Pound_T

Projectors | 198-264 V | 1 arrayLED 23 W DC 630 mA
CRI 90
82229N30
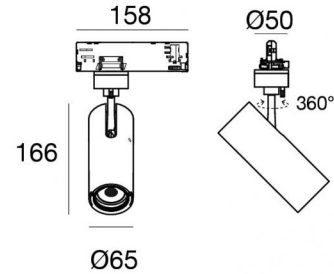
Technical data

Type	Track
Installation position	Ceiling
Installation environment	Indoor
Light Source	LED
Circuit structure	arrayLED
Optics	Medium Flood
Light emission direction	frontal
Nominal power	23 W DC
Source lumens	3418 lm
Nominal input voltage	220 - 240 V AC
Input voltage range	198 - 264 V AC
Frequency	50 - 60 Hz
CCT / Tone	4000 K
Colour rendering index	90 Ra
C.C. / C.V.	AC
Safety class	2
IP	IP20
Glow wire test	850°
Direct mounting on normally flammable surfaces	Yes
CE	Yes
Driver included	Driver
Dimmable article	Dimming on Board
Directional	Swivelling
total angle (vertical plane)	90 °
total angle (horizontal plane)	360 °
Tilting	No
Walk-over	No
Drive-over	No
Cable included	No
Resin potting	No
Type of light emission	Single emission
Net weight	0.612 Kg
Electrostatic discharge protection	Yes
Surge protection	2 KV
Optics technology	Anti - Glare

Finishing casing

Material	Die-cast Aluminium EN AB - 46100
Colour	White
Processing	Powder coating

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Projectors | 198-264 V | 1 arrayLED 23 W DC 630 mA | CRI 90 | Base
82229N30

Single emission projectors for indoor application. The natural white LED light source with a medium flood light distribution is composed of 1 arrayled LEDs with CCT of 4000 K and a CRI 90; the source luminous flux is 3418 lm, with a 148.6 lm/W nominal luminous efficacy.

The device body is made of die-cast aluminium en ab - 46100 and features a white finish, processed by means of powder coating. The ingress protection degree is IP20; the total weight is of 0.612 kg.

The total absorbed power is 26 W.

The device features protection class II and can be ceiling-mounted.

Compliant with the EN 60598-1 standard and its specific provisions.
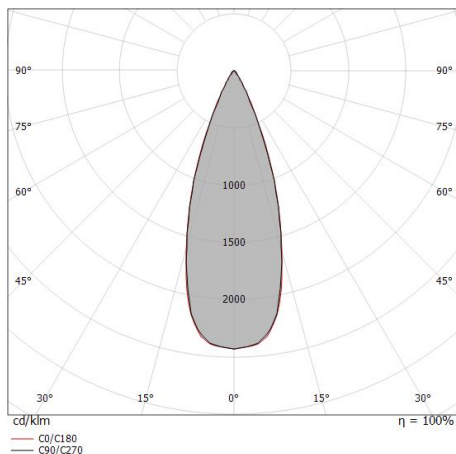
Energy efficiency class

This product contains a light source of energy efficiency class E.

Illuminotechnical Features

Source lumens	3418 lm
Colour temperature	4000 K
Standard Deviation of Colour Matching	2 Step MacAdam
Colour rendering index	90 Ra
Colour Rendering Index	60 R9
Black Body Locus	On
Standard Operating Ambient Temperature	-20 / +50°C
Ordinary temperature on the glass	40°C

LED Life / Failure Ratio

L70 B10 C0 252000h (at Tj 65 Ta 25)

cd/klm   η = 100%
— C0/C180
— C90/C270

COLOR VECTOR GRAPHIC

Distance [m]	Cone diameter [m]		Illuminance [lx]	
0.5	0.33 0.33	E(0°) E(C90) 18.3° E(C0) 18.4°		20597 8829 8866
1.0	0.66 0.67	E(0°) E(C90) 18.3° E(C0) 18.4°		5149 2207 2216
1.5	0.99 1.00	E(0°) E(C90) 18.3° E(C0) 18.4°		2289 981 985
2.0	1.32 1.33	E(0°) E(C90) 18.3° E(C0) 18.4°		1287 552 554
2.5	1.65 1.66	E(0°) E(C90) 18.3° E(C0) 18.4°		824 353 355
3.0	1.98 2.00	E(0°) E(C90) 18.3° E(C0) 18.4°		572 245 246

— C0/C180 (Half-peak divergence: 36.8°)
— C90/C270 (Half-peak divergence: 36.6°)

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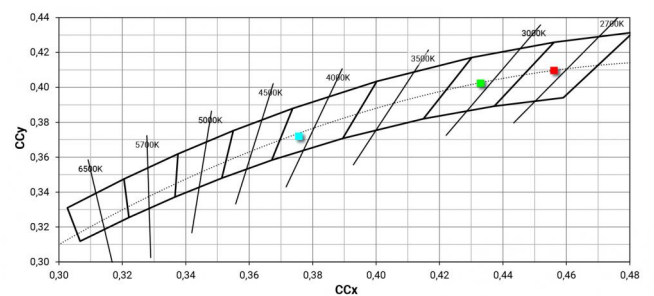
		Code
	Optics Light distribution: spot,Cover material: uv resistant polycarbonate	**Code** 99827
	Optics Light distribution: medium flood,Cover material: ,uv resistant polycarbonate,uv resistant polycarbonate,uv resistant polycarbonate	**Code** 99828
	Optics Light distribution: flood,Cover material: ,uv resistant polycarbonate,uv resistant polycarbonate,uv resistant polycarbonate	**Code** 99829
	Anti-glare Anti-glare Type: cross louvres. Material:Pom-C, colour:Black.	**Code** 99779
	Anti-glare Anti-glare Type: honeycomb louvre. Material:Pom-C, colour:Black.	**Code** 99780
	Diffuser Diffuser Type: elliptical filter. Material:Pom-C, colour:Black.	**Code** 99781
	Anti-glare Anti-glare Type: 45° cylindrical screen. Material:Pom-C, colour:Black.	**Code** 99782
	Anti-glare Anti-glare Type: cylindrical screen. Material:Pom-C, colour:Black.	**Code** 99783

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			Finish	Code
	Track Length: 1000mm; Type of track: Standard. Material:Aluminium, colour:White, processing:Coating.		White	83336
	Track Length: 1000mm; Type of track: Standard. Material:Aluminium, colour:Black, processing:Coating.		Black	83339
	Track Length: 3000mm; Type of track: Standard. Material:Aluminium, colour:Black, processing:Coating.		Black	83341
	Track - Three-phase Recessed White DALI Track, 2 m (9000-2/W-R) Length: 2000mm; Type of track: Standard. Material:Aluminium, colour:White, processing:Coating.		White	80991
	Track - Three-phase Recessed Grey DALI Track, 1 m (9000-1/B-R) Length: 1000mm; Type of track: Standard. Material:Aluminium, colour:Black, processing:Coating.		Black	80993
	Track - Trhee-phase Recessed White DALI Track, 3 m (9000-3/W-R) Length: 3000mm; Type of track: Standard. Material:Aluminium, colour:White, processing:Coating.		White	80992

			Code
	Power supply - White Right power supply header (9001/W) Material:PC, colour:white.		81033
	Power supply - Black left power supply header (9002/B) Material:PC, colour:black.		81037

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	Finish	Code
Junction - White power supply junction - central (9010/W) Type linear. Material:PC, colour:white.	White	81042
Junction - Black power supply junction - centrale (9010/B) Type linear. Material:PC, colour:black.	Black	81043
Track - Three-phase Recessed Black DALI Track, 2 m (9000-1/B-R) Length: 2000mm; Type of track: Standard. Material:Aluminium, colour:Black, processing:Coating.	Black	80994
Power supply - White left power supply header (9002/W) Material:PC, colour:white.		81036
Junction - Left white T junction - external (9013/W) Type linear. Material:PC, colour:white.	White	81051
Junction - Black left T junction - external (9013/B) Type linear. Material:PC, colour:black.	Black	81052
Track Length: 2000mm; Type of track: Standard. Material:Aluminium, colour:White, processing:Coating.	White	83337
Track Length: 2000mm; Type of track: Standard. Material:Aluminium, colour:Black, processing:Coating.	Black	83340

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		Finish	Code
Junction - Flexible white junction (9018/W) Type flexible curve. Material:PC, colour:white.		White	81066
Closing cap - White end cap 9004/W Material:PC, colour:white.			80999
Junction - White electrical junction - internal (9003/W) Type linear. Material:PC, colour:white.		White	81039
Track - Three-phase Recessed Black DALI Track, 3 m (9000-3/B-R) Length: 3000mm; Type of track: Standard. Material:Aluminium, colour:Black, processing:Coating.		Black	80995
Junction - Right white T junction - external (9014/W) Type linear. Material:PC, colour:white.		White	81054
Junction - Black electrical junction - internal (9003/B) Type linear. Material:PC, colour:black.		Black	81040
Junction - White L junction - internal (9011/W) Type linear. Material:PC, colour:white.		White	81045
Junction - Flexible black junction (9018/B) Type flexible curve. Material:PC, colour:black.		Black	81067

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			Code
	Power supply - Black Right power supply header (9001/B) Material:PC, colour:black.		81034

		Finish	Code
	Junction - White X junction (9017/W) Type linear. Material:PC, colour:white.	White	81063

		Finish	Code
	Track - Three-phase Recessed White DALI Track, 1 m (9000-1/W-R) Length: 1000mm; Type of track: Standard. Material:Aluminium, colour:White, processing:Coating.	White	80990

			Code
	Closing cap - Black end cap 9004/B Material:PC, colour:black.		81000

		Finish	Code
	Junction - Left black T junction - internal (9015/B) Type linear. Material:PC, colour:black.	Black	81058

		Finish	Code
	Junction - Right black T junction - internal (9016/B) Type linear. Material:PC, colour:black.	Black	81061

			Code
	Closing cap - Recessed white end cap 9004-R/W Material:PC, colour:white.		81002

		Finish	Code
	Junction - Left white T junction - internal (9015/W) Type linear. Material:PC, colour:white.	White	81057

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			Finish	Code
	Junction - Black L junction - internal (9011/B) Type linear. Material:PC, colour:black.		Black	81046

			Finish	Code
	Junction - Right White T junction - internal (9016/W) Type linear. Material:PC, colour:white.		White	81060

			Finish	Code
	Junction - Black L junction - external (9012/B) Type linear. Material:PC, colour:black.		Black	81049

		Code
	Ceiling rose - 5m black pendant luminaires kit + bracket (9000-KIT5-5-B) Material:plastic, colour:black.	81015

		Code
	Suspensions - White rigid suspension 1m (S-9000-P3-W) Material:plastic, colour:white.	81021

		Code
	Suspensions - Black rigid suspension 1m (S-9000-P3-B) Material:plastic, colour:black.	81022

		Code
	Closing cap - Recessed black end cap 9004-R/B Material:PC, colour:black.	81003

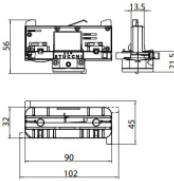|		Code
	Ceiling rose - 5m white pendant luminaires kit + bracket (9000-KIT5-5-W) Material:plastic, colour:white.	81013

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			Code
	Ceiling rose - 1.5m white pendant luminaires kit + bracket (9000-KIT5-1,5-W) Material:plastic, colour:white.		**Code** 81012
	Ceiling rose - 1.5m black pendant luminaires kit + bracket ((9000-KIT5-1,5-B) Material:plastic, colour:black.		**Code** 81014

		Finish	Code
Bracket - Anodized fixing bracket (S-9000/131) L=35mm, H=14mm, D=24mm. Material:Aluminium, colour:translucent.		Anod. Al.	**Code** 81086
Bracket - White fixing braket (S-9000/131-W) L=35mm, H=14mm, D=24mm. Material:Aluminium, colour:white, processing:Coating.		White	**Code** 81087
Bracket - Black fixing braket (S-9000/131-B) L=35mm, H=14mm, D=24mm. Material:Aluminium, colour:Black, processing:Coating.		Black	**Code** 81088

		Code
Cable cover - White cover for recessed L junction (S-9011-R/6-W) Material:PC, colour:white.		**Code** 81075
Cable cover - Black cover for recessed X junction (S-9017-R/6-B) Material:PC, colour:black.		**Code** 81082
White three-phase adapter (9009-4/W)		**Code** 81091

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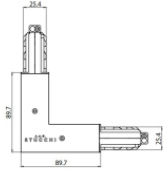
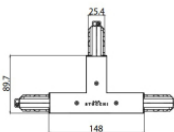|			Finish	Code
	Junction - White L junction - external (9012/W) Type linear. Material:PC, colour:white.		White	81048
	Black trhee-phase adapter (9009-4/B)			Code 81093
	Suspensions - 1.5m white pendant luminaires kit (9000-KIT3-1,5-W) Material:plastic, colour:white.			Code 81006
	Cable cover - White recessed cover (S-9001-R/6-W) Material:PC, colour:white.			Code 81069
	Suspensions - 5m white pendant luminaires kit (9000-KIT3-5-W) Material:plastic, colour:white.			Code 81007
	Tool - Cutter S-9000/T			Code 81005
	Junction - Right black T junction - external (9014/B) Type linear. Material:PC, colour:black.		Black	81055
	Suspensions - White rigid suspension clip (S-9000-P2-W) Material:plastic, colour:white.			Code 81018

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			Finish	Code
	Cable cover - Black recessed cover (S-9001-R/6-B) Material:PC, colour:black.			**Code** 81070
	Cable cover - White cover for recessed X junction (S-9017-R/6-W) Material:PC, colour:white.			**Code** 81081
	Bracket - Black stiffening bracket (S-9000/333-B) L=180mm, H=24mm, D=20mm. Material:Aluminium, colour:black RAL 9005, processing:Coating.		**Finish** Black	**Code** 81026
	Cable cover - White cover for recessed junction (S-9010-R/6-W) Material:PC, colour:white.			**Code** 81072
	Suspensions - 1.5m black pendant luminaires kit (9000-KIT3-1,5-B) Material:plastic, colour:black.			**Code** 81008
	Junction - Black X junction (9017/B) Type linear. Material:PC, colour:black.		**Finish** Black	**Code** 81064
	Cable cover - Black cover for recessed T junction (S-9013-R/6-B) Material:PC, colour:black.			**Code** 81079
	Cable cover Material:white.			**Code** 83249

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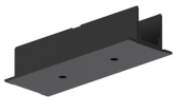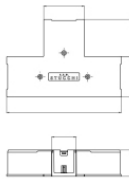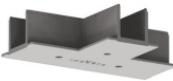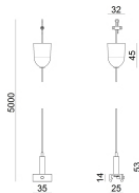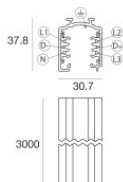|		Finish	Code
Bracket - Anodized stiffening bracket (S-9000/333) L=180mm, H=24mm, D=26mm. Material:Aluminium, colour:Anodised Aluminum, processing:Anodisation.			81024
Bracket - White stiffening bracket (S-9000/333-W) L=180mm, H=24mm, D=20mm. Material:Aluminium, colour:white RAL 9010, processing:Coating.		White	81025
Cable cover - Black cover for recessed junction (S-9010-R/6-B) Material:PC, colour:black.			81073
Cable cover - White cover for recessed T junction (S-9013-R/6-W) Material:PC, colour:white.			81078
Suspensions - Black rigid suspension clip (S-9000-P2-B) Material:plastic, colour:black.			81019
Suspensions - 5m black pendant luminaires kit (9000-KIT3-5-B) Material:plastic, colour:black.			81009
Cable cover Material:black, colour:black.			83250
Track Length: 3000mm; Type of track: Standard. Material:Aluminium, colour:White, processing:Coating.		White	83338

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		Cable cover Material:PC, colour:black.	**Code** 81076
		Closing cap - White gasket (S-9001/115-W) Material:white.	**Code** 81084
		Closing cap - Black gasket (S-9001/115-B) Material:black, colour:black.	**Code** 81085
		White three-phase/DALI adapter (9009/W)	**Code** 81094
		Black three-phase/DALI adapter (9009/B)	**Code** 81095
		Electronic accessory - TWIL-DALI controller for devices with DALI protocol installed on three-phase track. installation position: ceiling L=90mm, H=124mm, D=45mm. Material:ABS Plastic, colour:black.	**Code** C-E700008

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