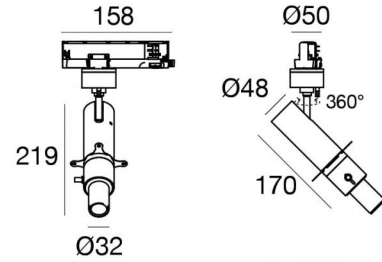# Pound Shaper_distance

Projectors | 198-264 V
1 arrayLED 11 W DC - 13 W AC | CRI 98
76667N66

Technical data

Type	Track
Installation position	Ceiling
Installation environment	Indoor
Light Source	LED
Circuit structure	arrayLED
Optics	Shaper Long Distance
Light emission direction	frontal
Nominal power	11 W DC
Total Power	13 W
Source lumens	1493 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	98 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	0.54 Kg
Electrostatic discharge protection	Yes
Surge protection	2 KV

Finishing casing

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

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Pound Shaper_distance

Projectors | 198-264 V | 1 arrayLED 11 W DC - 13 W AC | CRI 98 | Base
76667N66

Single emission projectors for indoor application. The natural white LED light source with a shaper long distance light distribution is composed of 1 arrayled LEDs with CCT of 4000 K and a CRI 98; the source luminous flux is 1493 lm, with a 135.7 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 0.54 kg.

The total absorbed power is 13 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 F.

Illuminotechnical Features

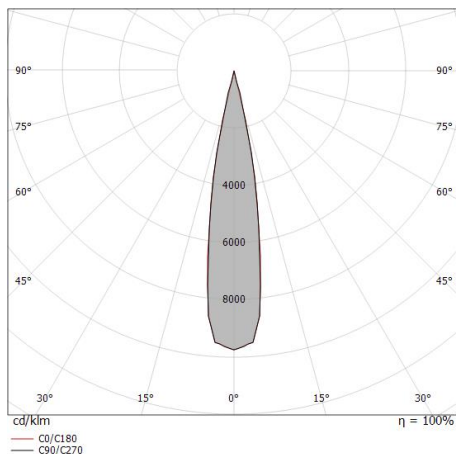|	
Light Output Ratio (LOR)	7 %
Source lumens	1493 lm
Delivered lumens	108 lm
Consumption	13 W
Luminaire efficacy	8 lm/W
Colour temperature	4000 K
Standard Deviation of Colour Matching	2 Step MacAdam
Colour rendering index	98 Ra
Black Body Locus	On
Standard Operating Ambient Temperature	-20 / +50°C
Ordinary temperature on the glass	45°C

LED Life / Failure Ratio

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

UGR

UGR axial	-9.6
UGR transversal	-9.6
X=4H	Y=8H	S=0.25H
Reflection factor	70/50/20

OPTICAL

C0/C180 optics	19°
Light distribution simmetry	Symmetrical

cd/klm
η = 100%
- C0/C180
- C90/C270

Distance [m]	Cone diameter [m]	Illuminance [lx]		
0.5	0.17 / 0.17	E(0°)		4207
		E(C90)	9.8°	2023
		E(C0)	9.7°	2053
1.0	0.35 / 0.34	E(0°)		1052
		E(C90)	9.8°	506
		E(C0)	9.7°	513
1.5	0.52 / 0.51	E(0°)		467
		E(C90)	9.8°	225
		E(C0)	9.7°	228
2.0	0.69 / 0.68	E(0°)		263
		E(C90)	9.8°	126
		E(C0)	9.7°	128
2.5	0.86 / 0.85	E(0°)		168
		E(C90)	9.8°	81
		E(C0)	9.7°	82
3.0	1.04 / 1.03	E(0°)		117
		E(C90)	9.8°	56
		E(C0)	9.7°	57

- C0/C180 (Half-peak divergence: 19.4°)
- C90/C270 (Half-peak divergence: 19.6°)

COLOR VECTOR GRAPHIC

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Pound Shaper_distance

Pound Shaper_distance | Projectors | Accessories
76667N66
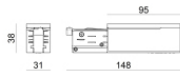
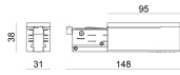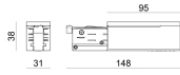|			
		Power supply - White Right power supply header (9001/W) Material:PC, colour:white.	**Code** 81033
		Power supply - White left power supply header (9002/W) Material:PC, colour:white.	**Code** 81036
		Power supply - Black left power supply header (9002/B) Material:PC, colour:black.	**Code** 81037
		Power supply - Black Right power supply header (9001/B) Material:PC, colour:black.	**Code** 81034
		Closing cap - White end cap 9004/W Material:PC, colour:white.	**Code** 80999
		Closing cap - Black end cap 9004/B Material:PC, colour:black.	**Code** 81000
		Closing cap - Recessed white end cap 9004-R/W Material:PC, colour:white.	**Code** 81002
		Closing cap - Recessed black end cap 9004-R/B Material:PC, colour:black.	**Code** 81003
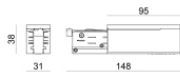
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Pound Shaper_distance | Projectors | Accessories
76667N66

			Code
	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
	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
	Ceiling rose - 5m white pendant luminaires kit + bracket (9000-KIT5-5-W) Material:plastic, colour:white.		**Code** 81013
	Ceiling rose - 5m black pendant luminaires kit + bracket (9000-KIT5-5-B) Material:plastic, colour:black.		**Code** 81015
	Bracket - Anodized fixing bracket (S-9000/131) L=35mm, H=14mm, D=24mm. Material:Aluminium, colour:translucent.	**Finish** Anod. Al.	**Code** 81086
	Bracket - Anodized stiffening bracket (S-9000/333) L=180mm, H=24mm, D=26mm. Material:Aluminium, colour:Anodised Aluminum, processing:Anodisation.	**Finish**	**Code** 81024

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Pound Shaper_distance | Projectors | Accessories
76667N66

			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
	Bracket - Black stiffening bracket (S-9000/333-B) L=180mm, H=24mm, D=20mm. Material:Aluminium, colour:black RAL 9005, processing:Coating.		Black	81026
	Bracket - White fixing braket (S-9000/131-W) L=35mm, H=14mm, D=24mm. Material:Aluminium, colour:white, processing:Coating.		White	81087
	Bracket - Black fixing braket (S-9000/131-B) L=35mm, H=14mm, D=24mm. Material:Aluminium, colour:Black, processing:Coating.		Black	81088
	Junction - White electrical junction - internal (9003/W) Type linear. Material:PC, colour:white.		White	81039
	Junction - Black electrical junction - internal (9003/B) Type linear. Material:PC, colour:black.		Black	81040
	Junction - White power supply junction - central (9010/W) Type linear. Material:PC, colour:white.		White	81042
	Junction - White L junction - internal (9011/W) Type linear. Material:PC, colour:white.		White	81045

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Pound Shaper_distance | Projectors | Accessories
76667N66

			Finish	Code
	Junction - White L junction - external (9012/W) Type linear. Material:PC, colour:white.		White	81048
	Junction - Flexible white junction (9018/W) Type flexible curve. Material:PC, colour:white.		White	81066
	Junction - White X junction (9017/W) Type linear. Material:PC, colour:white.		White	81063
	Junction - Left white T junction - external (9013/W) Type linear. Material:PC, colour:white.		White	81051
	Junction - Right white T junction - external (9014/W) Type linear. Material:PC, colour:white.		White	81054
	Junction - Left white T junction - internal (9015/W) Type linear. Material:PC, colour:white.		White	81057
	Junction - Right White T junction - internal (9016/W) Type linear. Material:PC, colour:white.		White	81060
	Junction - Black power supply junction - centrale (9010/B) Type linear. Material:PC, colour:black.		Black	81043

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			Finish	Code
	Junction - Black L junction - internal (9011/B) Type linear. Material:PC, colour:black.		Black	81046
	Junction - Black L junction - external (9012/B) Type linear. Material:PC, colour:black.		Black	81049
	Junction - Flexible black junction (9018/B) Type flexible curve. Material:PC, colour:black.		Black	81067
	Junction - Black X junction (9017/B) Type linear. Material:PC, colour:black.		Black	81064
	Junction - Black left T junction - external (9013/B) Type linear. Material:PC, colour:black.		Black	81052
	Junction - Right black T junction - external (9014/B) Type linear. Material:PC, colour:black.		Black	81055
	Junction - Left black T junction - internal (9015/B) Type linear. Material:PC, colour:black.		Black	81058
	Junction - Right black T junction - internal (9016/B) Type linear. Material:PC, colour:black.		Black	81061

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Pound Shaper_distance | Projectors | Accessories
76667N66

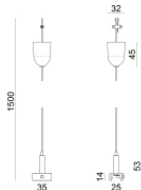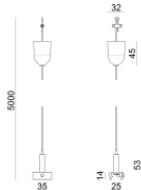|			**Code**
	Suspensions - 1.5m white pendant luminaires kit (9000-KIT3-1,5-W) Material:plastic, colour:white.		81006
	Suspensions - 5m white pendant luminaires kit (9000-KIT3-5-W) Material:plastic, colour:white.		81007
	Suspensions - 1.5m black pendant luminaires kit (9000-KIT3-1,5-B) Material:plastic, colour:black.		81008
	Suspensions - 5m black pendant luminaires kit (9000-KIT3-5-B) Material:plastic, colour:black.		81009
	Suspensions - White rigid suspension clip (S-9000-P2-W) Material:plastic, colour:white.		81018
	Suspensions - Black rigid suspension clip (S-9000-P2-B) Material:plastic, colour:black.		81019
	Suspensions - White rigid suspension 1m (S-9000-P3-W) Material:plastic, colour:white.		81021
	Suspensions - Black rigid suspension 1m (S-9000-P3-B) Material:plastic, colour:black.		81022

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Pound Shaper_distance | Projectors | Accessories
76667N66

		Code
	Cable cover - White recessed cover (S-9001-R/6-W) Material:PC, colour:white.	81069
	Cable cover - White cover for recessed junction (S-9010-R/6-W) Material:PC, colour:white.	81072
	Cable cover - White cover for recessed L junction (S-9011-R/6-W) Material:PC, colour:white.	81075
	Cable cover - White cover for recessed T junction (S-9013-R/6-W) Material:PC, colour:white.	81078
	Cable cover - White cover for recessed X junction (S-9017-R/6-W) Material:PC, colour:white.	81081
	Cable cover - Black recessed cover (S-9001-R/6-B) Material:PC, colour:black.	81070
	Cable cover - Black cover for recessed junction (S-9010-R/6-B) Material:PC, colour:black.	81073
	Cable cover Material:PC, colour:black.	81076

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Pound Shaper_distance | Projectors | Accessories
76667N66

		Cable cover - Black cover for recessed T junction (S-9013-R/6-B) Material:PC, colour:black.	**Code** 81079	
		Cable cover - Black cover for recessed X junction (S-9017-R/6-B) Material:PC, colour:black.	**Code** 81082	
		Cable cover Material:white.	**Code** 83249	
		Cable cover Material:black, colour:black.	**Code** 83250	
		White three-phase/DALI adapter (9009/W)	**Code** 81094	
		White three-phase adapter (9009-4/W)	**Code** 81091	
		Black three-phase/DALI adapter (9009/B)	**Code** 81095	
		Black trhee-phase adapter (9009-4/B)	**Code** 81093	

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Pound Shaper_distance

Pound Shaper_distance | Projectors | Accessories
76667N66

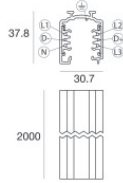|			Finish	Code
	Tool - Cutter S-9000/T			81005

| | 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. | | **Finish**
White | **Code**
80990 |

| | 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. | | **Finish**
White | **Code**
80991 |

| | 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. | | **Finish**
White | **Code**
80992 |

| | 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. | | **Finish**
Black | **Code**
80993 |

| | 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. | | **Finish**
Black | **Code**
80994 |

| | 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. | | **Finish**
Black | **Code**
80995 |

| | Track
Length: 1000mm; Type of track: Standard.
Material:Aluminium, colour:White, processing:Coating. | | **Finish**
White | **Code**
83336 |

Pound Shaper_distance

Pound Shaper_distance | Projectors | Accessories
76667N66

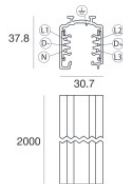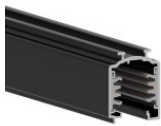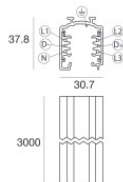|			Finish	Code
	37.8 / 30.7 / 2000	**Track** Length: 2000mm; Type of track: Standard. Material:Aluminium, colour:White, processing:Coating.	**Finish** White	**Code** 83337
	37.8 / 30.7 / 3000	**Track** Length: 3000mm; Type of track: Standard. Material:Aluminium, colour:White, processing:Coating.	**Finish** White	**Code** 83338
	37.8 / 30.7 / 1000	**Track** Length: 1000mm; Type of track: Standard. Material:Aluminium, colour:Black, processing:Coating.	**Finish** Black	**Code** 83339
	37.8 / 30.7 / 2000	**Track** Length: 2000mm; Type of track: Standard. Material:Aluminium, colour:Black, processing:Coating.	**Finish** Black	**Code** 83340
	37.8 / 30.7 / 3000	**Track** Length: 3000mm; Type of track: Standard. Material:Aluminium, colour:Black, processing:Coating.	**Finish** Black	**Code** 83341

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