Dimming method	DALI-2, Switch-dim (mains-rated)
Minimum dimming level (%)	1
Drive current (mA)	400
Inrush Current (A)	3.62
Inrush Duration (µs)	45
Energy Efficiency Class (A->G) of contained light source	E
Nominal Frequency (Hz)	50/60Hz
LED Flickering Rate	Ultra low (5% or less)
Max. products per 10A C Breaker	58
Max. products per 13A C Breaker	77
Max. products per 16A C Breaker	93
Max. products per 20A C Breaker	118
Max. products per 10A B Breaker	58
Max. products per 13A B Breaker	77
Max. products per 16A B Breaker	93
Max. products per 20A B Breaker	118
Connectable conductor cross section - Min (mm²)	0.5
Connectable conductor cross section - Max (mm²)	2.5

START Downlight 175 IP54 1600Lm 840 DALI

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Lifetime data

Lifespan L70 B50	100000
Lifespan L80 B50	78000
Lifespan L90 B50	38000

Physical data

Housing colour	RAL 9010 - Pure white
IP rating	IP54/20
IK rating	IK07
Diffuser finish	Frosted
Diffuser material	PC Polycarbonate
Reflector finish	Not Applicable
Nominal Product Height (mm)	55
Nominal Product Diameter (mm)	193
Built-in diameter (mm)	175
Weight (kg)	0.431
Recessed Depth (mm)	150

Packaging

Product EAN number	5410288305936
Packaging single length / height (cm)	24.5
Packaging single width (cm)	23.0
Packaging single depth (cm)	8.5
DUN14 (inner)	15410288305933
Units per outer package	16
Packaging outer length / height (cm)	51.0
Packaging outer width (cm)	48.0
Packaging outer depth (cm)	34.0

Safety data

Glow Wire Test (°C)	850
Optimal operating condition (°C)	-10-40