Pound Shaper_distance

Projectors | 176-264 V
1 arrayLED 27 W DC - 30 W AC | CRI 98
82114M66
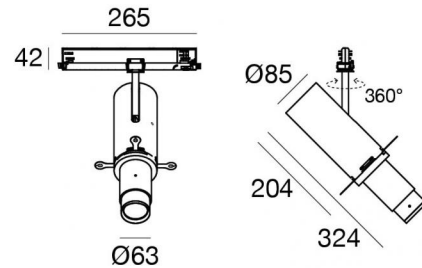
Technical data

Type	Track
Installation position	Ceiling
Installation environment	Indoor
Light Source	LED
Circuit structure	arrayLED
Optics	Shaper Long Distance
Light emission direction	frontal
Nominal power	27 W DC
Total Power	30 W
Source lumens	3658 lm
Nominal input voltage	220 - 240 V AC
Input voltage range	176 - 264 V AC
Frequency	50 - 60 Hz
CCT / Tone	2700 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	DALI-2 - PUSH DIM
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	1.45 Kg
Electrostatic discharge protection	Yes
Surge protection	2 KV

Finishing casing

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

265
42
Ø85
360°
204
324
Ø63

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Projectors | 176-264 V | 1 arrayLED 27 W DC - 30 W AC | CRI 98 | Base
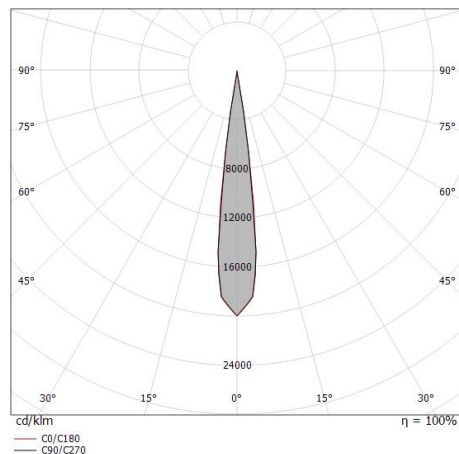**82114M66**

Single emission projectors for indoor application. The super warm white LED light source with a shaper long distance light distribution is composed of 1 arrayled LEDs with CCT of 2700 K and a CRI 98; the source luminous flux is 3658 lm, with a 135.5 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 1.45 kg.

The total absorbed power is 30 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

Light Output Ratio (LOR)	8 %
Source lumens	3658 lm
Delivered lumens	315 lm
Consumption	30 W
Luminaire efficacy	10 lm/W
Colour temperature	2700 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	-5.8
UGR transversal	-5.8
X=4H | Y=8H	S=0.25H
Reflection factor	70/50/20

OPTICAL

C0/C180 optics	14°
Light distribution simmetry	Symmetrical
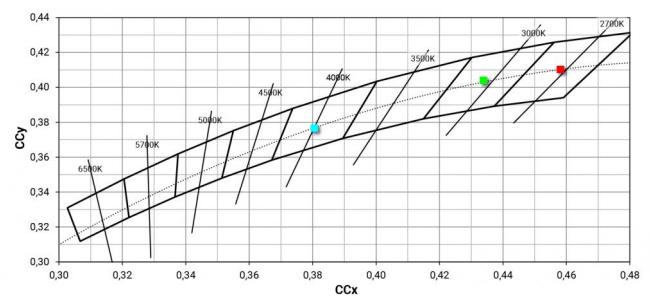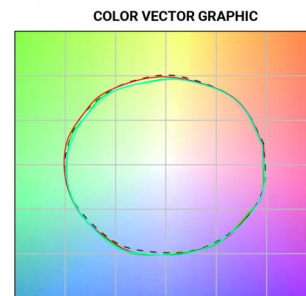
cd/klm
η = 100%
— C0/C180
— C90/C270

Distance [m]	Cone diameter [m]		Illuminance [lx]		
0.5	0.12 0.13	E(0°) E(C90) E(C0)	7.1° 7.2°	25199 12746 12332
1.0	0.25 0.25	E(0°) E(C90) E(C0)	7.1° 7.2°	6300 3186 3083
1.5	0.37 0.38	E(0°) E(C90) E(C0)	7.1° 7.2°	2800 1416 1370
2.0	0.50 0.51	E(0°) E(C90) E(C0)	7.1° 7.2°	1575 797 771
2.5	0.62 0.63	E(0°) E(C90) E(C0)	7.1° 7.2°	1008 510 493
3.0	0.75 0.76	E(0°) E(C90) E(C0)	7.1° 7.2°	700 354 343

— C0/C180 (Half-peak divergence: 14.4°)
— C90/C270 (Half-peak divergence: 14.2°)

COLOR VECTOR GRAPHIC

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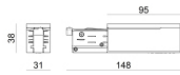
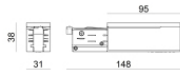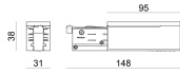|			**Code**
		Power supply - White Right power supply header (9001/W) Material:PC, colour:white.	81033
		Power supply - White left power supply header (9002/W) Material:PC, colour:white.	81036
		Power supply - Black left power supply header (9002/B) Material:PC, colour:black.	81037
		Power supply - Black Right power supply header (9001/B) Material:PC, colour:black.	81034
		Closing cap - White end cap 9004/W Material:PC, colour:white.	80999
		Closing cap - Black end cap 9004/B Material:PC, colour:black.	81000
		Closing cap - Recessed white end cap 9004-R/W Material:PC, colour:white.	81002
		Closing cap - Recessed black end cap 9004-R/B Material:PC, colour:black.	81003
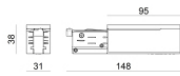
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				Code
		Closing cap - White gasket (S-9001/115-W) Material:white.		81084
		Closing cap - Black gasket (S-9001/115-B) Material:black, colour:black.		81085
		Ceiling rose - 1.5m white pendant luminaires kit + bracket (9000-KIT5-1,5-W) Material:plastic, colour:white.		81012
		Ceiling rose - 1.5m black pendant luminaires kit + bracket ((9000-KIT5-1,5-B) Material:plastic, colour:black.		81014
		Ceiling rose - 5m white pendant luminaires kit + bracket (9000-KIT5-5-W) Material:plastic, colour:white.		81013
		Ceiling rose - 5m black pendant luminaires kit + bracket (9000-KIT5-5-B) Material:plastic, colour:black.		81015

			Finish	**Code**
		Bracket - Anodized fixing bracket (S-9000/131) L=35mm, H=14mm, D=24mm. Material:Aluminium, colour:translucent.	Anod. Al.	81086
		Bracket - Anodized stiffening bracket (S-9000/333) L=180mm, H=24mm, D=26mm. Material:Aluminium, colour:Anodised Aluminum, processing:Anodisation.		81024

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			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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			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

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

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

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

		Finish	Code
Junction - Black left T junction - external (9013/B)	Type linear. Material:PC, colour:black.	Black	81052

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

		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

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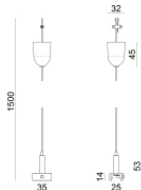**82114M66**

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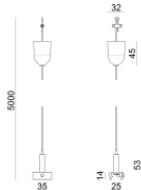
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	Cable cover - White recessed cover (S-9001-R/6-W) Material:PC, colour:white.		**Code** 81069
	Cable cover - White cover for recessed junction (S-9010-R/6-W) Material:PC, colour:white.		**Code** 81072
	Cable cover - White cover for recessed L junction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

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

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				Code
	Tool - Cutter S-9000/T			81005

				Code
	Tool - Gobo holder Material:Aluminium, colour:black, processing:Anodisation.			99853

			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

			Finish	**Code**
	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

			Finish	**Code**
	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

			Finish	**Code**
	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

			Finish	**Code**
	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

			Finish	**Code**
	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

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			Finish	Code
		Track Length: 1000mm; Type of track: Standard. Material:Aluminium, colour:White, processing:Coating.	White	83336
		Track Length: 2000mm; Type of track: Standard. Material:Aluminium, colour:White, processing:Coating.	White	83337
		Track Length: 3000mm; Type of track: Standard. Material:Aluminium, colour:White, processing:Coating.	White	83338
		Track Length: 1000mm; Type of track: Standard. Material:Aluminium, colour:Black, processing:Coating.	Black	83339
		Track Length: 2000mm; Type of track: Standard. Material:Aluminium, colour:Black, processing:Coating.	Black	83340
		Track Length: 3000mm; Type of track: Standard. Material:Aluminium, colour:Black, processing:Coating.	Black	83341
		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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