

PABLO

basic/focus

xal.com/pablo



Quickinfo

GENERAL

track light
IP20

LED

COB LED module
up to 91lm/W
3000 K, 4000 K
CRI ≥ 90
Binning initial ≤ 2 MacAdam

ESTIMATED LED LIFETIME

L80 / 50000 h

OPTICAL BASIC

direct illumination
beam angle 6, 12, 24, 39, 58°, asym.
beam angle (focus) 17–47°

ELECTRICAL

non DIM, DIM DALI

PHYSICAL

aluminium
powder-coated

Description

DE Stromschiennenstrahler aus Aluminiumdruckguss; Oberfläche weiß oder schwarz pulverbeschichtet; 342° dreh- und 310° schwenkbar; Konverter im Strahlergehäuse aus Aluminium verbaut; mit COB (Chip on Board) Technologie für höchste Effizienz; keine Bildung von Mehrfachschatten; energieeffiziente LEDs mit sehr guter Farbwiedergabe; Binning initial ≤ 2 MacAdam; lieferbar in den Lichtfarben 3000 K und 4000 K; CRI ≥ 90; min. 80 % des Lichtstromes nach 50000 h Lebensdauer; PABLO basic: hochwertiger Aluminiumreflektor mit sphärischer Facettenoptik; hochglänzend eloxiert; präzise Abstrahlcharakteristik mit fünf verschiedenen Ausstrahlwinkeln oder einer asymmetrischen Lichtverteilung; werkzeuglos einsetz- bzw. austauschbar; PABLO focus: inkl. hochwertiger plan-konvexer Glaslinse; exakte Objekt-Fokussierung durch justierbare Linse; Ausstrahlwinkel von 17-47° einstellbar; Fokussierung mittels gummiertem Verstellring am Strahlerkopf; Schutzart IP20; SK I; Adapter für werkzeugloses Einsetzen bzw. Verschieben in verschiedenen 3 Phasen Stromschiennen; optional DALI-dimmbar

EN Track light made of die-cast aluminium; surface powder coated in white or black; 342° rotatable and 310° tiltable; Converter installed in aluminium spotlight housing; COB (Chip on Board) technology for maximum efficiency; no multiple shadows; energy-efficient LEDs with very good colour rendering; binning initial ≤ 2 MacAdam; available in the light colours 3000 K and 4000 K; CRI ≥ 90; min. 80 % of the luminous flux after 50000 hours; PABLO basic: high quality aluminium reflector with spherical facet finish; high-gloss anodised; precise light distribution with five different beam angles or asymmetrical light distribution; installed and exchanged without tools; PABLO focus: incl. high quality plano-convex glass lens; precise object focusing through adjustable lens; adjustable beam angle of 17-47°; focusing by means of rubberised adjusting ring on the spotlight head; protection class IP20; PC I; adapter for toolless insertion or movement on a variety of 3-phase power tracks; optional DALI dimmable

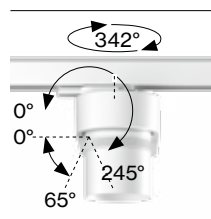
Features



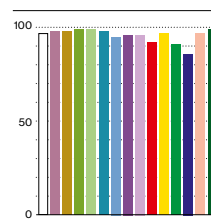
adjustable beam angle 17–47°
(PABLO focus)



asymmetric illumination



342° rotatable and 245°/65° tiltable



CRI ≥ 90 (R9 > 90)
≤ 2 step MacAdam

Standard configuration

COLOUR TEMPERATURE ⬢
3000K 5

CONTROL ⬢
non DIM 1

MATERIAL COLOUR ▣
white 7



REFLECTOR ▲
flood 39° F

Extended configuration

COLOUR TEMPERATURE ⬢
4000K 6

CONTROL ⬢
DIM DALI 3

MATERIAL COLOUR ▣
black 8



+5% surcharges

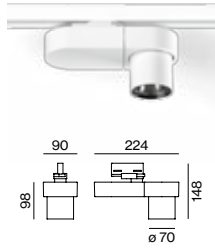
REFLECTOR ▲

super spot 6° (only for 11W)	V
spot 12°	S
medium 24°	M
wide flood 58°	W
wallwasher	A

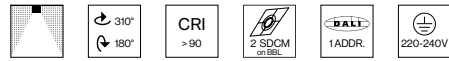
Options on request

REFLECTOR

oval flood	
------------	--



PABLO basic



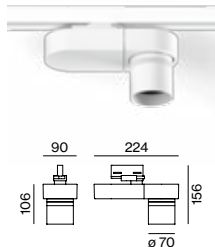
SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
11 W	3000K	620lm	0 8 0 - 5 1 1 0 ⬢ ⬢ ▣ V
14 W	3000K	1190lm	0 8 0 - 5 1 1 0 ⬢ ⬢ ▣ ▲
26 W	3000K	1950lm	0 8 0 - 5 1 1 1 ⬢ ⬢ ▣ ▲
	4000K	2080lm	

luminous flux spot 12°

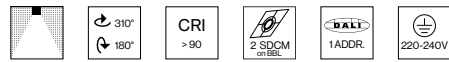
LIGHT DISTRIBUTION for 26W, 3000K

super spot 6°			spot 12°			medium 24°		
h (m)	E (lx)	ø (m)	h (m)	E (lx)	ø (m)	h (m)	E (lx)	ø (m)
1	42903	ø0,10	1	23958	ø0,20	1	7827	ø0,42
2	10725	ø0,21	2	5989	ø0,40	2	1956	ø0,84
3	4767	ø0,31	3	2662	ø0,60	3	869	ø1,27
4	2681	ø0,41	4	1497	ø0,81	4	489	ø1,69
5	1716	ø0,51	5	958	ø1,01	5	313	ø2,11

flood 39°			wide flood 58°			wallwasher		
h (m)	E (lx)	ø (m)	h (m)	E (lx)	ø (m)	h (m)	E (lx)	ø (m)
1	3627	ø0,70	1	2223	ø1,12	1	1163	ø1,18
2	906	ø1,41	2	555	ø2,24	2	290	ø2,36
3	403	ø2,11	3	247	ø3,35	3	129	ø3,54
4	226	ø2,82	4	138	ø4,47	4	72	ø4,72
5	145	ø3,52	5	88	ø5,59	5	46	ø5,90



PABLO focus



SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
14 W	3000K	890lm	0 8 0 - 5 2 1 0 ⬢ ⬢ ▣ ▲
23 W	3000K	1260lm	0 8 0 - 5 2 1 1 ⬢ ⬢ ▣ ▲
	4000K	1360lm	

LIGHT DISTRIBUTION for 23W, 3000K

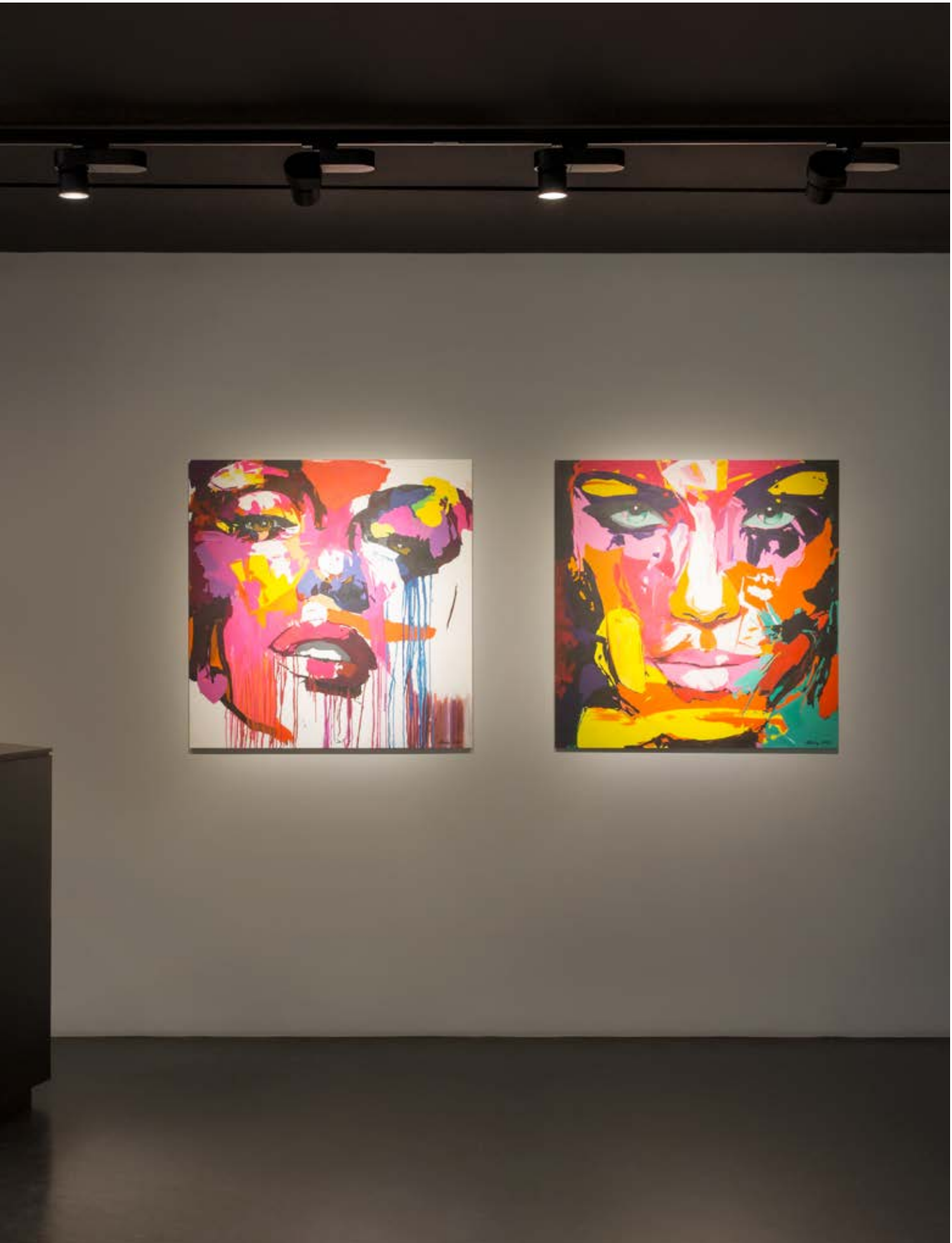
min. angle 17°			max. angle 47°		
h (m)	E (lx)	ø (m)	h (m)	E (lx)	ø (m)
1	5316	ø0,30	1	2187	ø0,87
2	1329	ø0,60	2	546	ø1,74
3	590	ø0,89	3	243	ø2,60
4	332	ø1,19	4	136	ø3,47
5	212	ø1,49	5	87	ø4,34

Inspiration

Private Gallery
Graz, Austria

PRODUCT
TRACK 3-phase surface
PABLO focus





PABLO

shutter/ iris/ gobo

xal.com/pablo



Quickinfo

GENERAL

track light
IP20

LED

COB LED module
up to 1463 cd
3000 K, 4000 K
CRI \geq 90
Binning initial \leq 2 MacAdam

ESTIMATED LED LIFETIME

L80 / 50000 h

OPTICAL

direct illumination
form illumination

ELECTRICAL

non DIM, DIM DALI

PHYSICAL

aluminium
powder-coated

Description

DE Stromschienenstrahler aus Aluminiumdruckguss; Oberfläche weiß oder schwarz pulverbeschichtet; 342° dreh- und 310° schwenkbar; Konverter im Strahlergehäuse aus Aluminium verbaut; mit COB (Chip on Board) Technologie für höchste Effizienz; keine Bildung von Mehrfachschatten; energieeffiziente LEDs mit sehr guter Farbwiedergabe; Binning initial \leq 2 MacAdam; lieferbar in den Lichtfarben 3000 K und 4000 K; CRI \geq 90; min. 80% des Lichtstromes nach 50000 h Lebensdauer; Konturstrahler für exakte rechteckige oder runde Formgebung; einfache Einstellung durch 4 Abschattenelemente oder durch irisförmige Abschatter aus Edelstahl; inkl. hochwertiger bikonvexer Glaslinse; scharfe Objekt-Fokussierung durch justierbare Linse; Fokussierung mittels gummiertem Verstellring am Strahlerkopf; Schutzart IP20; SK I; Adapter für werkzeugloses Einsetzen bzw. Verschieben in verschiedenen 3 Phasen Stromschienen; optional DALI-dimmbar

EN Track light made of die-cast aluminium; surface powder coated in white or black; 342° rotatable and 310° tiltable; Converter installed in aluminium spotlight housing; COB (Chip on Board) technology for maximum efficiency; no multiple shadows; energy-efficient LEDs with very good colour rendering; binning initial \leq 2 MacAdam; available in the light colours 3000K and 4000 K; CRI \geq 90; min. 80% of the luminous flux after 50000 hours; contour spotlight for precise rectangular or round shape; easy adjustment by 4 shading elements or by iris-shaped shade made of stainless steel; incl. high quality bi-convex glass lens; sharp object focusing through adjustable lens; focus using rubber adjustment ring on spotlight head; protection class IP20; PC I; adapter for toolless insertion or movement on a variety of 3-phase power tracks; optional DALI dimmable

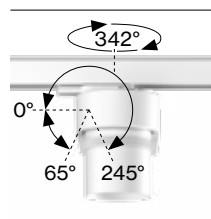
Features



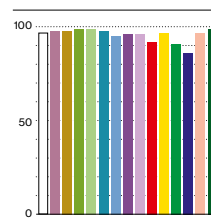
shutter element
(PABLO shutter)



adjustable lens



342° rotatable and
245°/65° tiltable



CRI \geq 90 (R9 > 90)
 \leq 2 step MacAdam

Standard configuration

COLOUR TEMPERATURE ⋮
3000 K 5

CONTROL ⬆
non DIM 1

MATERIAL COLOUR ☑
white 7



Extended configuration

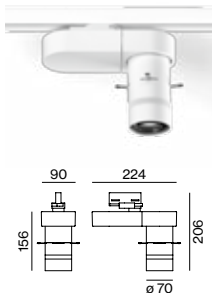
COLOUR TEMPERATURE ⋮
4000 K 6

CONTROL ⬆
DIM DALI 3

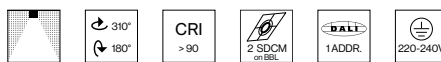
MATERIAL COLOUR ☑
black 8



+5% surcharges



PABLO shutter



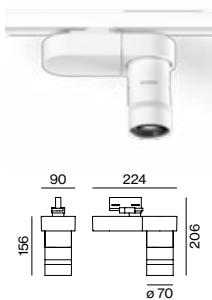
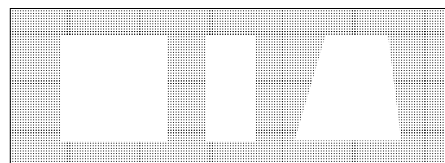
SYSTEM POWER	COLOUR TEMP.	LUM. INTENSITY	ORDER CODE
14 W	3000 K	823 cd	0 8 0 - 5 3 1 0 ⋮ ☑
	4000 K	883 cd	
23 W	3000 K	1197 cd	0 8 0 - 5 3 1 1 ⋮ ☑
	4000 K	1284 cd	

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

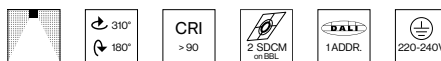
LIGHT DISTRIBUTION for 23W, 3000K

adjustable possible forms of illumination

h (m)	E (lx)	ø (m)
1	1196	ø0,56
2	299	ø1,12
3	132	ø1,68
4	74	ø2,24
5	47	ø2,79



PABLO iris



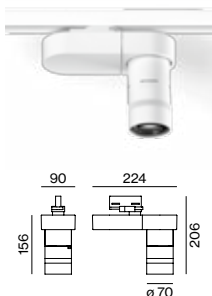
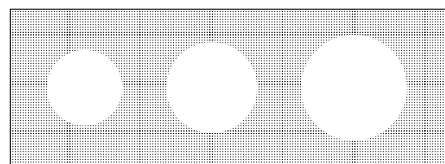
SYSTEM POWER	COLOUR TEMP.	LUM. INTENSITY	ORDER CODE
14 W	3000 K	937 cd	0 8 0 - 5 4 1 0 ⋮ ☑
	4000 K	1006 cd	
23 W	3000 K	1363 cd	0 8 0 - 5 4 1 1 ⋮ ☑
	4000 K	1463 cd	

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

LIGHT DISTRIBUTION for 23W, 3000K

adjustable possible forms of illumination

h (m)	E (lx)	ø (m)
1	1363	ø0,57
2	340	ø1,12
3	151	ø1,70
4	85	ø2,26
5	54	ø2,83



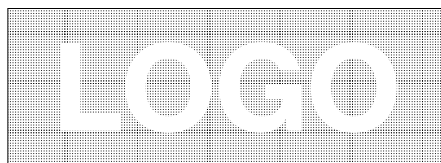
PABLO gobo



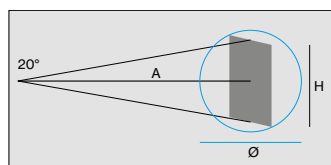
SYSTEM POWER	COLOUR TEMP.	LUM. INTENSITY	ORDER CODE
14 W	3000 K	-	on request
	4000 K	-	

LIGHT DISTRIBUTION

possible forms of illumination



Illumination size



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

Inspiration

Gallery Ursula Stross
Graz, Austria

PRODUCT
TRACK 3-phase suspended
PABLO iris
PABLO shutter



