



Lighting systems



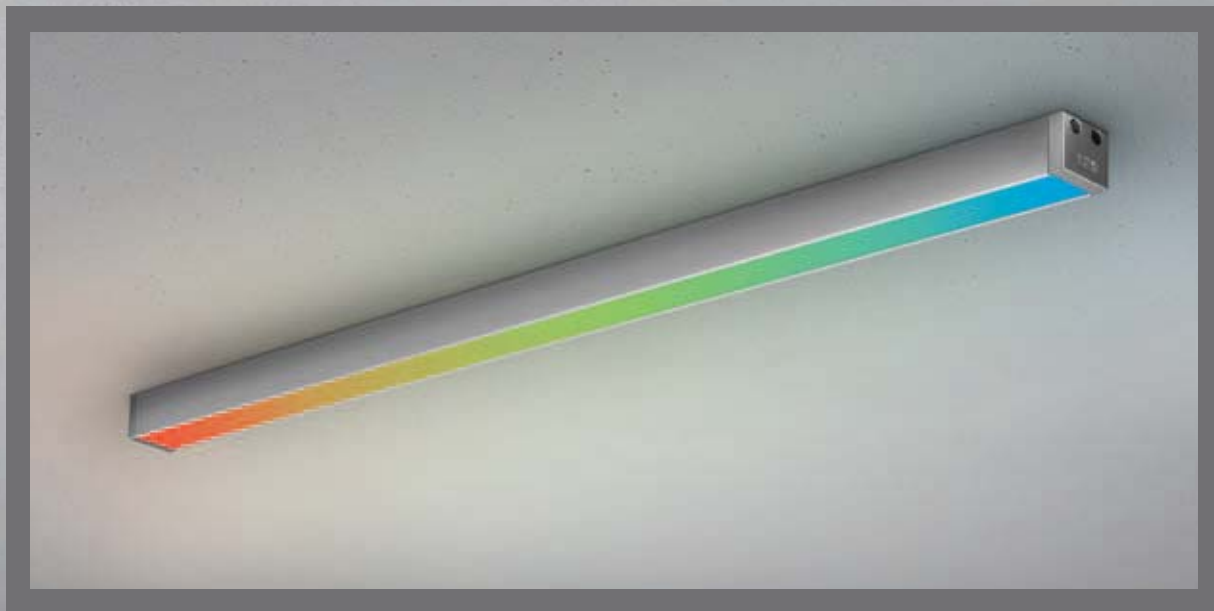
LM	Light color		Wattage W/39.4"	Luminous flux lm/39.4"	Order No.	Wattage W/39.4"	Luminous flux lm/39.4"	Order No.	
Recessed profile			HIGH-LIGHT			POWER-LIGHT			
	LED	white	5000 K	6.3 W/3.28ft	131 lm/3.28ft	LKLED 31.101/...	12.6 W/3.28ft	262 lm/3.28ft	LKLED 31.101/...
		red	-	3.2 W/3.28ft	76 lm/3.28ft	LKLED 31.201/...	6.4 W/3.28ft	152 lm/3.28ft	LKLED 31.201/...
		blue	-	6.3 W/3.28ft	30 lm/3.28ft	LKLED 31.301/...	12.6 W/3.28ft	60 lm/3.28ft	LKLED 31.301/...
		green	-	6.3 W/3.28ft	66 lm/3.28ft	LKLED 31.401/...	12.6 W/3.28ft	132 lm/3.28ft	LKLED 31.401/...
		RGB	-	14.2 W/3.28ft max.	208 lm/3.28ft	LKLED 31.501/...	28.3 W/3.28ft max.	416 lm/3.28ft	LKLED 31.501/...
	Power supply unit	Converter	red, green, white, blue	30 VA	CVGLED 600.30				... dimensions in inches
				70 VA	CVGLED 600.70				
			RGB pushbutton control	30 VA	CVGLED 650.30				
				70 VA	CVGLED 650.70				
			EldoLED-control unit programmable	30 VA	CVGLED 660.30				
				70 VA	CVGLED 660.70				

RGB

120V
60 Hz

IP20

CE



Lichtkanal 30 | max. 416 lm/m


Surface-mounted profile

- aluminium profile for ceiling or wall mounting
- fitted with High-Power-LEDs
- opal-white acrylic
- *inclusive 6.6ft connection converter cable*
- power supply unit to be ordered separately, consider recess
- color: anodised, white







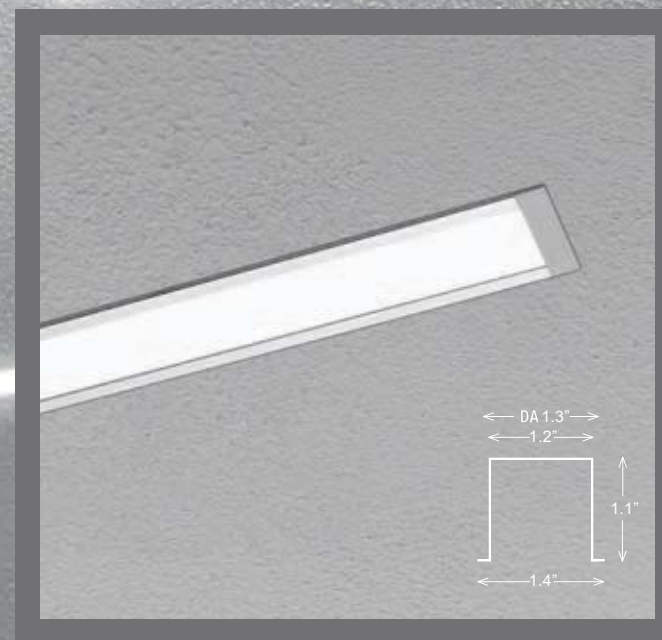
LM	Light color		Wattage	Luminous flux	OrderNo.	Wattage	Luminous flux	OrderNo.	
Recessed profile			HIGH-LIGHT			POWER-LIGHT			
			W/39.4"	lm/39.4"		W/39.4"	lm/39.4"		
🔔	LED	white	5000 K	6.3 W/3.28ft	131 lm/3.28ft	LKLED 32.101/...	12.6 W/3.28ft	262 lm/3.28ft	LKLED 32.102/...
		red	-	3.2 W/3.28ft	76 lm/3.28ft	LKLED 32.301/...	6.4 W/3.28ft	152 lm/3.28ft	LKLED 32.202/...
		blue	-	6.3 W/3.28ft	30 lm/3.28ft	LKLED 32.301/...	12.6 W/3.28ft	60 lm/3.28ft	LKLED 32.302/...
		green	-	6.3 W/3.28ft	66 lm/3.28ft	LKLED 32.401/...	12.6 W/3.28ft	132 lm/3.28ft	LKLED 32.402/...
		RGB	-	14.2 W/3.28ft max.	208 lm/3.28ft	LKLED 32.501/...	28.3 W/3.28ft max.	416 lm/3.28ft	LKLED 32.502/...
Power supply unit	Converter	red, green, white, blue		30 VA	CVGLED 600.30				
				70 VA	CVGLED 600.70			... dimensions in inches	
		RGB pushbutton control		30 VA	CVGLED 650.30				
				70 VA	CVGLED 650.70				
		EldoLED-control unit programmable		30 VA	CVGLED 660.30				
				70 VA	CVGLED 660.70				

RGB

120V
60 Hz⊕
IP20

IP20


F
CE



Lichtkanal 30 | max. 416 lm / m

Recessed profile

- aluminium profile with small trim for plasterboard recess
- fitted with High-Power-LEDs
- opal-white acrylic
- *inclusive 6.6ft connection converter cable*
- power supply unit to be ordered separately, consider recess
- colour: anodised, white

LM	Light color		Wattage	Luminous flux	Order No.	Wattage	Luminous flux	OrderNo.	
Length 15.7"			HIGH-LIGHT			POWER-LIGHT			
🔔	LED	white	5000 K	2.5 W	53 lm	LKLED 35.101/400	5.0 W	106 lm	LKLED 35.102/400
		red	-	1.3 W	31 lm	LKLED 35.201/400	2.6 W	62 lm	LKLED 35.202/400
		blue	-	2.5 W	12 lm	LKLED 35.301/400	5.0 W	24 lm	LKLED 35.302/400
		green	-	2.5 W	27 lm	LKLED 35.401/400	5.0 W	54 lm	LKLED 35.402/400
		RGB	-	5.7 W	max. 84 lm	LKLED 35.501/400	11.3 W	max. 168 lm	LKLED 35.502/400
Length 23.6"									
🔔	LED	white	5000 K	3.8 W	79 lm	LKLED 35.101/600	7.6 W	158 lm	LKLED 35.102/600
		red	-	1.9 W	46 lm	LKLED 35.201/600	3.8 W	92 lm	LKLED 35.202/600
		blue	-	3.8 W	19 lm	LKLED 35.301/600	7.6 W	38 lm	LKLED 35.302/600
		green	-	3.8 W	40 lm	LKLED 35.401/600	7.6 W	80 lm	LKLED 35.402/600
		RGB	-	8.5 W	max. 125 lm	LKLED 35.501/600	16.9 W	max. 250 lm	LKLED 35.502/600



Length 27.6"									
🔔	LED	white	5000 K	4.4 W	92 lm	LKLED 35.101/700	8.8 W	184 lm	LKLED 35.102/700
		red	-	2.2 W	53 lm	LKLED 35.201/700	4.4 W	106 lm	LKLED 35.202/700
		blue	-	4.4 W	22 lm	LKLED 35.301/700	8.8 W	44 lm	LKLED 35.302/700
		green	-	4.4 W	48 lm	LKLED 35.401/700	8.8 W	160 lm	LKLED 35.402/700
		RGB	-	9.9 W	max. 146 lm	LKLED 35.501/700	19.7 W	max. 292 lm	LKLED 35.502/700
Power supply unit	Converter	red, green, white, blue		30 VA	CVGLED 600.30				
				70 VA	CVGLED 600.70				
				30 VA	CVGLED 650.30				
				70 VA	CVGLED 650.70				
		RGB pushbutton control		30 VA	CVGLED 660.30				
				70 VA	CVGLED 660.70				
		EldoLED-control unit programmable		30 VA	CVGLED 660.30				
				70 VA	CVGLED 660.70				

RGB

120V
60 Hz

IP65


CE



Lichtkanal 30 | max. 292 lm | IP65

Floor recessed profile

- Aluminium profile for floor recess, ideal for natural stone tiles, fitted with high-power LEDs
- toughened safety glass
- *max. load capacity: 2200 lb*
- *inclusive 9.8ft connection cable*
- power supply unit to be ordered separately
- color: anodised, white

LM	Light color		Wattage	Luminous flux	Order No.
			W / 39.4"	lm / 39.4"	
Recessed profile					
LED	white	5000 K	6.3 W / 3.28ft	131 lm / 3.28ft	LKNLED 42.1011...
	red	-	3.2 W / 3.28ft	76 lm / 3.28ft	LKNLED 42.2011...
	blue	-	6.3 W / 3.28ft	30 lm / 3.28ft	LKNLED 42.3011...
	green	-	6.3 W / 3.28ft	66 lm / 3.28ft	LKNLED 42.4011...
	RGB	-	14.2 W / 3.28ft^{max.}	208 lm / 3.28ft	LKNLED 42.5011...
... dimensions in inches					
Power supply unit	Converter	red, green, white, blue	30 VA		CVGLED 600.30
			70 VA		CVGLED 600.70
	RGB pushbutton control	30 VA		CVGLED 650.30	
		70 VA		CVGLED 650.70	
EldoLED-control unit programmable	30 VA		CVGLED 660.30		
	70 VA		CVGLED 660.70		
Accessories					OrderNo.
End covers * (pair) silver or white					LKM 090.101.2
Earthing set					LKM 090.111
Longitudinal connector					LKM 090.102
<i>90°-connector for surfaces</i>					LKM 090.112
<i>90°-connector for corners</i>					LKM 090.113
Earthing set for sectional form pieces					LKM 090.110
Blind cover anodised or white					LKM 091/...
Acrylic diffuser flush (as replacement)					LKM 090 AG/...
* necessary accessories					



45

Lighting Systems

Lichtkanal 45 | max. 208 lm/m

Recessed profile


- aluminium profile with small trim for plasterboard recess
- fitted with High-Power-LEDs
- opal-white acrylic
- easy quick-mounting with clamps
- power supply unit to be ordered separately
- colour: anodised, white

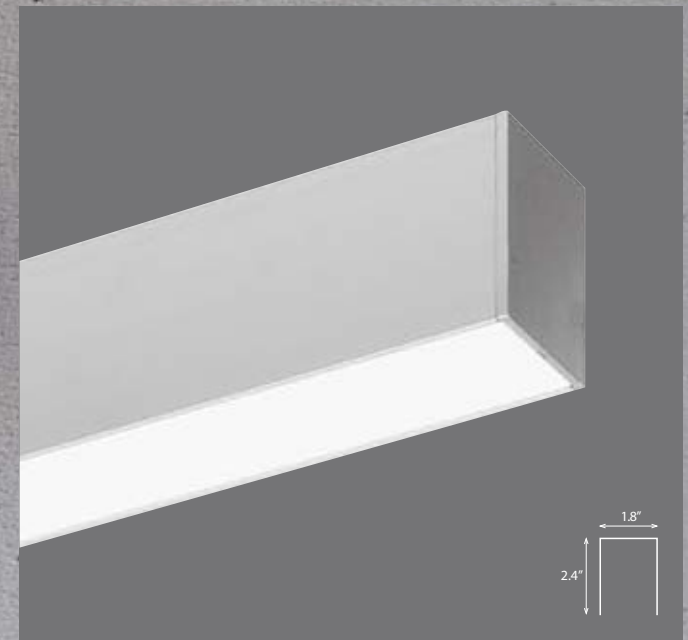
RGB

120V
60 Hz

⊕
IP20

CE

LM	Light color		Wattage	Luminous flux	Order No.	
			W/39.4"	lm/39.4"		
Recessed profile						
⚡	LED	white	5000 K	6.3 W/3.28ft	131 lm/3.28ft	LKMLED 41.101/...
		red	-	3.2 W/3.28ft	76 lm/3.28ft	LKMLED 41.201/...
		blue	-	6.3 W/3.28ft	30 lm/3.28ft	LKMLED 41.301/...
		green	-	6.3 W/3.28ft	66 lm/3.28ft	LKMLED 41.401/...
		RGB	-	14.2 W/3.28ft max.	208 lm/3.28ft	LKMLED 41.501/...
... dimensions in inches						
Power supply unit	Converter	red, green, white, blue		30 VA 70 VA	CVGLED 600.30 CVGLED 600.70	
		RGB pushbutton control		30 VA 70 VA	CVGLED 650.30 CVGLED 650.70	
		EldoLED-control unit programmable		30 VA 70 VA	CVGLED 660.30 CVGLED 660.70	
Accessories					OrderNo.	
End covers * (pair) silver or white					LKM 090.101.1	
Earthing set					LKM 090.111	
Longitudinal connector					LKM 090.102	
90°-connector for surfaces					LKM 090.112	
90°-connector for corners					LKM 090.113	
Earthing set for sectional form pieces					LKM 090.110	
Steel cord suspension with feeder <small>white/red/blue/green</small>					LKMLED 090.103/3	
					LKMLED 092.103/3	
Steel cord suspension without feeder <small>RGB</small>					LKMLED 090.104/3	
Blind cover <small>anodised or white</small>					LKM 091/...	
Acrylic diffuser flush <small>(as replacement)</small>					LKM 090 AG/...	
* necessary accessories						



Lichtkanal 45 | max. 208 lm/m

Surface-mounted profile

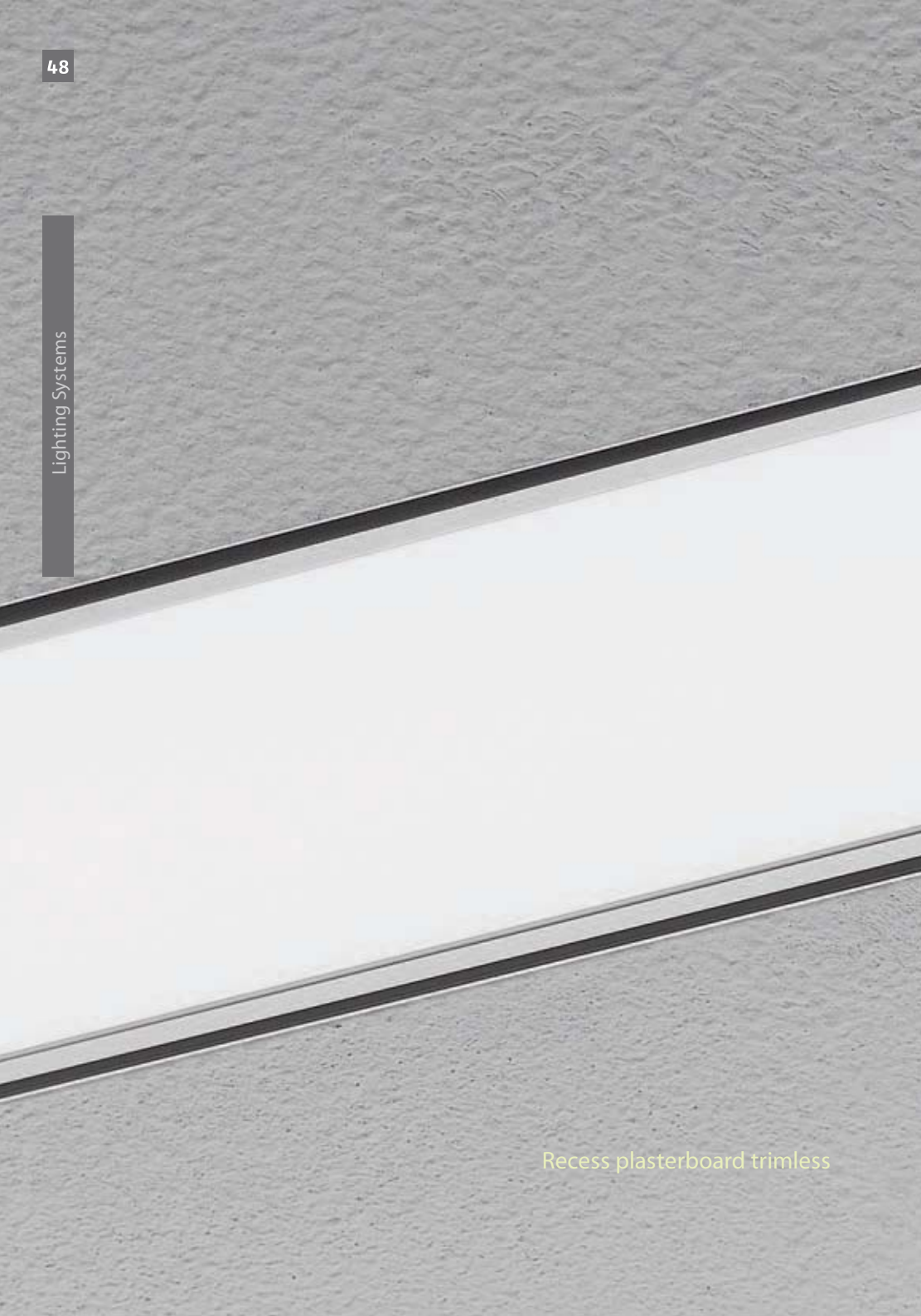
- a aluminium profile for easy surface-mounted or suspended mounting
- fitted with High-Power-LEDs
- opal-white acrylic
- power supply unit to be ordered separately
- color: anodised, white

RGB

120V
60 Hz

IP20

CE



Recess plasterboard trimless



Recess plasterboard with trim

Detailed information about the Lichtkanal 70 can be found in the new Light Channel brochure or at www.solavantilighting.com

Recess concrete trimless

Light Channel 70 RGB

Recess concrete with trim







LEDSET | 3.2/6.5/14 W

Lighting Stripe

- ☑ high-grade aluminium profile equipped with highpower LEDs in various colours
- ☑ available for indoor or covered outdoor areas
- ☑ easy surface-mounting via separate available mounting plates
- ☑ various optical acrylic covers available as accessories
- ☑ inclusive end caps made from PMMA plastic, colour: metallic grey
- ☑ *ready to plug-in, transparent connection cable 2 x 0.04in², length: 59.1"*
- ☑ power supply unit to be ordered separately

RGB

24 V
DC

CE

Profile with LEDs | made to measure

LM	Wattage	Luminous flux	Light color	RGB	Indoor (IP20)	Outdoor (IP54)
	W / 39.4"	lm / 39.4"				
⚡ LED	6.3 W / 3.28ft	131 lm / 3.28ft	white	5000 K	LED 100/...	LED 110/...
	3.2 W / 3.28ft	76 lm / 3.28ft	red	-	LED 200/...	LED 210/...
	6.3 W / 3.28ft	30 lm / 3.28ft	blue	-	LED 300/...	LED 310/...
	6.3 W / 3.28ft	66 lm / 3.28ft	green	-	LED 400/...	LED 410/...
	14.2 W / 3.28ft	max. 208 lm / 3.28ft	RGB	-	LED 500/...	LED 510/...

LED's color variations possible

... dimensions in inches

Planning dimensions

Sections per LED band: 6.7"
 Length of connection piece: 2.0"
 Individual length: max. 76.0"
 (longer dimensions are delivered in several units)

6.7"
 2.0"
 max. 76.0"







Power supply units

Power	OrderNo.	Dimensions L x B x H	
0 – 30 W	LED 600.30	7.9" x 2.4" x 1.9"	connection cable primary side / secondary side, length: 39.4"
6 – 70 W	LED 600.70	8.8" x 3.1" x 1.9"	connection cable primary side / secondary side, length: 49.2"
0 – 70 W	LED 610.70	10.6" x 3.1" x 2.0"	connection cable primary side / secondary side, length: 13.8"

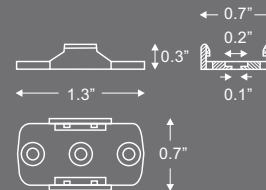
Profile covers | made to measure

- ☑ convex acrylic covers made from high-grade PMMA
- ☑ no-tool snap-in fastening

Cover	OrderNo.	Transmission	
	LED 710/...	62 %	120°
	LED 720/...	82 %	120°
	LED 730/...	92 %	120°
	LED 740/...	92 %	45°
End caps (pair)	LED 700.50	made from high-grade PMMA, color: metallic grey	

Montageplatten | Mounting plates

- simple direct assembly on even mounting surface or at an angle
- mounting plate made from plastic, mounting at corner with additional metal angle
- no-tool snap-in fastening for LED profile



Art	OrderNo.	
Mounting plate	LED 700.60	
Mounting plate at an angle	LED 700.61	

Montagebeispiele
Mounting examples

Extraordinary projects require
extraordinary lighting designs.

Challenge us!

Individually designed luminaires are our
profession. Our flexibility and capability
guarantee the realization of customers'
requirements.










Hymer Museum , Bad Waldsee

Planung: Bauart Liebel | Kiess Planungs GmbH, Bad Waldsee

Generalunternehmer: i+ RB Schertler-Alge-Bühler GmbH, Lauterach

Installation + E-Planung: I-TEC Industrieelektrik GmbH, Lauterach / ib-Brugger, Thüringen



LM	light source
Wattage	wattage
Luminous flux	luminous flux
Light color	light color
Order No.	order number
DS	ceiling thickness
ET	recessed depth
	diameter/inner diameter/luminaire square
	diameter/inner diameter/luminaire round
	RGB light source available
	color temperature (Kelvin)
	beam angle
	cut-out in inches
	adapter for contact track
	PRI/PRI PLUS technology
	digital adressable lighting interface

Legend



solavanti lighting **PERFORMANCE**¹⁰

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