



WEVER & DUCRÉ
LIGHTING

SQUBE

on track 1.0 LED

144164B4

Project	
Type	
Notes	
Quantity	
Date	

GENERAL

Ceiling	
Track	
Jet Black	
IP20	
Interior	
430 lm	
RAL 9005 ^a	

LED

3000 K	
CRI 80	
L70 / 50000 h	
3-step binning	

OPTICAL

Beam angle 39°	
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PHYSICAL

Diameter 55 mm	
Height 77 mm	
0.36 kg	
75 (adapter) mm	
1-Phase	
Tilt min 90°	
Tilt max 90°	
Rotation 355°	

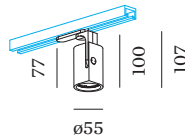
ELECTRICAL

phase-cut dim	
220 - 240 V	
Total connected power 7.9 W	
PC1	
Safety distance 0.3 m	

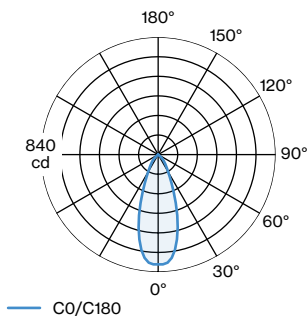
^a RAL Palette colors may deviate slightly due to production conditions.



Spotlight made from die-cast aluminium for 1-Phase tracks; surface Jet Black; powder coated; matt texture; RAL 9005; inner ring black; with COB (Chip on Board) technology for maximum efficiency; no appearance of multiple shadows; phase-cut dim; light colour 3000 K; Binning initial 3 MacAdam; CRI 80; 220 - 240 V; beam angle 39°; spotlight head 355° rotatable and 90° tiltable; degree of protection IP20; PC1; 1-phase GLOBAL track adapter included; light source not replaceable;



LIGHT DISTRIBUTION



[144164B4] The technical data represent rated values for an ambient temperature of 25°C. The data values for the luminous flux are initially subject to a tolerance of +/- 10%, those for the electrical connected load are initially subject to a tolerance of +/- 10%, and those for the colour temperature are initially subject to a tolerance of +/- 150 K. No liability is assumed for typographical or printing errors. The general terms and conditions of Wever & Ducré BVBA apply.
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CONE DIAGRAM

39°

h (m)	E0° (lx)	ø (m)
1	785	0.70
2	196	1.40
3	87	2.10
4	49	2.80
5	31	3.50

Maintenance Factors

Operating Time [h]	10 000	20 000	30 000	40 000	50 000
LLMF	0.95	0.9	0.85	0.8	0.76
LSF	1	1	1	1	1

MF	LMF × RSMF × LLMF × LSF	RSMF ^a	Room Surface Maintenance Factor
MF	Maintenance Factor	LLMF	Lamp Lumens Maintenance Factor
LMF ^a	Luminaire Maintenance Factor	LSF	Lamp Survival Faktor

^a According to "CIE 97, Maintenance of indoor electric lighting systems", 2005, ISBN 3-900-734-34-8. The values must be determined by the planner.

Electrical

DIMMER

TYPE	COLOUR	L · W · H (MM)	ORDERCODE
DIMMER FOR SWITCH	Black	18-48-46	9 0 0 1 9 0 1 7
DIMMER DIN RAIL	White	55-17-90	9 0 0 1 9 0 1 8

Track Profile 1m

TYPE	COLOUR	L · W · H (MM)	ORDERCODE
1-phase track surface/suspended	White	1000-30-20	9 0 0 1 4 0 0 1
1-phase track surface/suspended	Black	1000-30-20	9 0 0 1 4 0 0 7
1-phase track recessed	White	1000-50-20	9 0 0 1 4 1 1 8
1-phase track recessed	Black	1000-50-20	9 0 0 1 4 1 1 9

Track Profile 2m

TYPE	COLOUR	L · W · H (MM)	ORDERCODE
1-phase track surface/suspended	White	2000-30-20	9 0 0 1 4 0 0 2
1-phase track surface/suspended	Black	2000-30-20	9 0 0 1 4 0 0 8
1-phase track recessed	White	2000-50-20	9 0 0 1 4 1 2 0
1-phase track recessed	Black	2000-50-20	9 0 0 1 4 1 2 1



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Track Profile 3m

TYPE	COLOUR	L · W · H (MM)	ORDERCODE
1-phase track surface/suspended	White	3000-30-20	9 0 0 1 4 0 0 3
1-phase track surface/suspended	Black	3000-30-20	9 0 0 1 4 0 0 9
1-phase track recessed	White	3000-50-20	9 0 0 1 4 1 2 2
1-phase track recessed	Black	3000-50-20	9 0 0 1 4 1 2 3

T-Connector

TYPE	COLOUR	ORDERCODE
1-phase track	White	9 0 0 1 4 0 1 0
1-phase track	Black	9 0 0 1 4 0 1 1
1-phase track	White	9 0 0 1 4 0 1 2
1-phase track	Black	9 0 0 1 4 0 1 3
1-phase track	White	9 0 0 1 4 0 1 4
1-phase track	Black	9 0 0 1 4 0 1 5
1-phase track	White	9 0 0 1 4 0 1 6
1-phase track	Black	9 0 0 1 4 0 1 7

End Feed | left

TYPE	COLOUR	L · W · H (MM)	ORDERCODE
1-phase track	White	88-30-20	9 0 0 1 4 0 1 8
1-phase track	Black	88-30-20	9 0 0 1 4 0 1 9

End Feed | right

TYPE	COLOUR	L · W · H (MM)	ORDERCODE
1-phase track	White	88-30-20	9 0 0 1 4 0 2 0
1-phase track	Black	88-30-20	9 0 0 1 4 0 2 1

Connector

TYPE	COLOUR	L · H (MM)	ORDERCODE
1-phase track straight	White	65-17	9 0 0 1 4 0 2 2
1-phase track straight	Black	65-17	9 0 0 1 4 0 2 3

L-Feed

TYPE	COLOUR	L · W · H (MM)	ORDERCODE
1-phase track left	White	88-55-20	9 0 0 1 4 0 2 4
1-phase track left	Black	88-55-20	9 0 0 1 4 0 2 5
1-phase track right	White	88-55-20	9 0 0 1 4 0 2 6
1-phase track right	Black	88-55-20	9 0 0 1 4 0 2 7

End Cap

TYPE	COLOUR	L · W · H (MM)	ORDERCODE
1-phase track Left/Right	White	24-30-20	9 0 0 1 4 0 2 8
1-phase track Left/Right	Black	24-30-20	9 0 0 1 4 0 2 9

Middle Feed

TYPE	COLOUR	L · W · H (MM)	ORDERCODE
1-phase track straight	White	145-30-20	9 0 0 1 4 0 3 6
1-phase track straight	Black	145-30-20	9 0 0 1 4 0 3 7

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Flexible Corner

TYPE	COLOUR	ORDERCODE
1-phase track	Black	9 0 0 1 4 0 4 1
1-phase track	White	9 0 0 1 4 0 4 2



Track Adapter

TYPE	COLOUR	ORDERCODE
1-phase track	Black	9 0 0 1 4 0 4 3
1-phase track	White	9 0 0 1 4 0 4 4
1-phase track	White	9 0 0 1 4 2 7 7
1-phase track	Black	9 0 0 1 4 2 7 8

Mounting Bracket

TYPE	L · W · H (MM)	ORDERCODE
1-phase track recessed	38 · 37 · 21	9 0 0 1 4 1 0 0

Suspension Set 1.5m

TYPE	COLOUR	ORDERCODE
1-phase track suspended	White	9 0 0 1 4 1 0 1
1-phase track suspended	Black	9 0 0 1 4 1 0 2

Suspension Set 3.0m

TYPE	COLOUR	ORDERCODE
1-phase track suspended	White	9 0 0 1 4 1 0 3
1-phase track suspended	Black	9 0 0 1 4 1 0 4

Coverplate End Feed

TYPE	COLOUR	ORDERCODE
1-phase track recessed	White	9 0 0 1 4 1 2 4
1-phase track recessed	Black	9 0 0 1 4 1 2 5

Coverplate I/L/T/X

TYPE	COLOUR	ORDERCODE
1-phase track recessed	White	9 0 0 1 4 1 2 6
1-phase track recessed	Black	9 0 0 1 4 1 2 7