Pound_T

Projectors | 198-264 V | 1 arrayLED 23 W DC 630 mA
CRI 90
82230N30
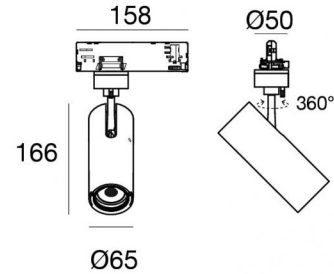
Technical data	
Type	Track
Installation position	Ceiling
Installation environment	Indoor
Light Source	LED
Circuit structure	arrayLED
Optics	Medium Flood
Light emission direction	frontal
Nominal power	23 W DC
Source lumens	3418 lm
Nominal input voltage	220 - 240 V AC
Input voltage range	198 - 264 V AC
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	Black
Processing	Powder coating

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Projectors | 198-264 V | 1 arrayLED 23 W DC 630 mA | CRI 90 | Base
82230N30

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 black 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.
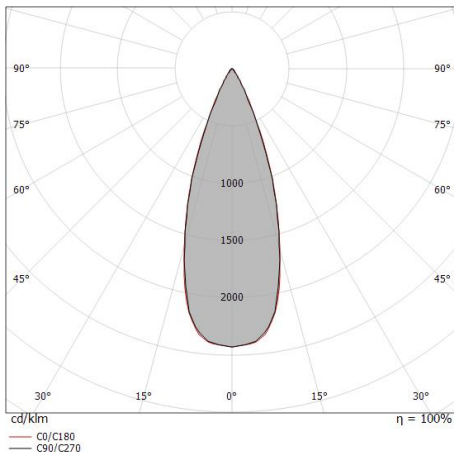
Energy efficiency class

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

Illuminotechnical Features

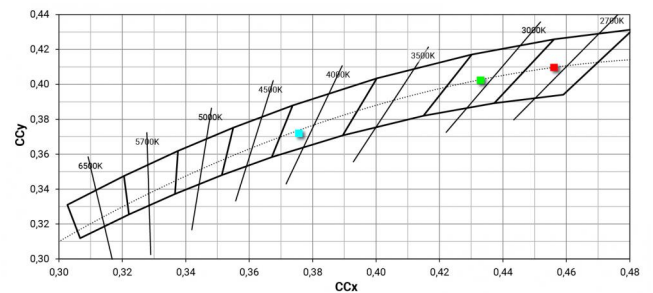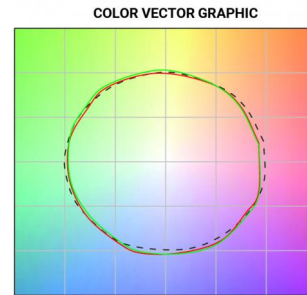|	
Source lumens	3418 lm
Colour temperature	4000 K
Standard Deviation of Colour Matching	2 Step MacAdam
Colour rendering index	90 Ra
Colour Rendering Index	60 R9
Black Body Locus	On
Standard Operating Ambient Temperature	-20 / +50°C
Ordinary temperature on the glass	40°C

LED Life / Failure Ratio

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

cd/klm

η = 100%

— C0/C180
— C90/C270

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°)

COLOR VECTOR GRAPHIC

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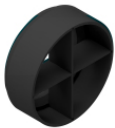|		**Code**
	Optics	99827
	Light distribution: spot,Cover material: uv resistant polycarbonate	

		Code
	Optics	99828
	Light distribution: medium flood,Cover material: ,uv resistant polycarbonate,uv resistant polycarbonate,uv resistant polycarbonate	

		Code
	Optics	99829
	Light distribution: flood,Cover material: ,uv resistant polycarbonate,uv resistant polycarbonate,uv resistant polycarbonate	

		Code
	Anti-glare	99779
	Anti-glare Type: cross louvres.	
	Material:Pom-C, colour:Black.	

		Code
	Anti-glare	99780
	Anti-glare Type: honeycomb louvre.	
	Material:Pom-C, colour:Black.	

		Code
	Diffuser	99781
	Diffuser Type: elliptical filter.	
	Material:Pom-C, colour:Black.	

		Code
	Anti-glare	99782
	Anti-glare Type: 45° cylindrical screen.	
	Material:Pom-C, colour:Black.	
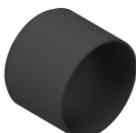
		Code
	Anti-glare	99783
	Anti-glare Type: cylindrical screen.	
	Material:Pom-C, colour:Black.	

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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
	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.		White	81066
	Material:PC, colour:white.			

				Code
	Closing cap - White end cap 9004/W			
	Material:PC, colour:white.			80999

			Finish	Code
	Junction - White electrical junction - internal (9003/W)			
	Type linear.		White	81039
	Material:PC, colour:white.			

			Finish	Code
	Track - Three-phase Recessed Black DALI Track, 3 m (9000-3/B-R)			
	Length: 3000mm; Type of track: Standard.		Black	80995
	Material:Aluminium, colour:Black, processing:Coating.			

			Finish	Code
	Junction - Right white T junction - external (9014/W)			
	Type linear.		White	81054
	Material:PC, colour:white.			

			Finish	Code
	Junction - Black electrical junction - internal (9003/B)			
	Type linear.		Black	81040
	Material:PC, colour:black.			

			Finish	Code
	Junction - White L junction - internal (9011/W)			
	Type linear.		White	81045
	Material:PC, colour:white.			

			Finish	Code
	Junction - Flexible black junction (9018/B)			
	Type flexible curve.		Black	81067
	Material:PC, colour:black.			

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Pound_T | Projectors | Accessories
82230N30

			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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Pound_T | Projectors | Accessories
82230N30

|		Finish	Code
	Junction - Black L junction - internal (9011/B) Type linear. Material:PC, colour:black.	Black	81046
	Junction - Right White T junction - internal (9016/W) Type linear. Material:PC, colour:white.	White	81060
	Junction - Black L junction - external (9012/B) Type linear. Material:PC, colour:black.	Black	81049
	Ceiling rose - 5m black pendant luminaires kit + bracket (9000-KIT5-5-B) Material:plastic, colour:black.		Code 81015
	Suspensions - White rigid suspension 1m (S-9000-P3-W) Material:plastic, colour:white.		Code 81021
	Suspensions - Black rigid suspension 1m (S-9000-P3-B) Material:plastic, colour:black.		Code 81022
	Closing cap - Recessed black end cap 9004-R/B Material:PC, colour:black.		Code 81003
	Ceiling rose - 5m white pendant luminaires kit + bracket (9000-KIT5-5-W) Material:plastic, colour:white.		Code 81013

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Pound_T | Projectors | Accessories
82230N30

			Finish	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
	Bracket - Anodized fixing bracket (S-9000/131) L=35mm, H=14mm, D=24mm. Material:Aluminium, colour:translucent.		**Finish** Anod. Al.	**Code** 81086
	Bracket - White fixing braket (S-9000/131-W) L=35mm, H=14mm, D=24mm. Material:Aluminium, colour:white, processing:Coating.		**Finish** White	**Code** 81087
	Bracket - Black fixing braket (S-9000/131-B) L=35mm, H=14mm, D=24mm. Material:Aluminium, colour:Black, processing:Coating.		**Finish** Black	**Code** 81088
	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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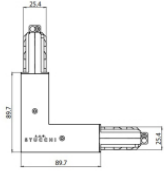
		Finish	Code
Junction - White L junction - external (9012/W)	Type linear. Material:PC, colour:white.	White	81048
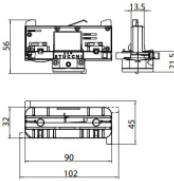
			Code
Black trhee-phase adapter (9009-4/B)			81093

			Code
Suspensions - 1.5m white pendant luminaires kit (9000-KIT3-1,5-W)	Material:plastic, colour:white.		81006

			Code
Cable cover - White recessed cover (S-9001-R/6-W)	Material:PC, colour:white.		81069

			Code
Suspensions - 5m white pendant luminaires kit (9000-KIT3-5-W)	Material:plastic, colour:white.		81007

			Code
Tool - Cutter S-9000/T			81005
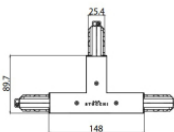
		Finish	Code
Junction - Right black T junction - external (9014/B)	Type linear. Material:PC, colour:black.	Black	81055

			Code
Suspensions - White rigid suspension clip (S-9000-P2-W)	Material:plastic, colour:white.		81018

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		Code
	Cable cover - Black recessed cover (S-9001-R/6-B) Material:PC, colour:black.	**Code** 81070

		Code
	Cable cover - White cover for recessed X junction (S-9017-R/6-W) Material:PC, colour:white.	**Code** 81081

		Finish	Code
	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

		Code
	Cable cover - White cover for recessed junction (S-9010-R/6-W) Material:PC, colour:white.	**Code** 81072

		Code
	Suspensions - 1.5m black pendant luminaires kit (9000-KIT3-1,5-B) Material:plastic, colour:black.	**Code** 81008

		Finish	Code
	Junction - Black X junction (9017/B) Type linear. Material:PC, colour:black.	**Finish** Black	**Code** 81064

		Code
	Cable cover - Black cover for recessed T junction (S-9013-R/6-B) Material:PC, colour:black.	**Code** 81079

		Code
	Cable cover Material:white.	**Code** 83249

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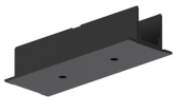|			Finish	Code
	Bracket - Anodized stiffening bracket (S-9000/333) L=180mm, H=24mm, D=26mm. Material:Aluminium, colour:Anodised Aluminum, processing:Anodisation.			81024

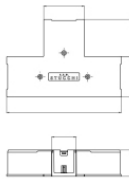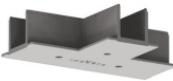|			Finish	Code
	Bracket - White stiffening bracket (S-9000/333-W) L=180mm, H=24mm, D=20mm. Material:Aluminium, colour:white RAL 9010, processing:Coating.		White	81025

		Code
	Cable cover - Black cover for recessed junction (S-9010-R/6-B) Material:PC, colour:black.	81073

		Code
	Cable cover - White cover for recessed T junction (S-9013-R/6-W) Material:PC, colour:white.	81078

		Code
	Suspensions - Black rigid suspension clip (S-9000-P2-B) Material:plastic, colour:black.	81019
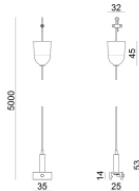
		Code
	Suspensions - 5m black pendant luminaires kit (9000-KIT3-5-B) Material:plastic, colour:black.	81009

		Code
	Cable cover Material:black, colour:black.	83250
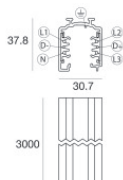
			Finish	Code
	Track Length: 3000mm; Type of track: Standard. Material:Aluminium, colour:White, processing:Coating.		White	83338

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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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