Quickinfo

3000 K, 4000 K
CRI ≥ 95, 2 SDCM
POTI, DALI

L85 @ 50 000 h
PABLO basic up to 87 lm/W
PABLO focus up to 69 lm/W

L90 @ 50 000 h
PABLO shutter / iris up to 18 lm/W

Types

basic	focus
ø 70 — 98	ø 70 — 106

shutter	iris	gobo
ø 70	ø 70	ø 70 — 156

Colours

○ ●

Light distributions

PABLO basic

super spot spot med. flood wide flood wall

PABLO focus

adjust-able

GERMAN DESIGN AWARD 2017

iF DESIGN AWARD 2017

PABLO basic / focus

track

EN Track light made of die-cast aluminium; powder coated; converter in spotlight housing; COB (Chip on Board) technology – maximum efficiency; no multiple shadows; energy-eff. LEDs – very good colour rendering; PABLO basic: sym./asym. radiation characteristic; PABLO focus: object focusing through adjustable lens; adjustable beam angle; PABLO shutter / iris: contour spotlight for rectangular or round shape – adjustment by 4 shading elements / by iris-shaped shade; toolless insertion or movement on a variety of 3-phase power tracks; adapter fixation optionally without tools by means of knurled screw or set screw (screwdriver required); point outlet, either in surface mounted housing or recessed housing, as an accessory

DE Stromschienenstrahler aus Aluminium-druckguss; pulverbeschichtet; Konverter im Strahlergehäuse; COB (Chip on Board) Technologie – höchste Effizienz; keine Mehr-fachschatten; energieeff. LEDs – sehr gute Farbwiedergabe; PABLO basic: sym./asym. strahlend; PABLO focus: Objekt-Fokussierung durch justierbare Linse; Ausstrahlwinkel ein-stellbar; PABLO shutter / iris: Konturstrahler für rechteckige / runde Formgebung – Ein-stellung durch 4 Abschattelemente / durch irisförmige Abschatter; werkzeugloses Ein-setzen bzw. Verschieben in versch. 3-Phasen Stromschienen; Adapter-Fixierung wahlweise werkzeuglos mittels Rändel- oder Feststell-schraube (Schraubendreher erforderlich); Punktauslass, wahlw. in Anbaugehäuse bzw. Einbaugehäuse, als Zubehör

Data Monitoring

DiiA® standards 251, 252, 253

360° rotatable 310° tiltable

DIM POTI / rotation lock

shutter / iris / gobo

Order options

ADAPTER FIXATION ⬡
tool-free fixation	2
set screw (tool required)	1

COLOUR TEMPERATURE ⠿
3000 K	0
4000 K	1

CONTROL ⬍
DIM POTI	8
DALI	3

MATERIAL COLOUR ◨
◯ traffic white RAL 9016	7
● jet black RAL 9005	8

REFLECTOR ▲
super spot 6° (only for 10.9 W)	V
spot 12°	S
medium 24°	M
flood 39°	F
wide flood 58°	W
wallwasher	A

Options on request

REFLECTOR
oval flood

PABLO basic

		CRI ≥95	2-SDCM	DALI 1 ADDR.	220-240V	X-PERT	X-PERT
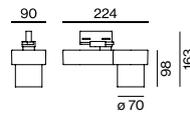
TRACK LIGHT

SYS. POWER	COLOUR TEMPERATURE	LUMINOUS FLUX	ORDER CODE
10.9 W	3000 K (CRI ≥90)	614 lm	180-5100 5 ⬍◨V
(3-SDCM)	4000 K (CRI ≥90)	660 lm	180-5100 6 ⬍◨V
13.9 W	3000 K	986 lm	180-5100 ⠿ ⬍◨▲
	4000 K	1080 lm	
22.9 W	3000 K	1460 lm	180-5101 ⠿ ⬍◨▲
	4000 K	1610 lm	

PABLO focus 17–47°

		CRI ≥95	2-SDCM	DALI 1 ADDR.	220-240V	X-PERT	X-PERT
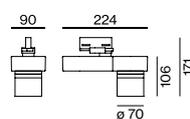
TRACK LIGHT

SYS. POWER	COLOUR TEMPERATURE	LUMINOUS FLUX	ORDER CODE
14 W	3000 K	785 lm	180-5200 ⠿ ⬍◨
	4000 K	862 lm	
23 W	3000 K	1170 lm	180-5201 ⠿ ⬍◨
	4000 K	1280 lm	

Optical accessories

SNOOT | HONEYCOMB LOUVER

TYPE	Ø·H (mm)	ORDER CODE
snoot	62·33	080-5900008
honeycomb louver	61·3	080-5900018

Mounting accessories

SURFACE HOUSING / POINT OUTLET

TYPE	ORDER CODE
surface housing / point outlet	186-07228◨

RECESSED HOUSING / POINT OUTLET
ceiling thickness: 1-30 mm

TYPE	ORDER CODE
recessed housing / point outlet	186-07227◨
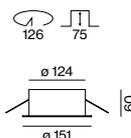
Light distribution
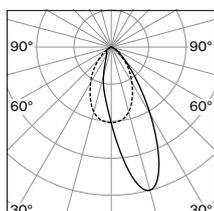
wallwasher

LUMINOUS FLUX value calculated for CRI ≥ 95, colour white, reflector spot

Order options

ADAPTER FIXATION ⬡

tool-free fixation	2
set screw (tool required)	1

COLOUR TEMPERATURE ⠿

3000 K	0
4000 K	1

CONTROL ⬍

DIM POTI	8
DALI	3

MATERIAL COLOUR ◥

○ traffic white RAL 9016	7
● jet black RAL 9005	8

PABLO shutter

90 224 156 221 ø 70

	360°	CRI	2-SDCM	DALI	220-240V	X-PERT	X-PERT
	310°	≥ 95		1 ADDR.			
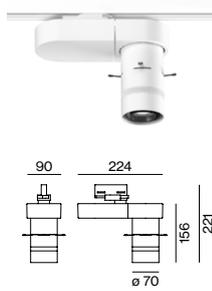
TRACK LIGHT

SYS. POWER	COLOUR TEMP.	LUMINOUS INTENSITY	ORDER CODE
14 W	3000 K	854 cd	1 8 0 - 5 3 ⬡ 0 ⠿ ⬍ ◥
	4000 K	934 cd	
23 W	3000 K	1266 cd	1 8 0 - 5 3 ⬡ 1 ⠿ ⬍ ◥
	4000 K	1389 cd	

illuminance (lux) = luminous intensity (cd) / distance (m)²

LIGHT DISTRIBUTION

possible shapes of illumination

PABLO iris

90 224 156 221 ø 70

	360°	CRI	2-SDCM	DALI	220-240V	X-PERT	X-PERT
	310°	≥ 95		1 ADDR.			
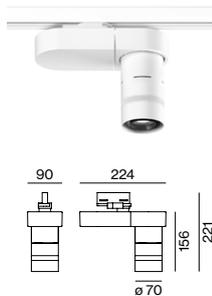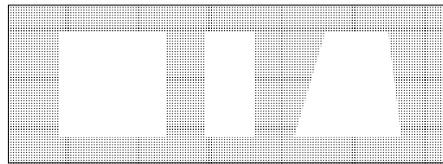
TRACK LIGHT

| SYS. POWER	COLOUR TEMP.	LUMINOUS INTENSITY	ORDER CODE
14 W	3000 K	873 cd	1 8 0 - 5 4 ⬡ 0 ⠿ ⬍ ◥
	4000 K	960 cd	
23 W	3000 K	1297 cd	1 8 0 - 5 4 ⬡ 1 ⠿ ⬍ ◥
	4000 K	1425 cd	

illuminance (lux) = luminous intensity (cd) / distance (m)²

LIGHT DISTRIBUTION

possible shapes of illumination
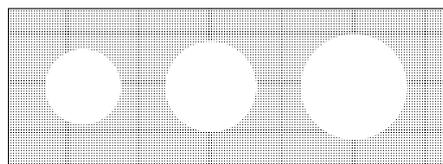
Illumination size

20°   A   H   ø
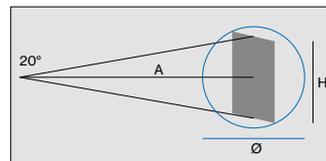
A (mm)	H (mm)	ø (mm)
1000	396	560
2000	792	1120
3000	1188	1680

Order options

MATERIAL COLOUR

○ traffic white	RAL 9016	7
● jet black	RAL 9005	8
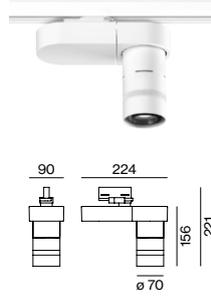
PABLO gobo

	↻ 360° ↻ 310°	CRI ≥ 95	2-SDCM	220-240V	X-PERT	X-PERT

TRACK LIGHT

SYS. POWER	LUMINOUS INTENSITY	ORDER CODE
14 W	depends on form	on request

LIGHT DISTRIBUTION

customised shapes of illumination possible
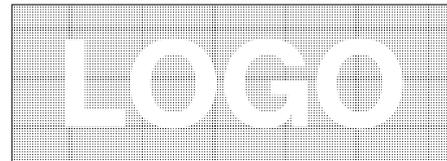
Mounting accessories

SURFACE HOUSING / POINT OUTLET

TYPE	ORDER CODE
surface housing / point outlet	186-07228

RECESSED HOUSING / POINT OUTLET

ceiling thickness: 1-30 mm

TYPE	ORDER CODE
recessed housing / point outlet	186-07227

XAL
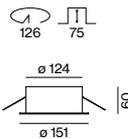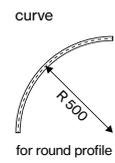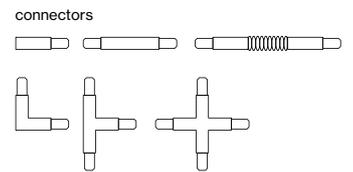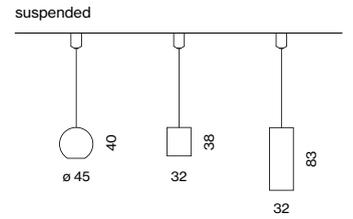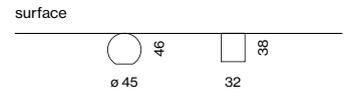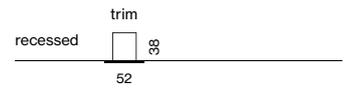
TRACK 3-phase
recessed / surface / suspended

Types

recessed

trim

38

52

surface

46

ø 45

38

32

suspended

40

ø 45

38

32

83

32

connectors

curve

R 500

for round profile

Colours

curve
connector

optimised adapter
integration

TRACK
recessed

Order options

CONTROL

non DIM

DALI-2

MATERIAL COLOUR

○ pure white RAL 9010   7

● jet black RAL 9005   8

Pole options

poles internal left   poles internal right

poles external left   poles external right

poles end feed left   poles end feed right

TRACK 3-phase / 3-phase + DALI-2-bus

DALI 1ADDR. | 220-240V | | CB | EAC

TRACK 240V-16A

L (mm)	ORDER CODE
2000	186-012213
3000	186-012313
4000	186-012413
end cap	186-022011
end feed left	186-022313
end feed right	186-022413
middle feed	186-021323

CONNECTORS 240V-16A

| TYPE	ORDER CODE
linear connector	186-021113
I-connector	186-022123
L-connector right	186-022133
L-connector left	186-022233
T-connector right (poles internal)	186-022143
T-connector left (poles internal)	186-022243
T-connector right (poles external)	186-022173
T-connector left (poles external)	186-022273
X-connector	186-022153

MOUNTING ACCESSORIES

TYPE	ORDER CODE
clip	186-0225110
cutting tool	186-0219110

TRACK
surface / suspended

Order options

CONTROL

non DIM	
DALI-2	

MATERIAL COLOUR

○ pure white RAL 9010	7
● white aluminium RAL 9006	6
● jet black RAL 9005	8

Pole options

poles internal left	poles internal right
poles external left	poles external right
poles end feed left	poles end feed right
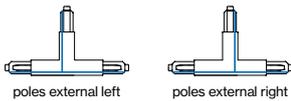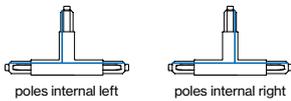
TRACK 3-phase / 3-phase + DALI-2-bus

TRACK 240V-16A

L (mm)	ORDER CODE
1000	186-011123
2000	186-011223
3000	186-011323
4000	186-011423
end cap	186-021011
end feed left	186-021313
end feed right	186-021413
middle feed*	186-021323

*only available in white and black

CONNECTORS 240V-16A

TYPE	ORDER CODE
linear connector	186-021113
I-connector	186-021123
L-connector right	186-021133
L-connector left	186-021233
T-connector right (poles internal)	186-021143
T-connector left (poles internal)	186-021243
T-connector right (poles external)	186-021173
T-connector left (poles external)	186-021273
X-connector	186-021153
adjustable corner connector	186-021163

MOUNTING ACCESSORIES

TYPE	ORDER CODE
ceiling clip	186-021511
pendant clip cable	186-021521
pendant clip rod	186-021541
joiner piece cable	186-021531
joiner piece rod	186-021551
cutting tool	186-0219110

SUSPENSION KIT

TYPE	ORDER CODE
pendant 1000	186-021611
cable 1500	186-0217110
cable 3000	186-0217210
cable 6200	186-0217310
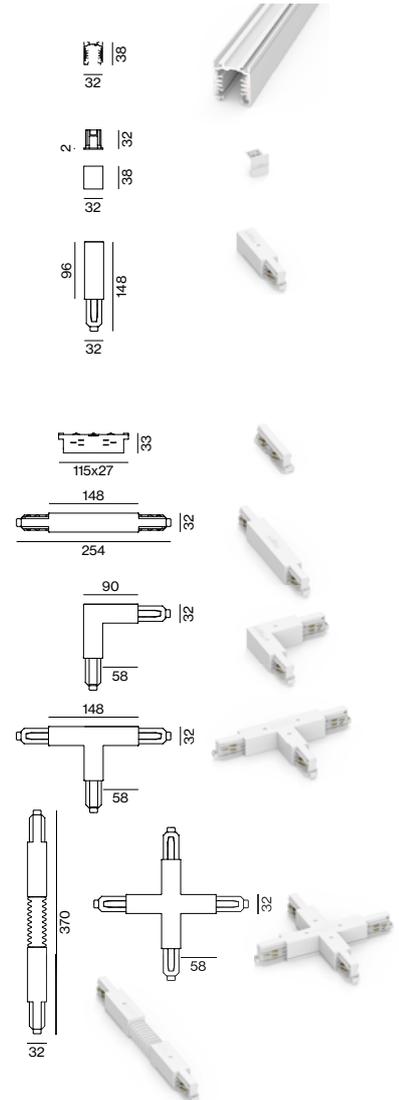
TRACK high
surface / suspended

Order options

CONTROL
non DIM	
DALI-2	

MATERIAL COLOUR ◪
|		
○ pure white RAL 9010		7
● jet black RAL 9005		8

Options on request

LIGHT OPTIC COVER
inset indirect

Pole options

poles internal left　　poles internal right
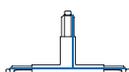
poles external left　　poles external right
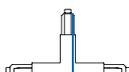
poles end feed left　　poles end feed right

TRACK high 3-phase / 3-phase + DALI-2-bus

[DALI 1ADDR.]　[220-240V]　[logo]　[CB]　[EAC]

TRACK 240V-16A

L (mm)	ORDER CODE
1000	186-016113◪
2000	186-016213◪
3000	186-016313◪
4000	186-016413◪
end cap	186-026011◪
end feed left	186-026313◪
end feed right	186-026413◪
middle feed	186-021323◪

CONNECTORS 240V-16A

TYPE	ORDER CODE
linear connector	186-026113◪
I-connector	186-026123◪
L-connector right	186-026133◪
L-connector left	186-026233◪
T-connector right (poles internal)	186-026143◪
T-connector left (poles internal)	186-026243◪
T-connector right (poles external)	186-026173◪
T-connector left (poles external)	186-026273◪
X-connector	186-026153◪

MOUNTING ACCESSORIES

TYPE	ORDER CODE
pendant clip cable	186-0265210
pendant sheet metal clip	186-0215220
pendant clip rod	186-0265410
joiner piece cable	186-0265310
joiner piece rod	186-0265510
cutting tool	186-0219110

SUSPENSION KIT

TYPE	ORDER CODE
pendant 1000	186-021611◪
cable 1500	186-0217110
cable 3000	186-0217210
cable 6200	186-0217310
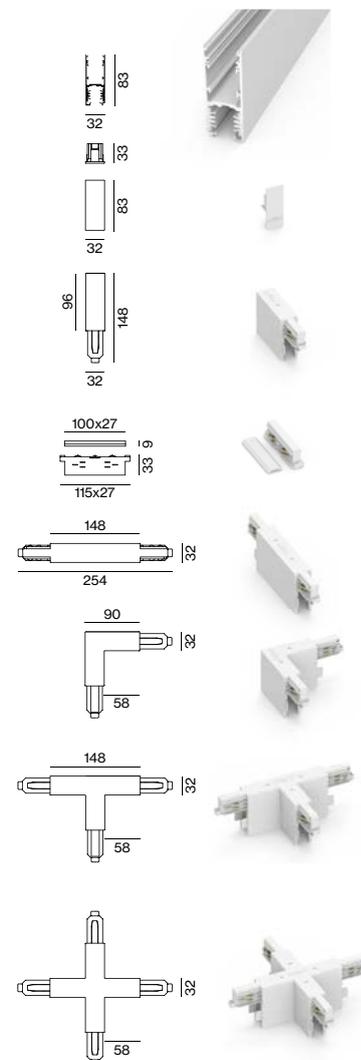
TRACK round
surface / suspended

Order options

CONTROL

non DIM
DALI-2

MATERIAL COLOUR ◪

○ pure white RAL 9010   7
● jet black RAL 9005   8

Options on request

CONNECTOR

T-connector
X-connector

TRACK round 3-phase / 3-phase + DALI-2-bus

| DALI 1ADDR. | 220-240V | | CB | EHC |

TRACK 240V-16A

L (mm)	ORDER CODE
1000	186-015113◪
2000	186-015213◪
3000	186-015313◪
4000	186-015413◪

ø 46 · 40

TRACK CURVE 240V-16A

TYPE	ORDER CODE
R 500 90° left	186-015853◪
R 500 90° right	186-015863◪

100 · R 500 · 100
poles right (outside)
poles left (inside)

end cap	186-025011◪

22 · 46 · 40
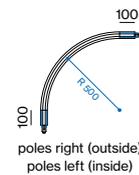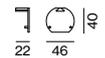
end feed left	186-025313◪
end feed right	186-025413◪
middle feed	186-021323◪

112 · 32

CONNECTORS 240V-16A

TYPE	ORDER CODE
linear connector	186-021113◪

33 · 115x27
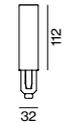
L-connector right	186-025133◪
L-connector left	186-025233◪

136 · 46 · 90
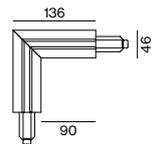
MOUNTING ACCESSORIES

TYPE	ORDER CODE
pendant clip cable	186-025521◪
pendant clip rod	186-025541◪

joiner piece cable	186-025531◪
joiner piece rod	186-025551◪

cutting tool	186-0219110

SUSPENSION KIT

TYPE	ORDER CODE
pendant 1000	186-021611■

cable 1500	186-0217110
cable 3000	186-0217210
cable 6200	186-0217310