

START Downlight 225 IP54 2400lm 840
0030331



Features

• Ceiling recessed LED downlight IP54 (from the front), perfect where limited ceiling void is available with only 65mm product depth and 225mm cutout. Ideal replacement for 2x26W CFL downlights. The polycarbonate diffuser allows for a wider light distribution and increased spacings between luminaires. Loop in loop out connector allows for quick installation. Die-cast aluminium body, 23W, 4000K, Driver Current: 630mA, CRI80, 74° beam angle, Non-dimmable LED driver, IP54 from the front, IK07, (HxW) 65x225mm, Class 2, 220-240V. Meets TP(a) requirements.

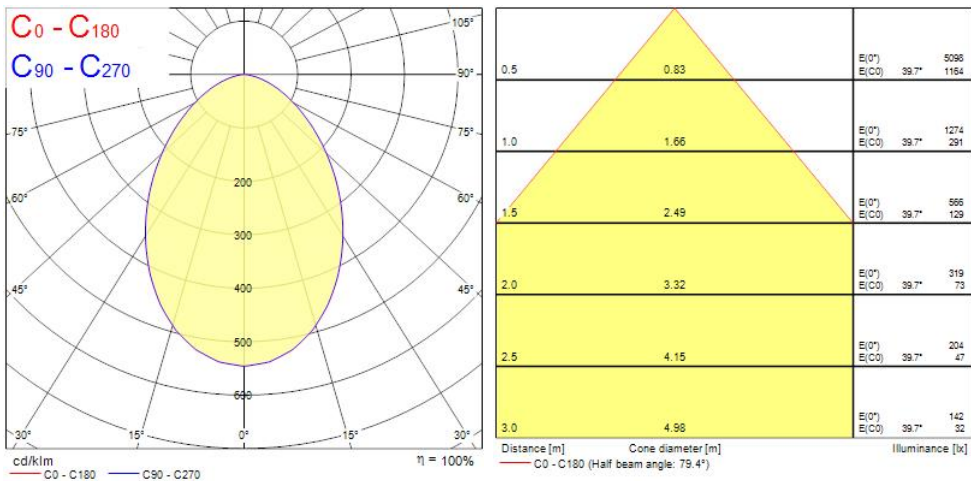
Product Overview

Product name	START Downlight 225 IP54 2400lm 840
Technology	LED
Cap/Base	N/A
Housing	Aluminium
Mount	Ceiling recessed mounting
General application	Hospitality, Logistics & Industry, Office
ETIM Class	EC001744
E-number FI	4278156
Fixture luminous flux (lm)	2400
Luminaire efficacy (lm/W)	104
LOR (%)	100
Correlated colour temperature (k)	4000
Light colour	Neutral White
CRI (Ra)	80
Colour Variation Initial (SDCM)	3
Beam Angle (°)	74
Glare control	< 25

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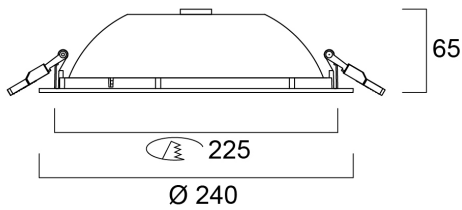
Photobiological Risk Group	RG0
Total power consumption (W)	23
Electrical protection	Class II
Control gear type	LED driver constant current
Dimmable	No
LED Flickering Rate	Ultra low (5% or less)
Housing colour	RAL9010
IP rating	IP54/20
IK rating	IK07
Product EAN number	5410288303314
Warranty	5 years
Dimming method	N/A

Photometry



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Technical drawings



Data table

GENERAL DATA

Product name	START Downlight 225 IP54 2400lm 840
Technology	LED
Cap/Base	N/A
Housing	Aluminium
Mount	Ceiling recessed mounting
General application	Hospitality, Logistics & Industry, Office
Operating temperature range (°C)	-10°C...+40°C
Performance ambient temperature Tq (°C)	40
ETIM Class	EC001744
E-number FI	4278156
Warranty	5 years

OPTICAL DATA

Fixture luminous flux (lm)	2400
Luminaire efficacy (lm/W)	104

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LOR (%)	100
Correlated colour temperature (k)	4000
Light colour	Neutral White
CRI (Ra)	80
Colour Variation Initial (SDCM)	3
Adjustable chromaticity	N
Beam Angle (°)	74
Distribution type	Symmetric
Glare control	< 25
Photobiological Risk Group	RG0

ELECTRICAL DATA

Total power consumption (W)	23
Current (A)	0.100
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 required	No
Control gear type	LED driver constant current
No. Of switching cycles before premature failures	>100000
Dimmable	No
Dimming method	N/A
Drive current (mA)	630
Inrush Current (A)	6.44
Inrush Duration (µs)	830
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	11
Max. products per 13A C Breaker	14

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Max. products per 16A C Breaker	17
Max. products per 20A C Breaker	22
Max. products per 10A B Breaker	7
Max. products per 13A B Breaker	9
Max. products per 16A B Breaker	11
Max. products per 20A B Breaker	14
Connectable conductor cross section - Min (mm ²)	0.5
Connectable conductor cross section - Max (mm ²)	1.5

LIFETIME DATA

Lifespan L70 B50	100000
Lifespan L80 B20	74000
Lifespan L90 B10	34000

PHYSICAL DATA

Housing colour	RAL9010
IP rating	IP54/20
IK rating	IK07
Diffuser finish	Opal
Diffuser material	PC Polycarbonate
Reflector finish	High-gloss
Nominal Product Height (mm)	65
Nominal Product Diameter (mm)	240
Weight (kg)	0.528
Recessed Depth (mm)	150

PACKAGING

Product EAN number	5410288303314
Packaging single length / height (cm)	24.5
Packaging single width (cm)	24.5
Packaging single depth (cm)	8.0
DUN14 (inner)	15410288303311



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Units per outer package	12
Packaging outer length / height (cm)	50.0
Packaging outer width (cm)	51.0
Packaging outer depth (cm)	27.0

SAFETY DATA

Glow Wire Test (°C)	850
Optimal operating condition (°C)	-10-40
Special purpose lamp	No
Dry applications use only	No
Suitable for household illumination	No