



# Linear Luminaires

**LL**

**DP**

**CD**

**WW**

**CS**

**CF**

**AC**

**CG**

**CB**

**HB**

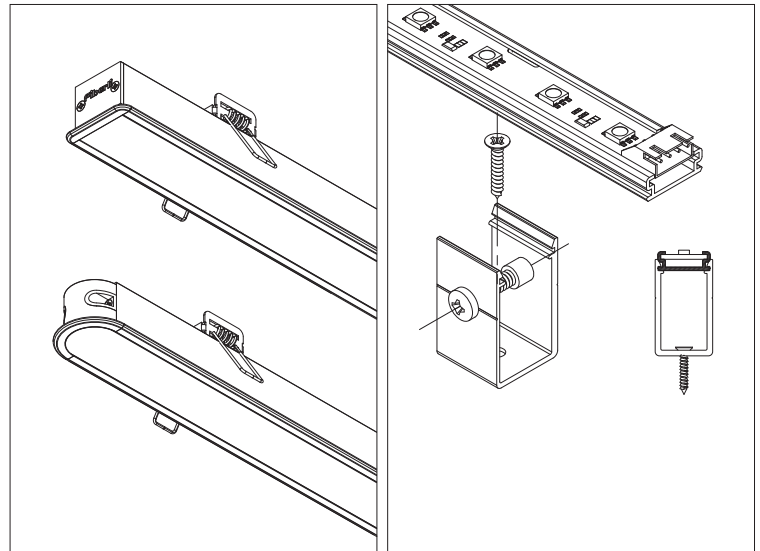
**MM**

**RDMX**

**LC**

**FO**

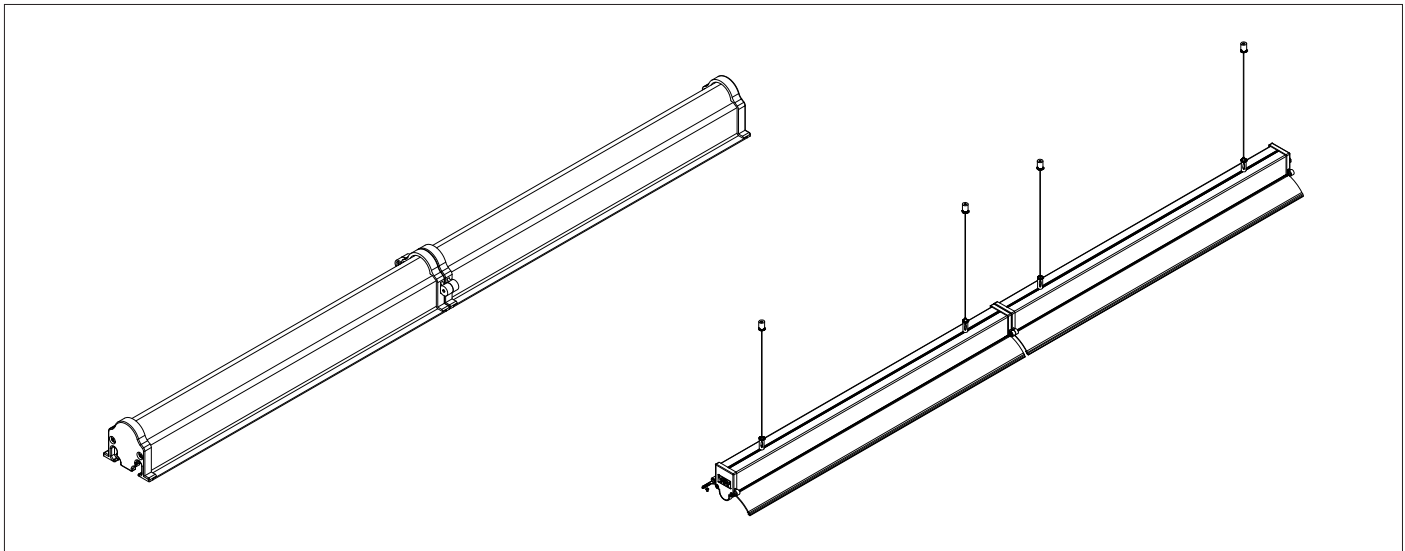
**EL**






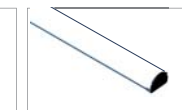












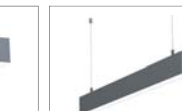
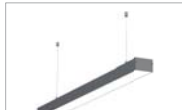








## LEDLine

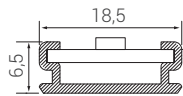
Luminaires provide ideal lighting solutions for indoor and outdoor settings. These products can be used at any desired length by attaching them end-to-end without connections being visible. Luminaires can be produced as RGB or mono colour, as per order. They can be modified for outdoor use through production in IP65 standards with a polymer coating. Using the world's most efficient LEDs, our luminaires are extremely economical due to low energy consumption and long lifetime. Moreover, with their wide range of colour options and color changing features, the products provide architects and lighting designers the opportunity to bring their creative ideas to life.

# Linear Luminaires



## LEDLine - Linear Illumination Products

 LLS	 LLK	 LLKE	 LLKP	 LLFS8	 LLKS	 LLCRN
 LLU	 LLI	 LLIH	 LLW2	 LLB33	 ERL100	 ERL75
 ERL50	 ERL35	 ERL25	 LLG	 EPL75	 EPL50	 EPL35
 LLA	 LLET	 LLEN PRO	 LLEN TECO	 LLTMS	 LLAT	 LLUT
 LLMS	 LLGEN	 LLST				



- Min. 20 micron anodized aluminum extruded profile
- Stainless connectors
- Cooling capacity up to 14,4 W/m
- Suitable for surface mounting

## P W Product & Power Options

Product Name/LED Quantity	Light Color	Input Voltage (V)	Power (W/mt)	Luminous Flux (lm)	Weight (kg)
LLS15LED	WW-NW-CW	24V DC	6	675	0,12
LLS30LED	WW-NW-CW	24V DC	2,4	240	0,12
LLS30LED	WW-NW-CW	24V DC	7,2	720	0,12
LLS30LED	WW-NW-CW	24V DC	12	1.350	0,12
LLS45LED	WW-NW-CW	24V DC	10,8	1.080	0,12
LLS60LED	WW-NW-CW	24V DC	4,8	480	0,12
LLS60LED	WW-NW-CW	24V DC	14,4	1.440	0,12
LLS90LED	WW-NW-CW	24V DC	7,2	720	0,12
LLS120LED	WW-NW-CW	24V DC	9,6	960	0,12
LLS180LED	WW-NW-CW	24V DC	14,4	1.450	0,12
LLS30LED	RGB	24V DC	7,2	-	0,12
LLS45LED	RGB	24V DC	10,8	-	0,12
LLS60LED	RGB	24V DC	14,4	-	0,12
LLS60LED	RGB/W	24V DC	14,4	-	0,12

\*Power and Lumen values provided are based off of a lensless product with cold white (CW) LED.

## C Light Color Options

● WW: Warm White 3000K	● R: Red 625nm	● RGB
● NW: Natural White 4000K	● G: Green 525nm	● RGBW
● CW: Cold White 6500K	● B: Blue 465nm	● RGBA
	● A: Amber 590nm	

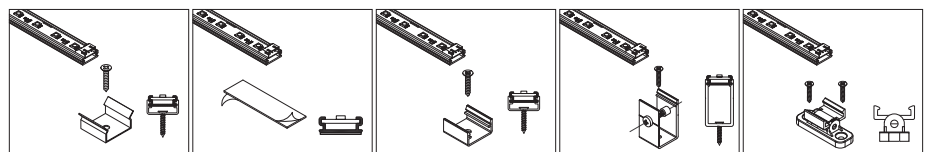
\*Different colors are optional

## J Junction Options



01: Cable      03: Horizontal Socket      04: Vertical Socket

## M Mounting Options

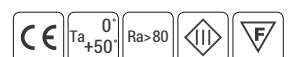


01: Steel Clip      02: Double-Sided Tape      03: Aluminum Clip      04: Aluminum Clip (tall)      05: Angled Clip



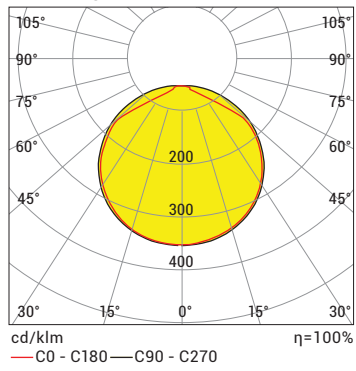
Order Code

P . W . C . J . M



## Product Diagrams

Polar Diagram









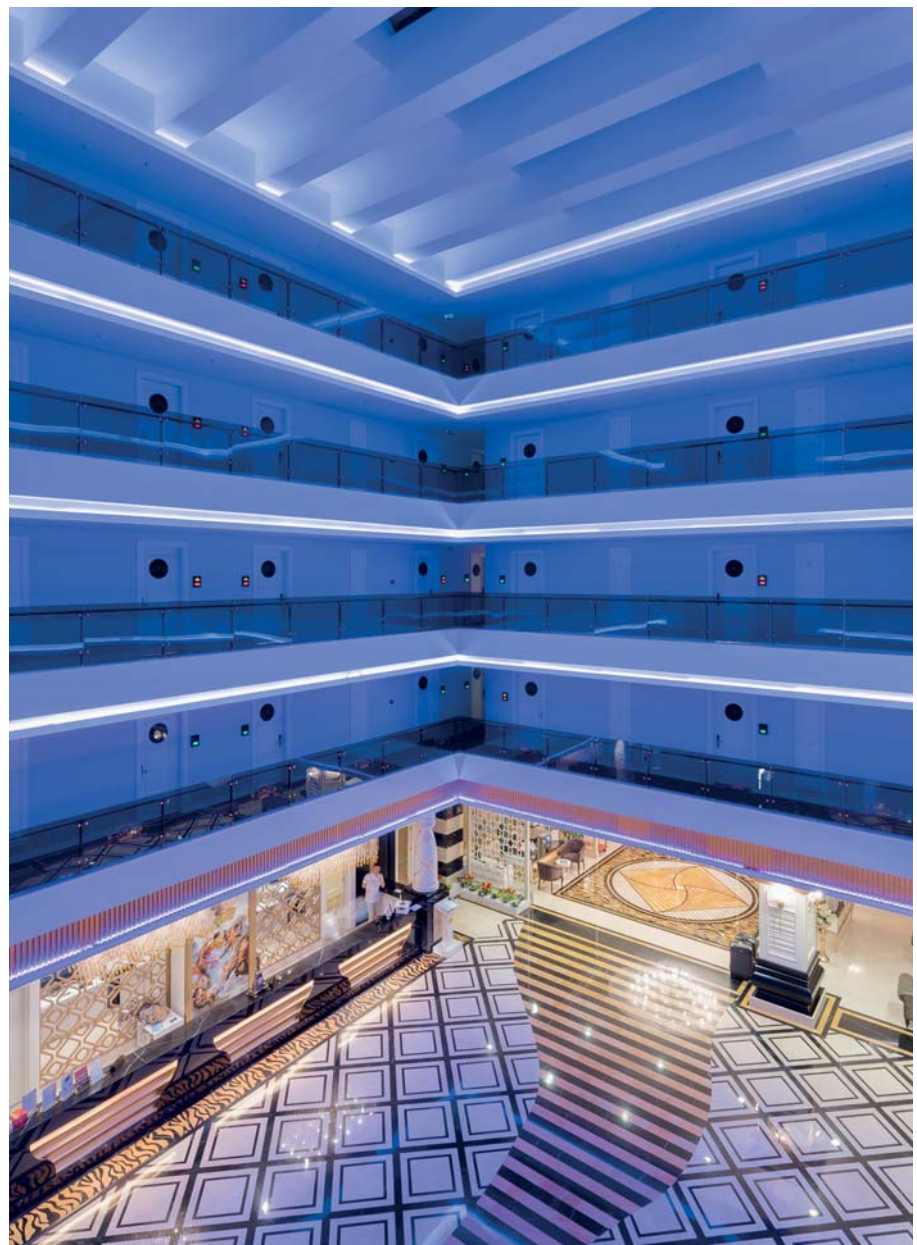
Conical Diagram

H (mt)	$\emptyset$ (m)	E <sub>max</sub> (lx)
0.5	1,65	1397
1.0	3,30	349
1.5	4,95	155
2.0	6,60	87
2.5	8,26	56
3.0	9,91	39

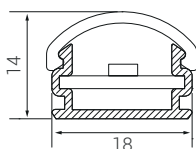
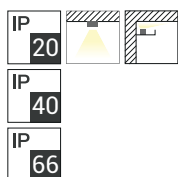
LLS 30LED 12W CW 120D 24V DC IP20

## Control System Options

Color Type	PWM	INV PWM	DMX	DALI	0-10V DC	TRIAC
WW-NW-CW 	•			•	•	
R,G,B,A 	•			•	•	
RGB 	•					
RGBA/W 	•					
RGB DMX 						
WHITE DMX 						



Mary Palace Hotel, Antlaya



- Min. 20 micron anodized aluminum extruded profile.
- Stainless connectors
- PVC end caps with UV protection
- Transparent or diffused polycarbonate top cover with UV protection.
- Cooling capacity up to 21,6 W/m
- Suitable for surface mounting

## P W Product & Power Options

Product Name/LED Quantity	Light Color	Input Voltage (V)	Power (W/mt)	Luminous Flux (lm)	Weight (kg)
LLK 30LED	WW-NW-CW	24V DC	2,4	240	0,30
LLK 30LED	WW-NW-CW	24V DC	12	1.350	0,30
LLK 45LED	WW-NW-CW	24V DC	18	2.025	0,30
LLK 60LED	WW-NW-CW	24V DC	4,8	480	0,30
LLK 60LED	WW-NW-CW	24V DC	7,2	720	0,30
LLK 60LED	WW-NW-CW	24V DC	14,4	1.440	0,30
LLK 90LED	WW-NW-CW	24V DC	7,2	720	0,30
LLK 90LED	WW-NW-CW	24V DC	10,8	1.100	0,30
LLK 120LED	WW-NW-CW	24V DC	9,6	960	0,30
LLK 180LED	WW-NW-CW	24V DC	14,4	1.450	0,30
LLK 30LED	RGB	24V DC	7,2	-	0,30
LLK 45LED	RGB	24V DC	10,8	-	0,30
LLK 60LED	RGB	24V DC	14,4	-	0,30
LLK 90LED	RGB	24V DC	21,6	-	0,30
LLK 60LED	RGB/W	24V DC	14,4	-	0,30

\*Power and Lumen values provided are based off of a coverless product with cold white (CW) LED.  
 \*\* The same power values for white colors are applicable for R,G,B,A as well.

## C Light Color Options

● WW: Warm White 3000K	● R: Red 625nm	● RGB
● NW: Natural White 4000K	● G: Green 525nm	● RGBW
● CW: Cold White 6500K	● B: Blue 465nm	● RGBA
	● A: Amber 590nm	

\*Different colors are optional

## J Junction Options



01: Cable (side output)

02: IP Socket (side output)

03: Horizontal Socket

04: Vertical Socket

06: Cable (bottom output)

07: IP Socket (bottom output)



Order Code

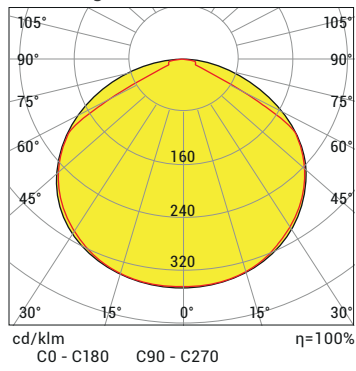
P . W . C . J . U . I . M





## Product Diagrams

Polar Diagram

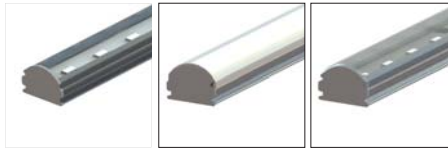


Conical Diagram

H (mt)	Ø (m)	E <sub>max</sub> (lx)
0.5	1.68	2077
1.0	3.36	519
1.5	5.03	231
2.0	6.71	130
2.5	8.39	83
3.0	10.07	58

LLK 45 LED 18W CW 120D 24V DC IP20

## U Upper Cover Options



0: Coverless (IP20)

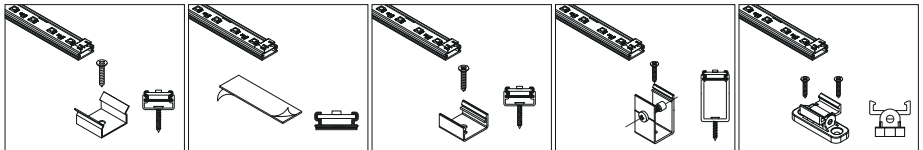
01: Diffused (IP40/IP66)

02: Transparent (IP40/IP66)

## I IP Protection Class



## M Mounting Options



01: Steel Clip

02: Double-Sided Tape

03: Aluminum Clip

04: Aluminum Clip (tall)

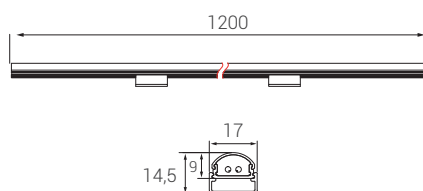
05: Angled Clip

## Control System Options

Color Type	PWM	INV PWM	DMX	DALI	0-10V DC	TRIAC
WW-NW-CW	•			•	•	
R,G,B,A	•			•	•	
RGB	•					
RGBA/W	•					
RGB DMX						
WHITE DMX						



Adalya Elite Hotel, Antalya



- Min. 20 micron anodized aluminum extruded profile
- PVC end caps with UV protection
- Diffused polycarbonate top cover with UV protection
- Cooling capacity up to 7,2W/m
- Suitable for surface mounting
- Only produced as 120 cm

## P W Product & Power Options

Product Name/LED Quantity	Light Color	Input Voltage (V)	Power (W/mt)	Luminous Flux (lm)	Weight (kg)
LLK ECO120	WW-NW-CW	24V DC	8,6	970	0,15

\*Power and Lumen values provided are based off of a coverless product with cold white (CW) LED.

## C Light Color Options

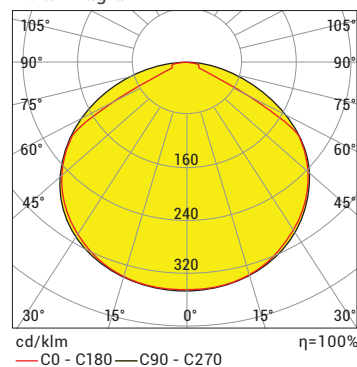
● WW: Warm White	3000K
● NW: Natural White	4000K
● CW: Cold White	6500K

## Control System Options

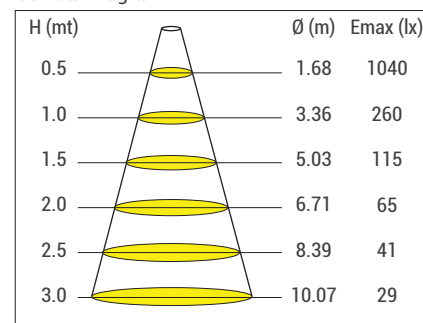
Color Type	PWM	INV PWM	DMX	DALI	0-10V DC	TRIAC
WW-NW-CW	●			●	●	
R,G,B,A						
RGB						
RGBA/W						
RGB DMX						
WHITE DMX						

## Product Diagrams

Polar Diagram



Conical Diagram

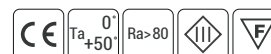


LLKE120 8,6W CW 120D 24V DC IP20

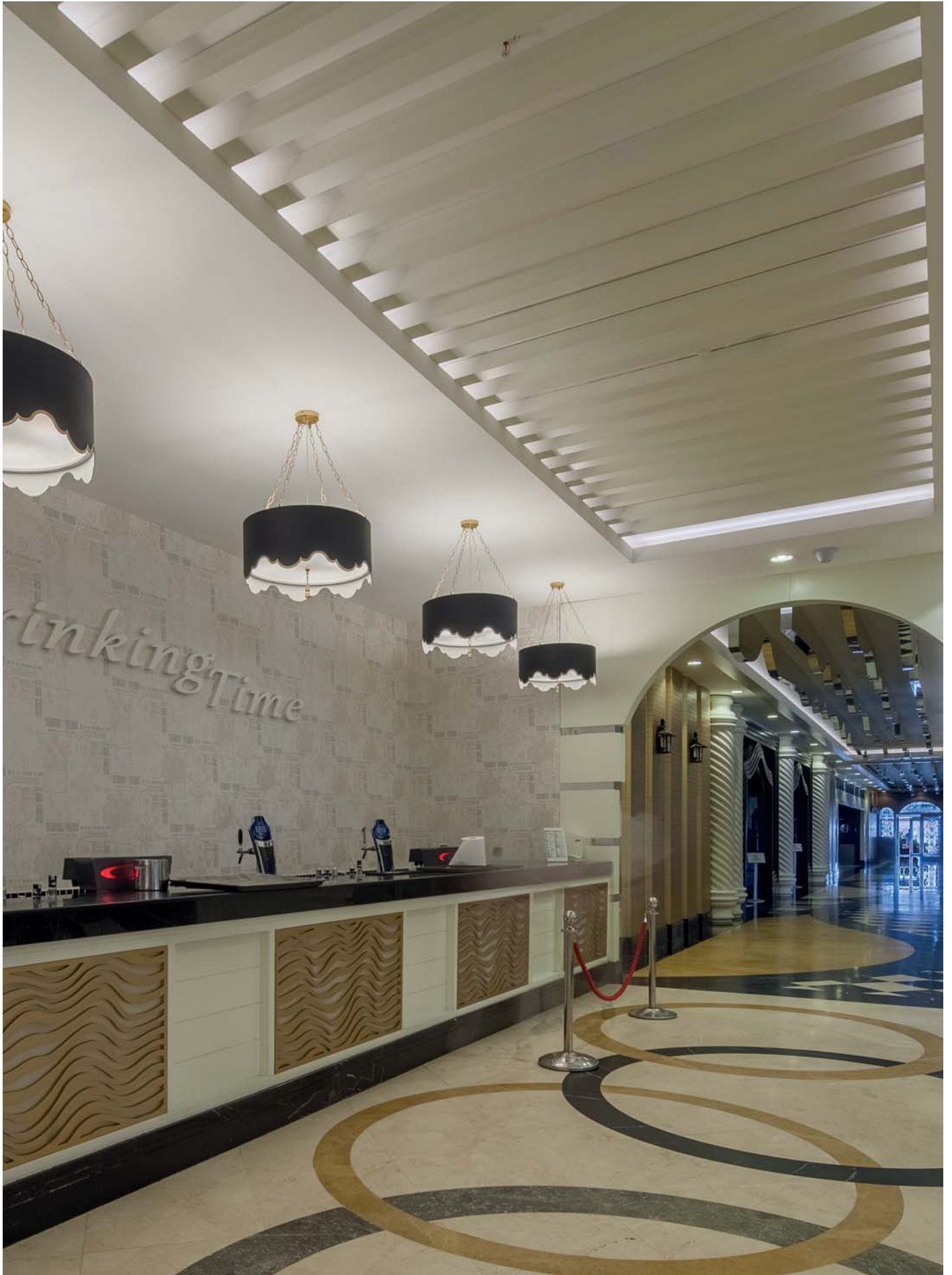


Order Code

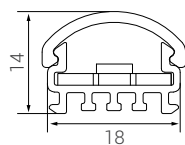
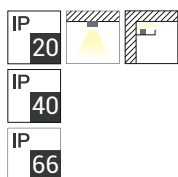
P . W . C



# LEDLine







- Min. 20 micron anodized aluminum extruded profile.
- Stainless connectors.
- PVC end caps with UV protection.
- Transparent or diffused polycarbonate top cover with UV protection
- Cooling capacity up to 36 W/m
- Suitable for surface mounting

## P W Product & Power Options

Product Name/LED Quantity	Light Color	Input Voltage (V)	Power (W/mt)	Luminous Flux (lm)	Weight (kg)
LLKP60LED	WW-NW-CW	24V DC	24	2.700	0,30
LLKP90LED	WW-NW-CW	24V DC	36	4.050	0,30

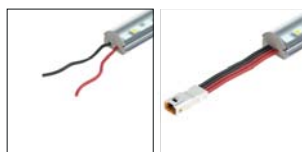
\*Power and Lumen values provided are based off of a coverless product with cold white (CW) LED.

## C Light Color Options

● WW: Warm White 3000K	● R: Red 625nm
● NW: Natural White 4000K	● G: Green 525nm
● CW: Cold White 6500K	● B: Blue 465nm
	● A: Amber 590nm

\*Different colors are optional

## J Junction Options



01: Cable (side output)      02: IP Socket (side output)

## U Upper Cover Options

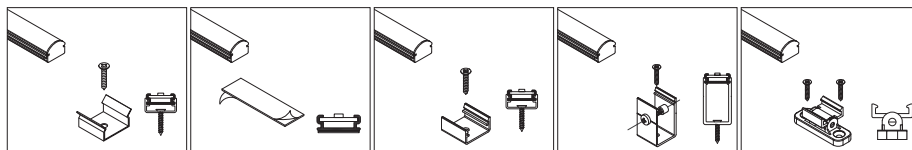


0: Coverless (IP20)      01: Diffused (IP40/IP66)      02: Transparent (IP40/IP66)

## I IP Protection Class



## M Mounting Options

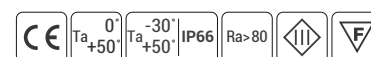


01: Steel Clip      02: Double-Sided Tape      03: Aluminum Clip      04: Aluminum Clip (tall)      05: Angled Clip



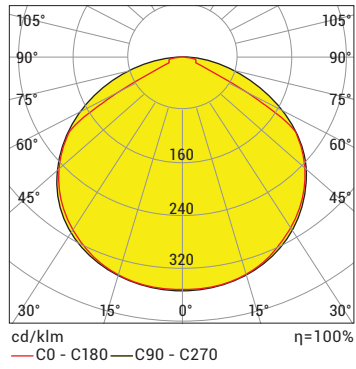
Order Code

P . W . C . J . U . I . M

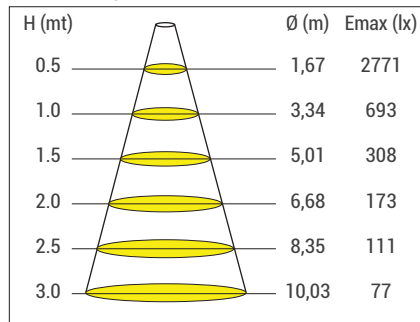


## Product Diagrams

Polar Diagram



Conical Diagram

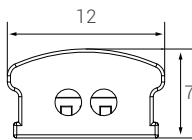
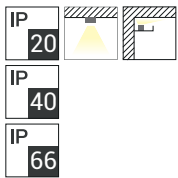


LLKP 60LED 24W CW 120D 24V DC IP20

## Control System Options

Color Type	PWM	INV PWM	DMX	DALI	0-10V DC	TRIAC
WW-NW-CW	•			•	•	
R,G,B,A	•			•	•	
RGB						
RGBA/W						
RGB DMX						
WHITE DMX						





- Min. 20 micron anodized aluminum extruded profile.
- Stainless connectors
- PVC end caps with UV protection
- Transparent or diffused polycarbonate top cover with UV protection
- Cooling capacity up to 14,4 W/m
- Suitable for surface mounting

## P W Product & Power Options

Product Name/LED Quantity	Light Color	Input Voltage (V)	Power (W/mt)	Luminous Flux (lm)	Weight (kg)
LLFS860LED	WW-NW-CW	24V DC	4,8	480	0,10
LLFS860LED	WW-NW-CW	24V DC	7,2	720	0,10
LLFS860LED**	WW-NW-CW	24V DC	14,4	1.440	0,10

\*Power and Lumen values provided are based off of a coverless product with cold white (CW) LED.  
 \*\* Only WW-NW-CW available.

## C Light Color Options

● WW: Warm White	3000K	● R: Red	625nm
● NW: Natural White	4000K	● G: Green	525nm
● CW: Cold White	6500K	● B: Blue	465nm
		● A: Amber	590nm

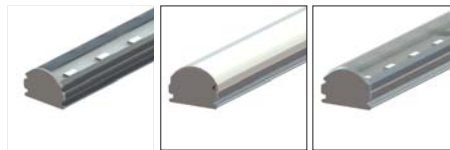
\*Different colors are optional

## J Junction Options



01: Cable (side output)      02: IP Socket (side output)

## U Upper Cover Options



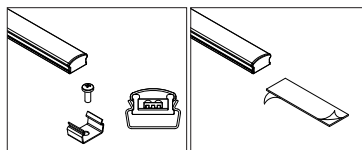
0: Coverless (IP20)      01: Diffused (IP40)      02: Transparent (IP40)

\*IP66 is produced in maximum 120cm length.  
 \*\*IP66 is produced only without a cover.

## I IP Protection Class



## M Mounting Options



01: Steel Clip      02: Double-Sided Tape



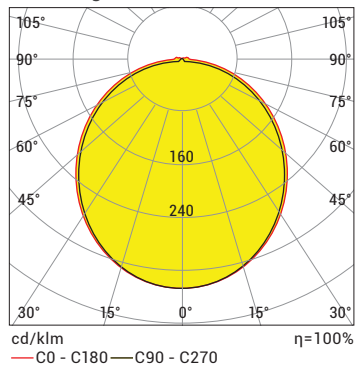
Order Code

P . W . C . J . U . I . M



## Product Diagrams

Polar Diagram



Conical Diagram

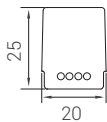
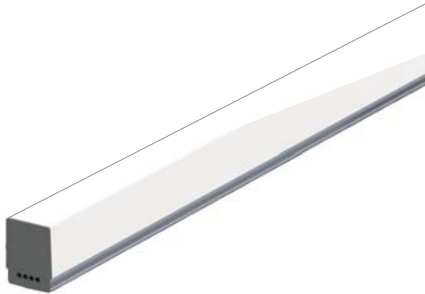
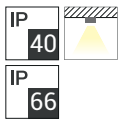
H (mt)	$\emptyset$ (m)	E <sub>max</sub> (lx)
0.5	1,51	1335
1.0	3,01	334
1.5	4,52	148
2.0	6,02	83
2.5	7,53	53
3.0	9,03	37

LLFS8 60 LED 14,4W CW 120D 24V DC IP40

## Control System Options

Color Type	PWM	INV PWM	DMX	DALI	0-10V DC	TRIAC
WW-NW-CW	•			•	•	
R,G,B,A	•			•	•	
RGB						
RGBA/W						
RGB DMX						
WHITE DMX						





- Min. 20 micron anodized aluminum extruded profile.
- Stainless connectors
- PVC end caps with UV protection
- Transparent or diffused polycarbonate top cover with UV protection.
- Cooling capacity up to 21,6 W/m
- Suitable for surface mounting

## P W Product & Power Options

Product Name/LED Quantity	Light Color	Input Voltage (V)	Power (W/mt)	Luminous Flux (lm)	Weight (kg)
LLKS 45LED	WW-NW-CW	24V DC	10,8	785	0,3
LLKS 45LED	WW-NW-CW	24V DC	18	1.185	0,3
LLKS 60LED	WW-NW-CW	24V DC	4,8	420	0,3
LLKS 60LED	WW-NW-CW	24V DC	14,4	1.250	0,3
LLKS 90LED	WW-NW-CW	24V DC	7,2	620	0,3
LLKS 180LED	WW-NW-CW	24V DC	14,4	1.020	0,3
LLKS 45LED	RGB	24V DC	10,8	-	0,3
LLKS 60LED	RGB	24V DC	14,4	-	0,3
LLKS 90LED	RGB	24V DC	21,6	-	0,3
LLKS 60LED	RGB/W	24V DC	14,4	-	0,3
LLKS 30LED-DMX	RGB-Pixel	24V DC	8,4	-	0,3
LLKS 45LED-DMX	RGB-Pixel	24V DC	12,6	-	0,3

\*Power and Lumen values provided are based off of a "cold white (CW) LED".

## C Light Color Options

● WW: Warm White 3000K	● R: Red 625nm	● RGB
● NW: Natural White 4000K	● G: Green 525nm	● RGBW
● CW: Cold White 6500K	● B: Blue 465nm	● RGBA
	● A: Amber 590nm	

\*Different colors are optional

## J Junction Options



01: Cable (side outlet)      02: IP Socket (side outlet)

\*IP66 products are socket only

## I IP Protection Class



Order Code

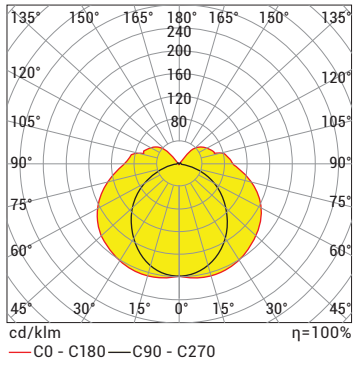
P . W . C . J . I . M





## Product Diagrams

Polar Diagram

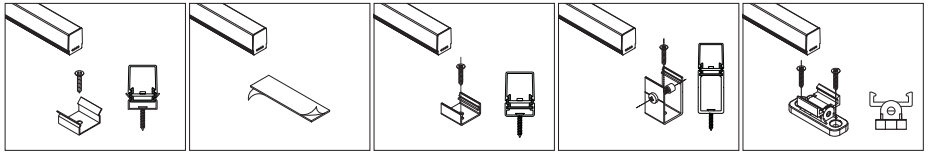


Conical Diagram

H (mt)	∅ (m)	E <sub>max</sub> (lx)
0.5	9.36	888
1.0	18.71	222
1.5	28.07	99
2.0	37.43	55
2.5	46.79	36
3.0	56.14	25

LLKS 45 LED CW 120D 18W 24V DC IP40D

## M Mounting Options



01: Steel Clip







02: Double sided tape

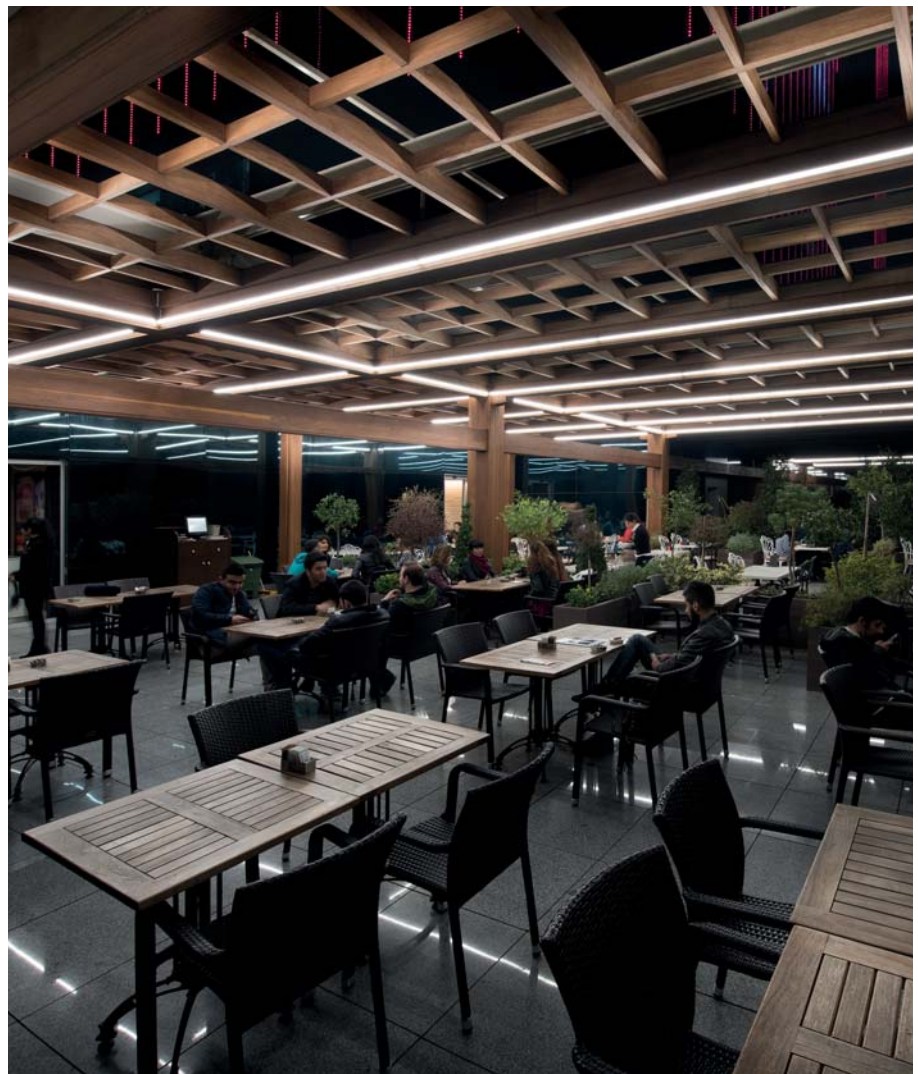
03: Aluminum clip

04: Aluminum clip (tall)

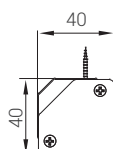
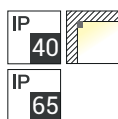
05: Angled Clip

## Control System Options

Color Type	PWM	INV PWM	DMX	DALI	0-10V DC	TRIAC
WW-NW-CW 	•			•	•	
R,G,B,A 	•			•	•	
RGB 	•					
RGBA/W 	•					
RGB DMX 			•			
WHITE DMX 			•			



Mark Antalya Mall, Antalya



- Min. 20 micron anodized aluminum extruded profile
- Anodized aluminum housing
- Stainless connectors
- PVC side cover with UV protection
- Diffused polycarbonate top cover with UV protection
- Cooling capacity up to 24W/m
- Suitable for surface mounting

## P W Product & Power Options

Product Name/LED Quantity	Light Color	Input Voltage (V)	Power (W/mt)	Luminous Flux (lm)	Weight (kg)
LLCRN45LED	WW-NW-CW	24V DC	10,8	725	0,7
LLCRN45LED	WW-NW-CW	24V DC	18	1.090	0,7
LLCRN60LED	WW-NW-CW	24V DC	4,8	390	0,7
LLCRN60LED	WW-NW-CW	24V DC	14,4	1.055	0,7
LLCRN60LED	WW-NW-CW	24V DC	24	1.460	0,7
LLCRN90LED	WW-NW-CW	24V DC	7,2	575	0,7
LLCRN180LED	WW-NW-CW	24V DC	14,4	945	0,7
LLCRN45LED	RGB	24V DC	10,8	-	0,7
LLCRN60LED	RGB	24V DC	14,4	-	0,7
LLCRN90LED	RGB	24V DC	21,6	-	0,7
LLCRN60LED	RGB/W	24V DC	14,4	-	0,7
LLCRN45LED-DMX	RGB-Pixel	24V DC	12,6	-	0,7

\*Power and Lumen values provided are based off of a "cold white (CW) LED".

## C Light Color Options

● WW: Warm White 3000K	● R: Red 625nm	● RGB
● NW: Natural White 4000K	● G: Green 525nm	● RGBW
● CW: Cold White 6500K	● B: Blue 465nm	● RGBA
	● A: Amber 590nm	

\*Different colors are optional

## J Junction Options



01: Cable (side outlet)

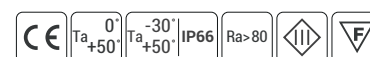
02: IP Socket (side outlet)

## I IP Protection Class



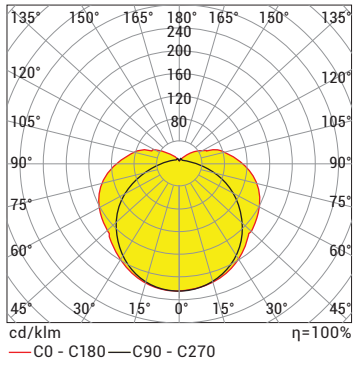
Order Code

P . W . C . J . I



## Product Diagrams

Polar Diagram



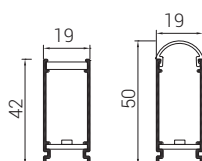
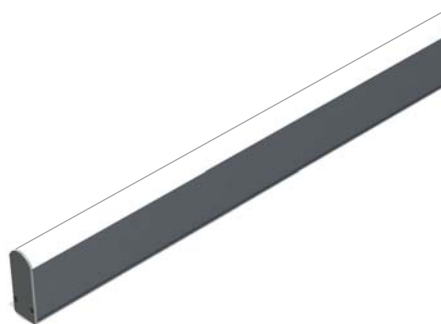
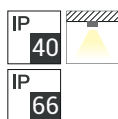
Conical Diagram

H (mt)	$\emptyset$ (m)	E <sub>max</sub> (lx)
0.5	10.99	1379
1.0	21.98	345
1.5	32.96	153
2.0	43.95	86
2.5	54.94	55
3.0	65.93	38

LLCRN 60 LED CW 120D 24W 24V DC IP40D

## Control System Options

Color Type	PWM	INV PWM	DMX	DALI	0-10V DC	TRIAC
WW-NW-CW	•			•	•	
R,G,B,A	•			•	•	
RGB	•					
RGBA/W	•					
RGB DMX			•			
WHITE DMX			•			



- Min. 20 micron anodized aluminum extruded profile
- Stainless connectors
- PVC side cover with UV protection
- Transparent or diffused polycarbonate top cover with UV protection
- Cooling capacity up to 21,6 W/m
- Suitable for surface mounting

## P W Product & Power Options

Product Name/LED Quantity	Light Color	Input Voltage (V)	Power (W/mt)	Luminous Flux (lm)	Weight (kg)
LLU 60LED	WW-NW-CW	24V DC	4,8	155	0,4
LLU 60LED	WW-NW-CW	24V DC	14,4	360	0,4
LLU 90LED	WW-NW-CW	24V DC	7,2	195	0,4
LLU 180LED	WW-NW-CW	24V DC	14,4	360	0,4
LLU 30LED	RGB	24V DC	7,2	-	0,4
LLU 45LED	RGB	24V DC	10,8	-	0,4
LLU 60LED	RGB	24V DC	14,4	-	0,4
LLU 90LED	RGB	24V DC	21,6	-	0,4
LLU 60LED	RGB/W	24V DC	14,4	-	0,4
LLU 30LED-DMX	RGB-Pixel	24V DC	8,4	-	0,4
LLU 45LED-DMX	RGB-Pixel	24V DC	12,6	-	0,4

\*Power and Lumen values provided are based off of a coverless product with cold white (CW) LED.

## C Light Color Options

● <b>WW:</b> Warm White 3000K	● <b>R:</b> Red 625nm	● RGB
● <b>NW:</b> Natural White 4000K	● <b>G:</b> Green 525nm	● RGBW
● <b>CW:</b> Cold White 6500K	● <b>B:</b> Blue 465nm	● RGBA
	● <b>A:</b> Amber 590nm	

\*Different colors are optional

## J Junction Options



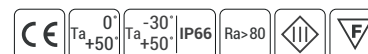
01: Cable\*      02: IP Socket

\*IP66 products are socket only



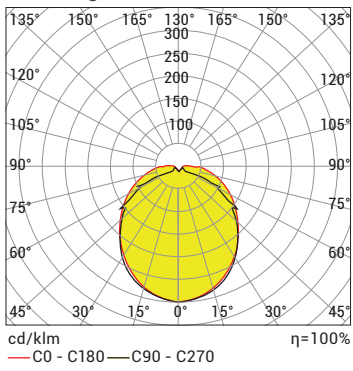
Order Code

P . W . C . J . U . I . M



## Product Diagrams

Polar Diagram

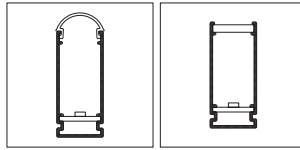


Conical Diagram

H (mt)	Ø (m)	E <sub>max</sub> (lx)
0.5	1.53	505
1.0	3.06	126
1.5	4.58	56
2.0	6.11	32
2.5	7.64	20
3.0	9.17	14

LLU CW 45 LED 120D 18W 24V DC IP44D

## U Upper Cover Options



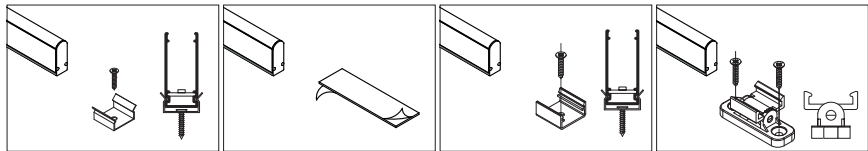
01: Diffused Oval (IP40/IP66)

39: Diffused Flat (IP40/IP66)

## I IP Protection Class



## M Mounting Options



01: Steel Clip

02: Double-Sided Tape

03: Aluminum Clip

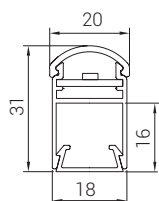
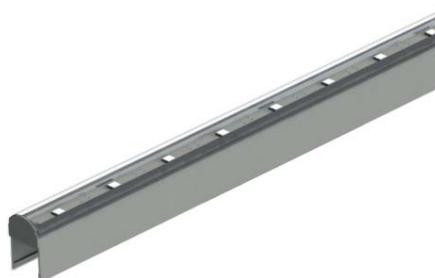
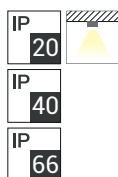
05: Angled Clip

## Control System Options

Color Type	PWM	INV PWM	DMX	DALI	0-10V DC	TRIAC
WW-NW-CW	•			•	•	
R,G,B,A	•			•	•	
RGB	•					
RGBA/W	•					
RGB DMX			•			
WHITE DMX			•			







- Min. 20 micron anodized aluminum extruded profile
- Stainless connectors
- PVC side cover with UV protection
- Transparent or diffused polycarbonate top cover with UV protection
- Cooling capacity up to 21,6 W/m
- Suitable for surface mounting

## P W Product & Power Options

Product Name/LED Quantity	Light Color	Input Voltage (V)	Power (W/mt)	Luminous Flux (lm)	Weight (kg)
LLI30LED	WW-NW-CW	24V DC	2,4	275	0,3
LLI30LED	WW-NW-CW	24V DC	7,2	680	0,3
LLI30LED	WW-NW-CW	24V DC	12	1040	0,3
LLI45LED	WW-NW-CW	24V DC	10,8	1010	0,3
LLI45LED	WW-NW-CW	24V DC	18	1520	0,3
LLI60LED	WW-NW-CW	24V DC	4,8	550	0,3
LLI60LED	WW-NW-CW	24V DC	14,4	1580	0,3
LLI90LED	WW-NW-CW	24V DC	7,2	815	0,3
LLI180LED	WW-NW-CW	24V DC	14,4	1.600	0,3
LLI30LED	RGB	24V DC	7,2	-	0,3
LLI45LED	RGB	24V DC	10,8	-	0,3
LLI60LED	RGB	24V DC	14,4	-	0,3
LLI90LED	RGB	24V DC	21,6	-	0,3
LLI CELL20	RGB-Cell	5V DC	7	-	0,3
LLI CELL30	RGB-Cell	5V DC	10	-	0,3
LLI60LED	RGB/W	24V DC	14,4	-	0,3
LLI30LED-DMX	RGB-Pixel	24V DC	8,4	-	0,3
LLI45LED-DMX	RGB-Pixel	24V DC	12,6	-	0,3

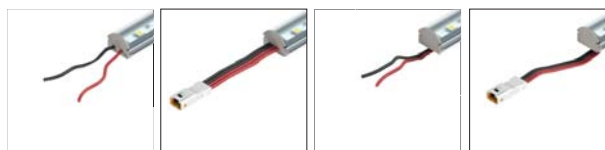
\*Power and Lumen values provided are based off of a coverless product with cold white (CW) LED.

## C Light Color Options

● <b>WW:</b> Warm White 3000K	● <b>R:</b> Red 625nm	● <b>RGB</b>
● <b>NW:</b> Natural White 4000K	● <b>G:</b> Green 525nm	● <b>RGBW</b>
● <b>CW:</b> Cold White 6500K	● <b>B:</b> Blue 465nm	● <b>RGBA</b>
	● <b>A:</b> Amber 590nm	

\*Different colors are optional

## J Junction Options



01: Cable (side outlet)

02: IP Socket (side outlet)

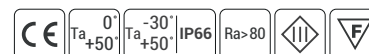
06: Cable (bottom outlet)

07: IP Socket (bottom outlet)



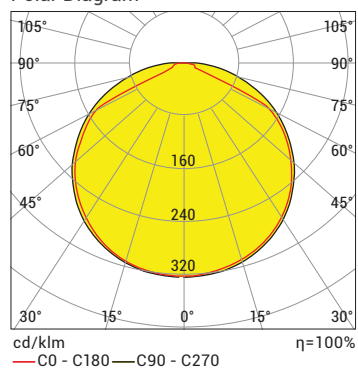
Order Code

P . W . C . J . U . I



## Product Diagrams

Polar Diagram



Conical Diagram

H (mt)	$\emptyset$ (m)	E <sub>max</sub> (lx)
0.5	1.68	2077
1.0	3.36	519
1.5	5.03	231
2.0	6.71	130
2.5	8.39	83
3.0	10.07	58

LLI 60 LED 21,6W CW IP20



Kapitoliy Sergiyev Posad Mall, Russia

## U Upper Cover Options



00: Coverless (IP20)

01: Diffused (IP40/IP66)

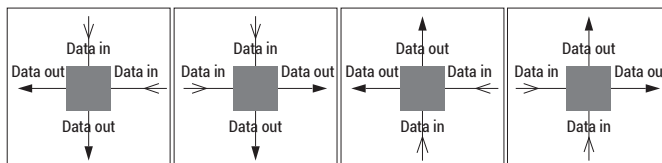
02: Transparent (IP40/IP66)

## I IP Protection Class



## External Pixel Control Accessories

### DMX Power Connector



E1: Type 1

E2: Type 2

E3: Type 3

E4: Type 4

### DMX Power Connector protection box \*



M1: Middle

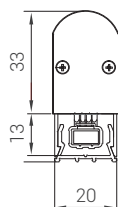
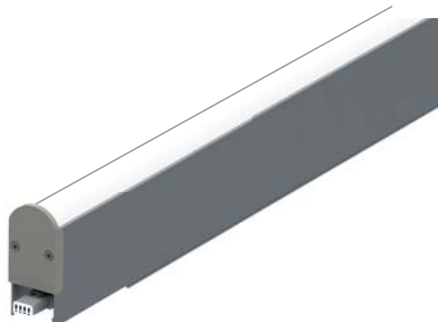
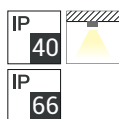
M2: Side

M3: Corner

\*Pixel control box and power connector protection box are available for Led Cell only.

## Control System Options

	Color Type	PWM	INV PWM	DMX	DALI	0-10V DC	TRIAC
WW-NW-CW		•			•	•	
R,G,B,A		•			•	•	
RGB		•					
RGBA/W		•					
RGB DMX				•			
WHITE DMX				•			



- Min. 20 micron anodized aluminum extruded profile
- Stainless connectors
- PVC side cover with UV protection
- Transparent or diffused polycarbonate top cover with UV protection
- Cooling capacity up to 21,6 W/m
- Suitable for surface mounting

## P W Product & Power Options

Product Name/LED Quantity	Light Color	Input Voltage (V)	Power (W/mt)	Luminous Flux (lm)	Weight (kg)
LLIH 30LED	WW-NW-CW	24V DC	2,4	315	0,625
LLIH 30LED	WW-NW-CW	24V DC	7,2	825	0,625
LLIH 30LED	WW-NW-CW	24V DC	12	1.220	0,625
LLIH 45LED	WW-NW-CW	24V DC	10,8	1.065	0,625
LLIH 45LED	WW-NW-CW	24V DC	18	1.775	0,625
LLIH 60LED	WW-NW-CW	24V DC	4,8	635	0,625
LLIH 60LED	WW-NW-CW	24V DC	14,4	1.465	0,625
LLIH 60LED	WW-NW-CW	24V DC	24	2.390	0,625
LLIH 90LED	WW-NW-CW	24V DC	7,2	950	0,625
LLIH 90LED	WW-NW-CW	24V DC	21,6	2.475	0,625
LLIH 180LED	WW-NW-CW	24V DC	14,4	1.600	0,625
LLIH 30LED	RGB	24V DC	7,2	-	0,625
LLIH 45LED	RGB	24V DC	10,8	-	0,625
LLIH 60LED	RGB	5V DC	14,4	-	0,625
LLIH 90LED	RGB	5V DC	21,6	-	0,625
LLIH 30LED	RGB Pixel	24V DC	8,4	-	0,625
LLIH 45LED	RGB Pixel	24V DC	12,6	-	0,625

\*Power and Lumen values provided are based off of a coverless product with cold white (CW) LED.

## C Light Color Options

● <b>WW:</b> Warm White 3000K	● <b>R:</b> Red 625nm	● RGB
● <b>NW:</b> Natural White 4000K	● <b>G:</b> Green 525nm	● RGBW
● <b>CW:</b> Cold White 6500K	● <b>B:</b> Blue 465nm	● RGBA
	● <b>A:</b> Amber 590nm	

\*Different colors are optional

## J Junction Options



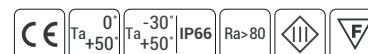
01: Cable (side outlet)      02: IP Socket (side outlet)

\*IP66 products are socket only



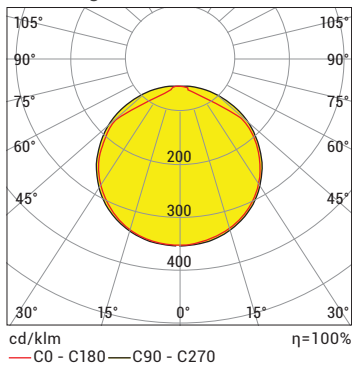
Order Code

P . W . C . J . U . I



## Product Diagrams

Polar Diagram

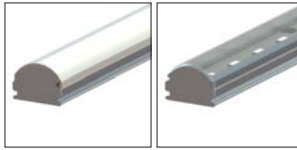


Conical Diagram

H (mt)	∅ (m)	E <sub>max</sub> (lx)
0.5	1.68	2077
1.0	3.36	519
1.5	5.03	231
2.0	6.71	130
2.5	8.39	83
3.0	10.07	58

LLIH 60 LED - 24W CW IP20

## U Upper Cover Options



01: Diffused (IP40/IP66)

02: Transparent (IP40/IP66)

## I IP Protection Class

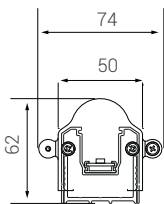
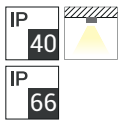


## Control System Options

Color Type	PWM	INV PWM	DMX	DALI	0-10V DC	TRIAC
WW-NW-CW	•			•	•	
R,G,B,A	•			•	•	
RGB	•					
RGBA/W	•					
RGB DMX			•			
WHITE DMX			•			



Side Sungate Hotel, Antalya



- Min. 20 micron anodized aluminum extruded profile
- Stainless connectors
- PVC side cover with UV protection
- Diffused polycarbonate front cover with UV protection
- Cooling capacity up to 36W/m
- Suitable Surface mount

## P W Product & Power Options

Product Name/LED Quantity	Light Color	Input Voltage (V)	Power (W/mt)	Luminous Flux (lm)	Weight (kg)
LLW2 30LED	WW-NW-CW	24V DC	12	490	1,6
LLW2 45LED	WW-NW-CW	24V DC	18	710	1,6
LLW2 60LED	WW-NW-CW	24V DC	14,4	730	1,6
LLW2 60LED	WW-NW-CW	24V DC	24	940	1,6
LLW2 90LED	WW-NW-CW	24V DC	7,2	315	1,6
LLW2 90LED	WW-NW-CW	24V DC	36	1.350	1,6
LLW2 180LED	WW-NW-CW	24V DC	14,4	625	1,6
LLW2 30LED	RGB	24V DC	7,2	-	1,6
LLW2 45LED	RGB	24V DC	10,8	-	1,6
LLW2 60LED	RGB	24V DC	14,4	-	1,6
LLW2 90LED	RGB	24V DC	21,6	-	1,6
LLW2 60LED	RGB/W	24V DC	14,4	-	1,6
LLW2 30LED-DMX	RGB-Pixel	24V DC	8,4	-	1,6
LLW2 45LED-DMX	RGB-Pixel	24V DC	12,6	-	1,6

\*Power and Lumen values provided are based off of a "cold white (CW) LED".

## C Light Color Options

● <b>WW:</b> Warm White 3000K	● <b>R:</b> Red 625nm	● RGB
● <b>NW:</b> Natural White 4000K	● <b>G:</b> Green 525nm	● RGBW
● <b>CW:</b> Cold White 6500K	● <b>B:</b> Blue 465nm	● RGBA
	● <b>A:</b> Amber 590nm	

\*Different colors are optional

## J Junction Options



01: Cable \*

02: IP Socket

\*IP66 products are socket only



Order Code

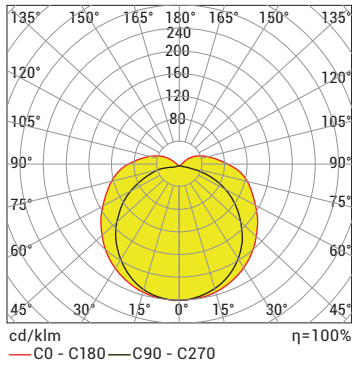
P . W . C . J . U . I . M





## Product Diagrams

Polar Diagram

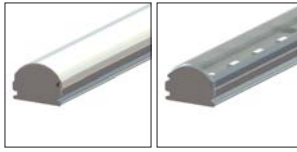


Conical Diagram

H (mt)	$\emptyset$ (m)	E <sub>max</sub> (lx)
0.5	5.56	1310
1.0	11.12	327
1.5	16.67	146
2.0	22.23	82
2.5	27.79	52
3.0	33.35	36

LLW2 90 LED CW 120D 36W 220V AC IP44

## U Upper Cover Options



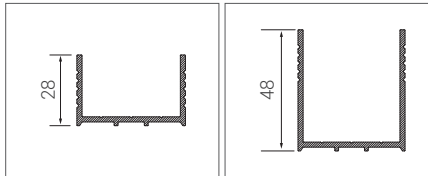
01: Diffused (IP40/IP66)

02: Transparent (IP40/IP66)

## I IP Protection Class



## M Mounting Options



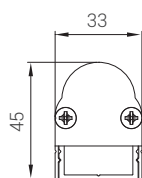
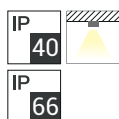
07: DT28

08: DT48

## Control System Options

Color Type	PWM	INV PWM	DMX	DALI	0-10V DC	TRIAC
WW-NW-CW	•			•	•	
R,G,B,A	•			•	•	
RGB	•					
RGBA/W	•					
RGB DMX			•			
WHITE DMX			•			





- Min. 20 micron anodized aluminum extruded profile
- Stainless connectors
- PVC side cover with UV protection
- UV protective, diffused front cover
- Cooling capacity up to 36W/m
- Suitable for surface mounting

## P W Product & Power Options

Product Name/LED Quantity	Light Color	Input Voltage (V)	Power (W/mt)	Luminous Flux (lm)	Weight (kg)
LLB33 30LED	WW-NW-CW	24V DC	12	765	0,85
LLB33 45LED	WW-NW-CW	24V DC	18	1.110	0,85
LLB33 60LED	WW-NW-CW	24V DC	14,4	1.090	0,85
LLB33 60LED	WW-NW-CW	24V DC	24	1.470	0,85
LLB33 90LED	WW-NW-CW	24V DC	7,2	505	0,85
LLB33 90LED	WW-NW-CW	24V DC	36	2.070	0,85
LLB33 180LED	WW-NW-CW	24V DC	14,4	960	0,85
LLB33 30LED	RGB	24V DC	7,2	-	0,85
LLB33 45LED	RGB	24V DC	10,8	-	0,85
LLB33 60LED	RGB	24V DC	14,4	-	0,85
LLB33 90LED	RGB	24V DC	21,6	-	0,85
LLB33 60LED	RGB/W	24V DC	14,4	-	0,85
LLB33 30LED-DMX	RGB-Pixel	24V DC	8,4	-	0,85
LLB33 45LED-DMX	RGB-Pixel	24V DC	12,6	-	0,85

\*Power and Lumen values provided are based off of a "cold white (CW) LED".

## C Light Color Options

● <b>WW:</b> Warm White 3000K	● <b>R:</b> Red 625nm	● RGB
● <b>NW:</b> Natural White 4000K	● <b>G:</b> Green 525nm	● RGBW
● <b>CW:</b> Cold White 6500K	● <b>B:</b> Blue 465nm	● RGBA
	● <b>A:</b> Amber 590nm	

\*Different colors are optional

## J Junction Options



01: Cable \*

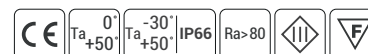
02: IP Socket

\*IP66 products are socket only



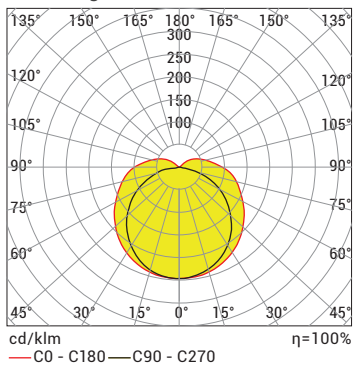
Order Code

P . W . C . J . U . I . M



## Product Diagrams

Polar Diagram



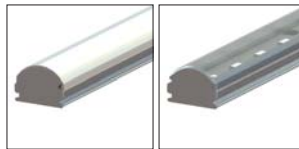
Conical Diagram

H (mt)	Ø (m)	Emax (lx)
0.5	2.45	2241
1.0	4.90	560
1.5	7.35	249
2.0	9.80	140
2.5	12.25	90
3.0	14.70	62

LLB33 90 LED CW 120D 36 W 220V AC IP44D



## U Upper Cover Options



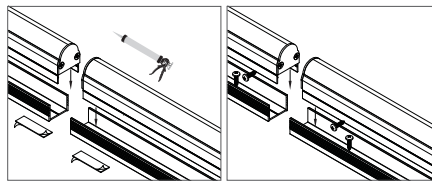
01: Diffused  
(IP40/IP66)

02: Transparent  
(IP40/IP66)

## I IP Protection Class



## M Mounting Options



02: Silicone+  
Double sided tape

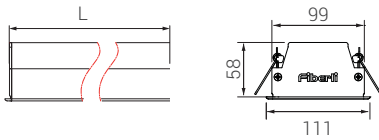
14: Screw mounting

## Control System Options

Color Type	PWM	INV PWM	DMX	DALI	0-10V DC	TRIAC
WW-NW-CW	•			•	•	
R,G,B,A	•			•	•	
RGB	•					
RGBA/W	•					
RGB DMX			•			
WHITE DMX			•			



Hilltown Mall, İzmir



- Min. 20 micron anodized aluminum extruded profile
- Stainless connectors
- ABS end caps with UV protection
- Diffused polycarbonate top cover with UV protection
- Cooling capacity up to 72 W/m
- Suitable for recessed mounting

## P W Product & Power Options

Product Name	Light Color	Input Voltage (V)	Power (W/mt)	Luminous Flux (lm)	Weight (kg)
ERL100	WW-NW-CW	24V DC	24	1.440	2,3
ERL100	WW-NW-CW	24V DC	36	2.160	2,3
ERL100	WW-NW-CW	24V DC	48	2.880	2,3
ERL100	WW-NW-CW	24V DC	54	3.240	2,3
ERL100	WW-NW-CW	24V DC	72	4.320	2,3

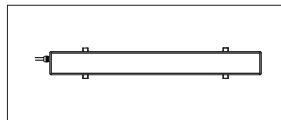
\*Power and Lumen values provided are based off of a "cold white (CW) LED".

## C Light Color Options

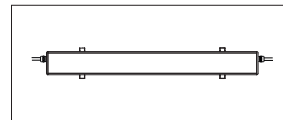
● WW: Warm White	3000K
● NW: Natural White	4000K
● CW: Cold White	6500K

\*Different colors are optional.

## K Cable Direction Options

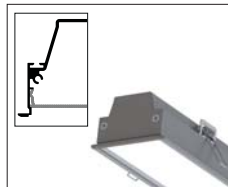


01: Single Entry

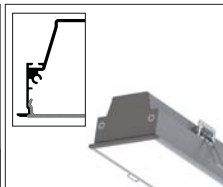


03: Dual end exit and entry

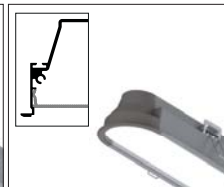
## U Upper Cover Options



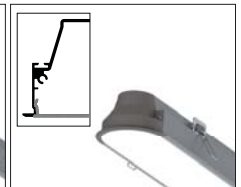
05: Flat Deep Surface



06: Flat Surface



07: Oval Deep Surface

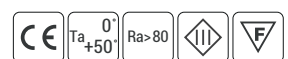


08: Oval Surface



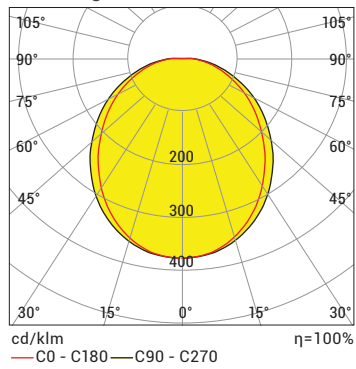
Order Code

P . W . C . K . U



## Product Diagrams

Polar Diagram

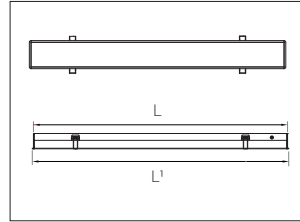


Conical Diagram

H (mt)	Ø (m)	E <sub>max</sub> (lx)
0.5	1.33	5454
1.0	2.66	1364
1.5	4.00	606
2.0	5.33	341
2.5	6.66	218
3.0	7.99	152

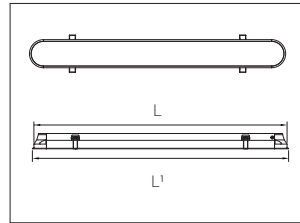
ERL100 CW 120D 72W 24V DC IP44D

## Product Length Options For ERL 100 Flat



Product Code	*Min. length (L) mm	**Application length mm	Power (W)	Outer Dimension (L1) mm
ERL100	220	200	24	L+14
ERL100	153	133	36	L+14
ERL100	120	100	48	L+14
ERL100	153	133	54	L+14
ERL100	86	66	72	L+14
ERL100	220	200	14	L+14
ERL100	120	100	28	L+14
ERL100	220	200	43	L+14

## Product Length Options For ErRL 100 Oval



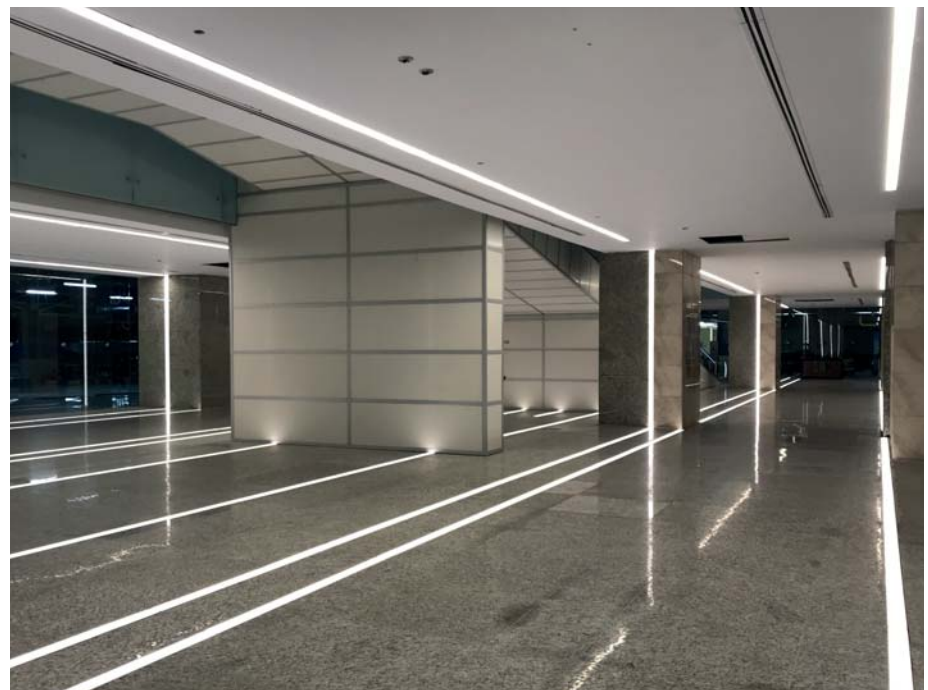
Product Code	*Min. length (L) mm	**Application length mm	Power (W)	Outer Dimension (L1) mm
ERL100	280	200	24	L+14
ERL100	213	133	36	L+14
ERL100	190	100	48	L+14
ERL100	213	133	54	L+14
ERL100	146	66	72	L+14
ERL100	280	200	14	L+14
ERL100	180	100	28	L+14
ERL100	280	200	43	L+14

\*L=product length with end caps.

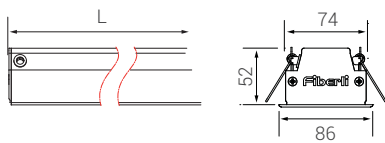
\*\*Application length formula (L) = min. length + (Application length x Qty)

## Control System Options

Color Type	PWM	INV PWM	DMX	DALI	0-10V DC	TRIAC
WW-NW-CW	•			•	•	
R,G,B,A						
RGB						
RGBA/W						
RGB DMX						
WHITE DMX						







- Min. 20 micron anodized aluminum extruded profile
- Stainless connectors
- ABS end caps with UV protection
- Diffused polycarbonate top cover with UV protection
- Cooling capacity up to 72 W/m
- Suitable for recessed mounting

## P W Product & Power Options

Product Name	Light Color	Input Voltage (V)	Power (W/mt)	Luminous Flux (lm)	Weight (kg)
ERL75	WW-NW-CW	24V DC	24	1.440	2,05
ERL75	WW-NW-CW	24V DC	36	2.160	2,05
ERL75	WW-NW-CW	24V DC	48	2.880	2,05
ERL75	WW-NW-CW	24V DC	72	4.320	2,05

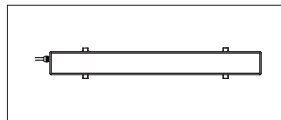
\*Power and Lumen values provided are based off of a "cold white (CW) LED".

## C Light Color Options

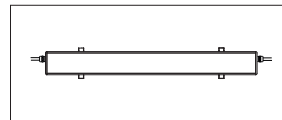
● WW: Warm White	3000K
● NW: Natural White	4000K
● CW: Cold White	6500K

\*Different colors are optional.

## K Cable Direction Options

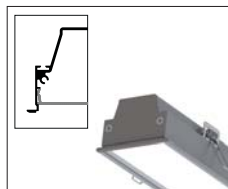


01: Single Entry

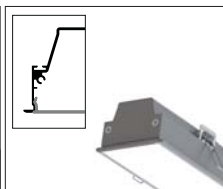


03: Dual end exit and entry

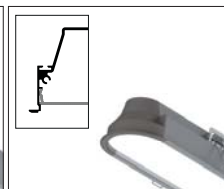
## U Upper Cover Options



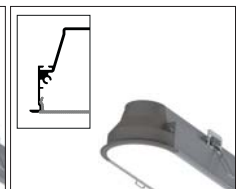
05: Flat Deep Surface



06: Flat Surface



07: Oval Deep Surface

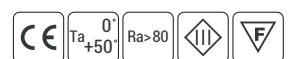


08: Oval Surface



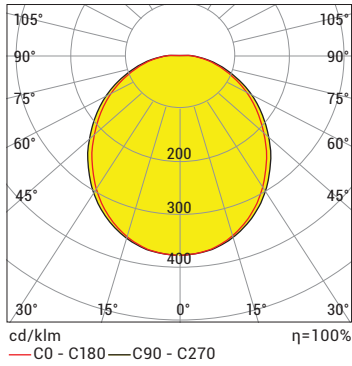
Order Code

P . W . C . K . U



## Product Diagrams

Polar Diagram

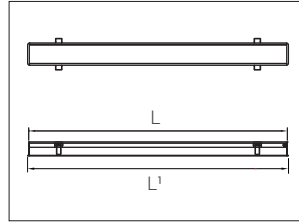


Conical Diagram

H (mt)	Ø (m)	E <sub>max</sub> (lx)
0.5	1.37	4886
1.0	2.73	1221
1.5	4.10	543
2.0	5.47	305
2.5	6.83	195
3.0	8.20	136

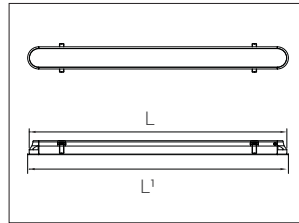
ERL75 CW 120D 72W 24V DC IP44D

## Product Length Options For ERL 75 Flat



Product Code	*Min. length (L) mm	**Application length mm	Power (W)	Outer Dimension (L1) mm
ERL75	230	200	24	L+14
ERL75	153	133	36	L+14
ERL75	120	100	48	L+14
ERL75	86	66	72	L+14
ERL75	220	200	14	L+14
ERL75	120	100	28	L+14

## Product Length Options For ErRL 75 Oval



Product Code	*Min. length (L) mm	**Application length mm	Power (W)	Outer Dimension (L1) mm
ERL75	255	200	24	L+14
ERL75	188	133	36	L+14
ERL75	155	100	48	L+14
ERL75	121	66	72	L+14
ERL75	255	200	14	L+14
ERL75	155	100	28	L+14

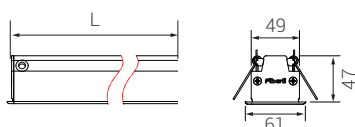
\*L=product length with end caps.

\*\*Application length formula( L )=min. length +( Application length x Qty )

## Control System Options

Color Type	PWM	INV PWM	DMX	DALI	0-10V DC	TRIAC
WW-NW-CW	•			•	•	
R,G,B,A						
RGB						
RGBA/W						
RGB DMX						
WHITE DMX						





- Min. 20 micron anodized aluminum extruded profile
- Stainless connectors
- ABS end caps with UV protection
- Diffused polycarbonate top cover with UV protection
- Cooling capacity up to 36 W/m
- Suitable for recessed mounting

## P W Product & Power Options

Product Name	Light Color	Input Voltage (V)	Power (W/mt)	Luminous Flux (lm)	Weight (kg)
ERL50	WW-NW-CW	24V DC	14	840	1,6
ERL50	WW-NW-CW	24V DC	24	1.440	1,6
ERL50	WW-NW-CW	24V DC	36	2.160	1,6

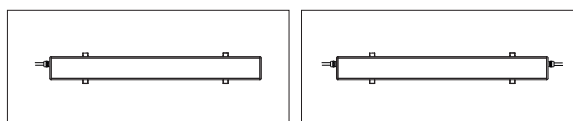
\*Power and Lumen values provided are based off of a "cold white (CW) LED".

## C Light Color Options

- WW: Warm White 3000K
- NW: Natural White 4000K
- CW: Cold White 6500K

\*Different colors are optional.

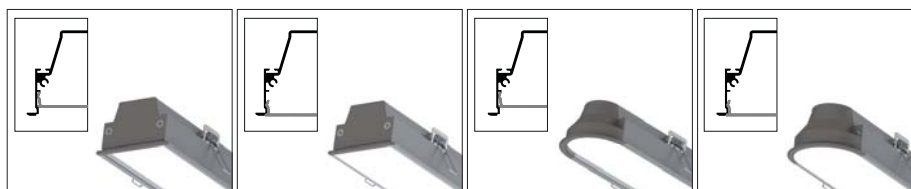
## K Cable Direction Options



01: Single Entry

03: Dual end exit and entry

## U Upper Cover Options



05: Flat Deep Surface

06: Flat Surface

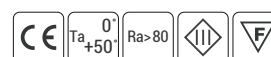
07: Oval Deep Surface

08: Oval Surface



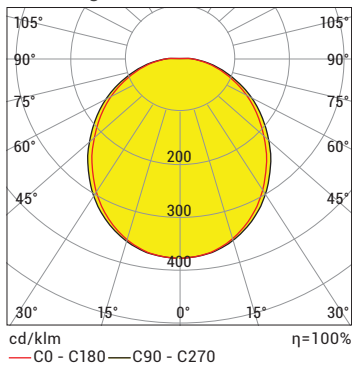
Order Code

P . W . C . K . U



## Product Diagrams

Polar Diagram

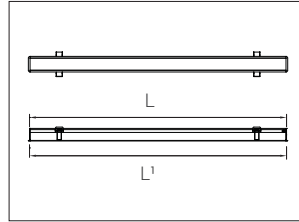


Conical Diagram

H (mt)	∅ (m)	E <sub>max</sub> (lx)
0.5	0.79	2844
1.0	1.57	711
1.5	2.36	316
2.0	3.15	178
2.5	3.93	114
3.0	4.72	79

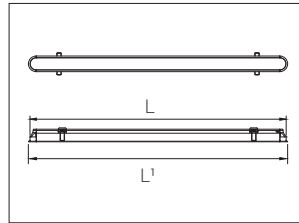
ERL50 CW 120D 36W 24V DC IP44D

## Product Length Options For ERL 50 Flat



Product Code	*Min. length (L) mm	**Application length mm	Power (W)	Outer Dimension (L1) mm
ERL50	220	200	12	L+14
ERL50	153	133	18	L+14
ERL50	120	100	24	L+14
ERL50	86	66	36	L+14
ERL50	210	200	7	L+14
ERL50	110	100	14	L+14

## Product Length Options For ErRL 50 Oval



Product Code	*Min. length (L) mm	**Application length mm	Power (W)	Outer Dimension (L1) mm
ERL50	230	200	24	L+14
ERL50	163	133	36	L+14
ERL50	130	100	48	L+14
ERL50	96	66	72	L+14
ERL50	230	200	14	L+14
ERL50	130	100	28	L+14

\*L=product length with end caps.

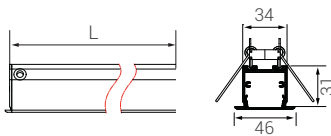
\*\*Application length formula (L) = min. length + (Application length x Qty)

## Control System Options

Color Type	PWM	INV PWM	DMX	DALI	0-10V DC	TRIAC
WW-NW-CW	•			•	•	
R,G,B,A						
RGB						
RGBA/W						
RGB DMX						
WHITE DMX						



Ashgabat Olympic Stadium, Turkmenistan



- Min. 20 micron anodized aluminum extruded profile
- Stainless connectors
- ABS end caps with UV protection
- Diffused polycarbonate top cover with UV protection
- Cooling capacity up to 36 W/m
- Suitable for recessed mounting

## P W Product & Power Options

Product Name	Light Color	Input Voltage (V)	Power (W/mt)	Luminous Flux (lm)	Weight (kg)
ERL35	WW-NW-CW	24V DC	7	420	1,1
ERL35	WW-NW-CW	24V DC	14	840	1,1
ERL35	WW-NW-CW	24V DC	24	1.440	1,1
ERL35	WW-NW-CW	24V DC	36	2.160	1,1

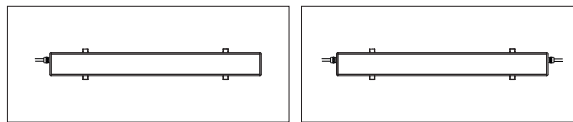
\*Power and Lumen values provided are based off of a "cold white (CW) LED".

## C Light Color Options

● WW: Warm White	3000K
● NW: Natural White	4000K
● CW: Cold White	6500K

\*Different colors are optional.

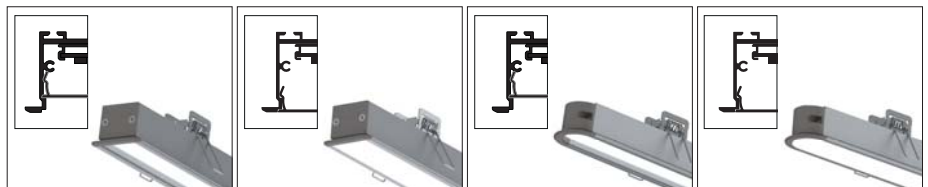
## K Cable Direction Options



01: Single Entry

03: Dual end exit and entry

## U Upper Cover Options



05: Flat Deep Surface

06: Flat Surface

07: Oval Deep Surface

08: Oval Surface

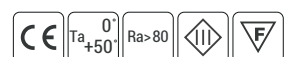
## Control System Options

Color Type	PWM	INV PWM	DMX	DALI	0-10V DC	TRIAC
WW-NW-CW	●			●	●	
R,G,B,A						
RGB						
RGBA/W						
RGB DMX						
WHITE DMX						



Order Code

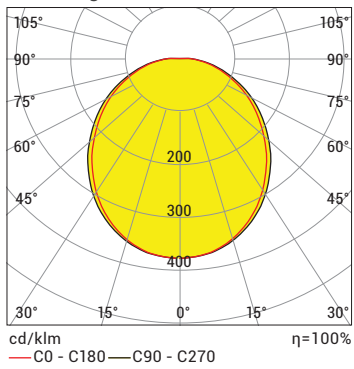
P . W . C . K . U





## Product Diagrams

Polar Diagram

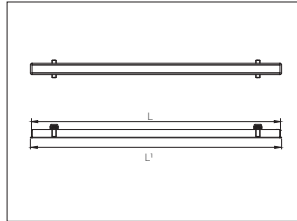


Conical Diagram

H (mt)	Ø (m)	E <sub>max</sub> (lx)
0.5	1.09	1806
1.0	2.17	451
1.5	3.26	201
2.0	4.35	113
2.5	5.44	72
3.0	6.52	50

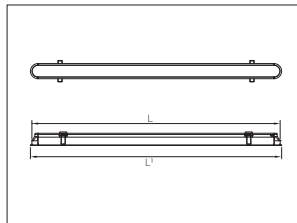
ERL35 CW 120D 24W 24V DC IP44D

## Product Length Options For ERL 35 Flat



Product Code	*Min. length (L) mm	**Application length mm	Power (W)	Outer Dimension (L1) mm
ERL35	120	100	7	L+14
ERL35	220	200	12	L+14
ERL35	120	100	14	L+14
ERL35	153	133	18	L+14
ERL35	120	100	24	L+14
ERL35	86	66	36	L+14
ERL35	210	200	7	L+14
ERL35	110	100	14	L+14

## Product Length Options For ErRL 35 Oval



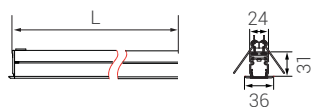
Product Code	*Min. length (L) mm	**Application length mm	Power (W)	Outer Dimension (L1) mm
ERL35	135	100	7	L+14
ERL35	235	200	12	L+14
ERL35	135	100	14	L+14
ERL35	168	133	18	L+14
ERL35	135	100	24	L+14
ERL35	101	66	36	L+14
ERL35	235	200	14	L+14
ERL35	135	100	28	L+14

\*L=product length with end caps.

\*\*Application length formula (L) = min. length + (Application length x Qty)



Salaris Shopping Mall, Moscow



- Min. 20 micron anodized aluminum extruded profile
- Stainless connectors
- ABS end caps with UV protection
- Diffused polycarbonate top cover with UV protection
- Cooling capacity up to 24 W/m
- Suitable for recessed mounting

## P W Product & Power Options

Product Name	Light Color	Input Voltage (V)	Power (W/mt)	Luminous Flux (lm)	Weight (kg)
ERL25	WW-NW-CW	24V DC	7	420	0,95
ERL25	WW-NW-CW	24V DC	14	840	0,95
ERL25	WW-NW-CW	24V DC	24	1.440	0,95

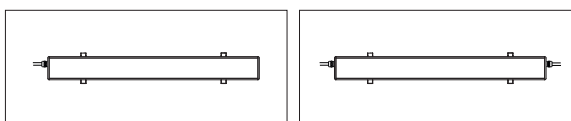
\*Power and Lumen values provided are based off of a "cold white (CW) LED".

## C Light Color Options

● WW: Warm White	3000K
● NW: Natural White	4000K
● CW: Cold White	6500K

\*Different colors are optional.

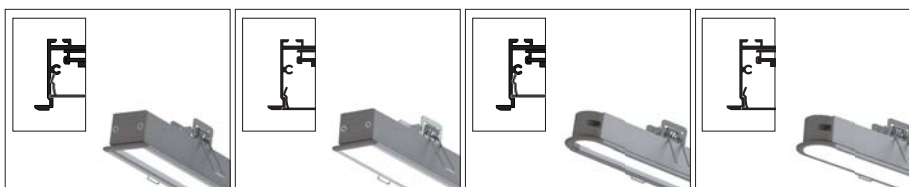
## K Cable Direction Options



01: Single Entry

03: Dual end exit and entry

## U Upper Cover Options



05: Flat Deep Surface

06: Flat Surface

07: Oval Deep Surface

08: Oval Surface

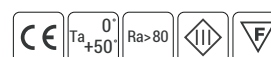
## Control System Options

Color Type	PWM	INV PWM	DMX	DALI	0-10V DC	TRIAC
WW-NW-CW	●			●	●	
R,G,B,A						
RGB						
RGBA/W						
RGB DMX						
WHITE DMX						



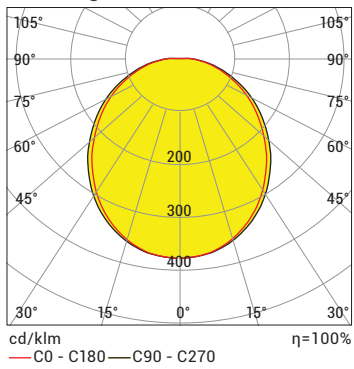
Order Code

P . W . C . K . U

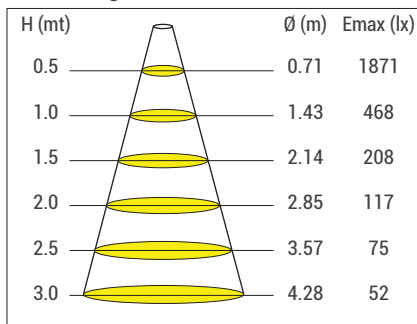


## Product Diagrams

Polar Diagram

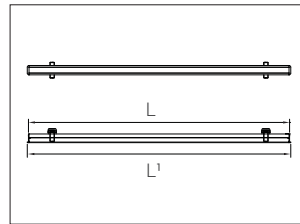


Conical Diagram



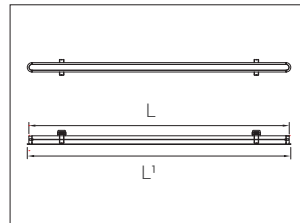
ERL25 CW 120D 24W 24V DC IP44D

## Product Length Options For ERL25 Flat



Product Code	*Min. length (L) mm	**Application length mm	Power (W)	Outer Dimension (L1) mm
ERL25	120	100	7	L+14
ERL25	220	200	12	L+14
ERL25	120	100	14	L+14
ERL25	153	133	18	L+14
ERL25	120	100	24	L+14
ERL25	220	200	7	L+14
ERL25	120	100	14	L+14

## Product Length Options For ErRL25 Oval



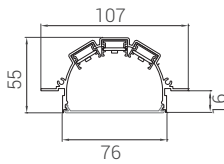
Product Code	*Min. length (L) mm	**Application length mm	Power (W)	Outer Dimension (L1) mm
ERL25	125	100	7	L+14
ERL25	225	200	12	L+14
ERL25	125	100	14	L+14
ERL25	158	133	18	L+14
ERL25	125	100	24	L+14
ERL25	225	200	7	L+14
ERL25	125	100	14	L+14

\*L=product length with end caps.

\*\*Application length formula (L) = min. length + (Application length x Qty)



Algorithm Business Center, Russia



- Min. 20 micron anodized aluminum extruded profile
- Metal end cap
- Trimless housing design
- Polycarbonate front cover with UV protection
- Cooling capacity up to 72 W/m
- Suitable for recessed mounting

## P W Product & Power Options

Product Name/LED Quantity	Light Color	Input Voltage (V)	Power (W/mt)	Luminous Flux (lm)	Weight (kg)
LLG60LED	WW-NW-CW	24V DC	24	1.190	1,2
LLG90LED	WW-NW-CW	24V DC	36	1.695	1,2

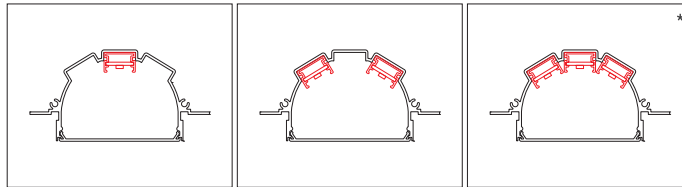
\*Power and Lumen values provided are based off of a "cold white (CW) LED".

## C Light Color Options

● <b>WW:</b> Warm White 3000K	● <b>R:</b> Red 625nm	● RGB
● <b>NW:</b> Natural White 4000K	● <b>G:</b> Green 525nm	● RGBW
● <b>CW:</b> Cold White 6500K	● <b>B:</b> Blue 465nm	● RGBA
	● <b>A:</b> Amber 590nm	

\*Different colors are optional

## R LED Density



01: Single row Ledline

02: Double row Ledline

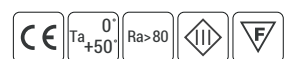
03: Triple row Ledline

\*Cooling capacity up to 72W/m



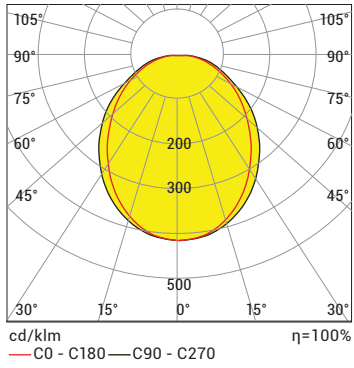
Order Code

P . W . C . R



## Product Diagrams

Polar Diagram



Conical Diagram

H (mt)	$\emptyset$ (m)	Emax (lx)
0.5	1.13	2717
1.0	2.25	679
1.5	3.38	302
2.0	4.51	170
2.5	5.63	109
3.0	6.76	75

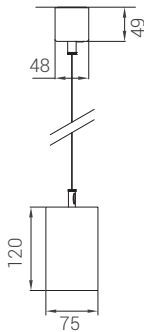
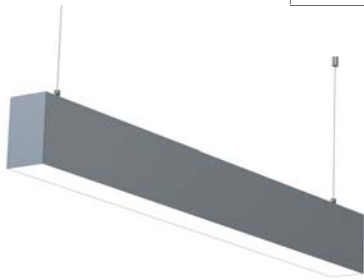
LLG 90 LED CW 120D 36W 24V DC IP44D

## Control System Options

Color Type	PWM	INV PWM	DMX	DALI	0-10V DC	TRIAC
WW-NW-CW	•			•	•	
R,G,B,A	•			•	•	
RGB	•					
RGBA/W	•					
RGB DMX						
WHITE DMX						







- Min. 20 micron anodized aluminum extruded profile
- Stainless connectors
- Metal end cap
- Polycarbonate front cover with UV protection
- Cooling capacity up to 70 W/m
- Suitable for as pendant and surface mounting
- Standard rope size 150cm

## P W Product & Power Options

Product Name	Light Color	Input Voltage (V)	Power (W)	Luminous Flux (lm)	Fixture Model	Length (L) (mm)	Weight (kg)
EPL75-120	WW-NW-CW	220-240V AC	45	4.050	Direct	1217	4,1
EPL75-120	WW-NW-CW	220-240V AC	55	4.950	Direct + Indirect	1217	4,2
EPL75-160	WW-NW-CW	220-240V AC	68	6.120	Direct	1617	5,3
EPL75-160	WW-NW-CW	220-240V ACC	83	7.470	Direct + Indirect	1617	5,4

\*Power and Lumen values provided are based off of a "cold white (CW) LED".

## C Light Color Options

● WW: Warm White	3000K
● NW: Natural White	4000K
● CW: Cold White	6500K

\*Different colors are optional.

## S Driver Options

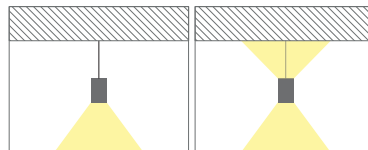
- 01 Standard Driver
- 06 DALI Driver
- 11 Driver + Emergency Lighting Kit 1h
- 12 Driver + Emergency Lighting Kit 3h

## G Housing Color/Coating Options



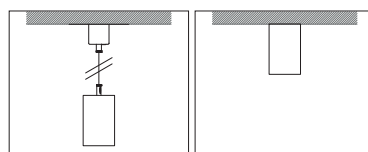
01: Anodized RAL9005 RAL9016 29: Walnut 30: Dark Walnut 31: Oak 32: Light Walnut

## E Additional Pieces Options



06: Direct 07: Direct / Indirect

## M Mounting Options

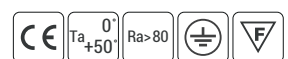


24: Pendant 25: Surface Mount



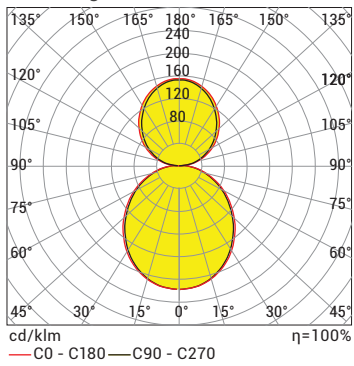
Order Code

P . W . C . S . G . E . M

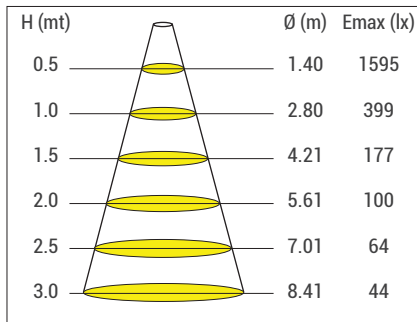


## Product Diagrams

Polar Diagram



Conical Diagram

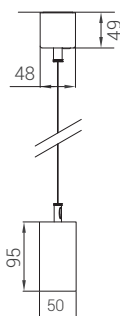
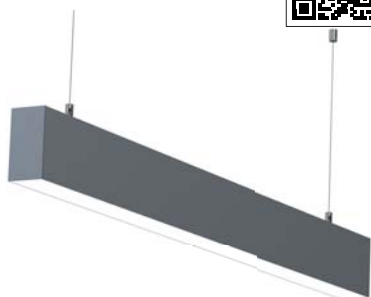


EPL75 CW DIRECT INDIRECT 44W 220V AC IP44D

## Control System Options

Color Type	PWM	INV PWM	DMX	DALI	0-10V DC	TRIAC
WW-NW-CW	•			•	•	
R,G,B,A						
RGB						
RGBA/W						
RGB DMX						
WHITE DMX						





- Min. 20 micron anodized aluminum extruded profile
- Stainless connectors.
- Metal end cap
- Polycarbonate front cover with UV protection
- Cooling capacity up to 70 W/m
- Suitable for as pendant and surface mounting
- Standard rope size 150cm

## P W Product & Power Options

Product Name	Light Color	Input Voltage (V)	Power (W)	Luminous Flux (lm)	Fixture Model	Length (L) (mm)	Weight (kg)
EPL50-120	WW-NW-CW	220-240V AC	15	1.350	Direct	1217	3,5
EPL50-120	WW-NW-CW	220-240V AC	30	2.700	Direct	1217	3,5
EPL50-120	WW-NW-CW	220-240V AC	45	4.050	Direct + Indirect	1217	3,6
EPL50-160	WW-NW-CW	220-240V AC	25	2.250	Direct	1617	4,1
EPL50-160	WW-NW-CW	220-240V AC	42	3.780	Direct	1617	4,1
EPL50-160	WW-NW-CW	220-240V AC	63	5.670	Direct + Indirect	1617	4,2

\*Power and Lumen values provided are based off of a "cold white (CW) LED".

## C Light Color Options

● WW: Warm White	3000K
● NW: Natural White	4000K
● CW: Cold White	6500K

\*Different colors are optional.

## S Driver Options

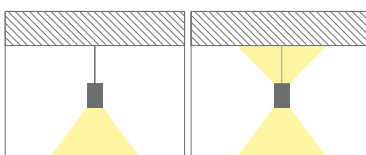
- 01 Standard Driver
- 06 DALI Driver
- 11 Driver + Emergency Lighting Kit 1h
- 12 Driver + Emergency Lighting Kit 3h

## G Housing Color/Coating Options



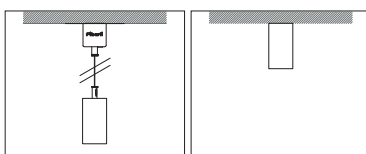
01: Anodized RAL9005 RAL9016 29: Walnut 30: Dark Walnut 31: Oak 32: Light Walnut

## E Additional Pieces Options



06: Direct 07: Direct / Indirect

## M Mounting Options

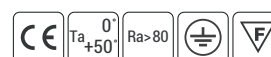


24: Pendant 25: Surface Mount



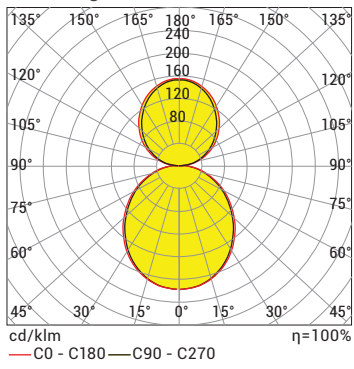
Order Code

P . W . C . S . G . E . M

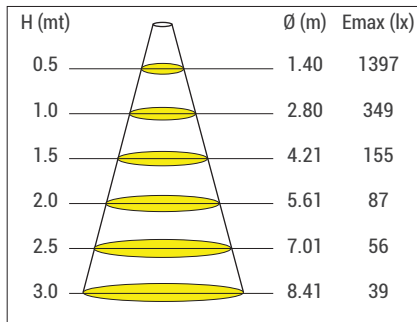


## Product Diagrams

Polar Diagram



Conical Diagram

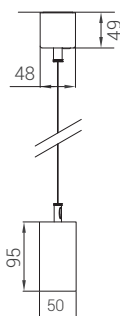
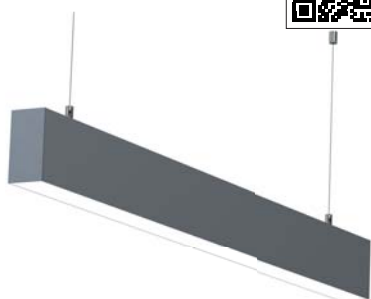


EPL50 DIRECT INDIRECT CW 42W 220V AC IP44D

## Control System Options

Color Type	PWM	INV PWM	DMX	DALI	0-10V DC	TRIAC
WW-NW-CW	•			•	•	
R,G,B,A						
RGB						
RGBA/W						
RGB DMX						
WHITE DMX						





- Min. 20 micron anodized aluminum extruded profile
- Stainless connectors.
- Metal end cap
- Polycarbonate front cover with UV protection
- Cooling capacity up to 70 W/m
- Suitable for as pendant and surface mounting
- Standard rope size 150cm

## P W Product & Power Options

Product Name	Light Color	Input Voltage (V)	Power (W)	Luminous Flux (lm)	Fixture Model	Length (L) (mm)	Weight (kg)
EPL35-120	WW-NW-CW	220-240V AC	15	1.350	Direct	1217	2,9
EPL35-120	WW-NW-CW	220-240V AC	30	2.700	Direct	1217	2,9
EPL35-120	WW-NW-CW	220-240V AC	45	4.050	Direct + Indirect	1217	3,0
EPL35-160	WW-NW-CW	220-240V AC	25	2.250	Direct	1617	3,8
EPL35-160	WW-NW-CW	220-240V AC	42	3.780	Direct	1617	3,8
EPL35-160	WW-NW-CW	220-240V AC	63	5.670	Direct + Indirect	1617	3,9

\*Power and Lumen values provided are based off of a "cold white (CW) LED".

## C Light Color Options

● WW: Warm White	3000K
● NW: Natural White	4000K
● CW: Cold White	6500K

\*Different colors are optional.

## S Driver Options

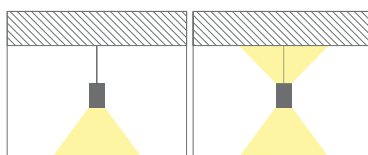
- 01 Standard Driver
- 06 DALI Driver
- 11 Driver + Emergency Lighting Kit 1h
- 12 Driver + Emergency Lighting Kit 3h

## G Housing Color/Coating Options



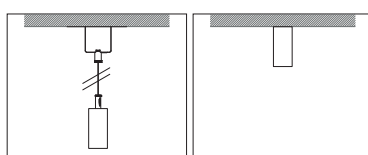
01: Anodized RAL9005 RAL9016 29: Walnut 30: Dark Walnut 31: Oak 32: Light Walnut

## E Additional Pieces Options



06: Direct 07: Direct / Indirect

## M Mounting Options

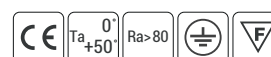


24: Pendant 25: Surface Mount



Order Code

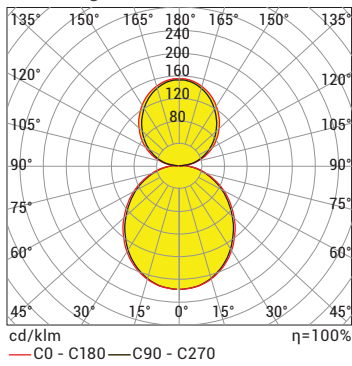
P . W . C . S . G . E . M



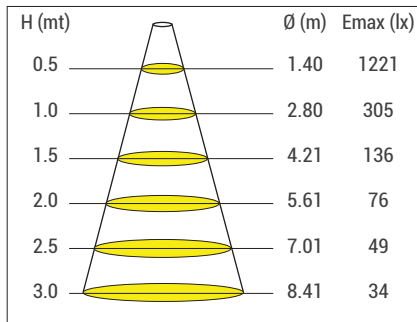


## Product Diagrams

Polar Diagram



Conical Diagram

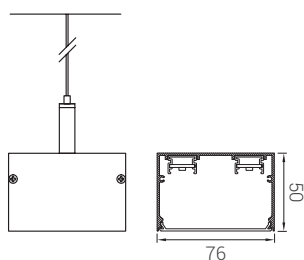
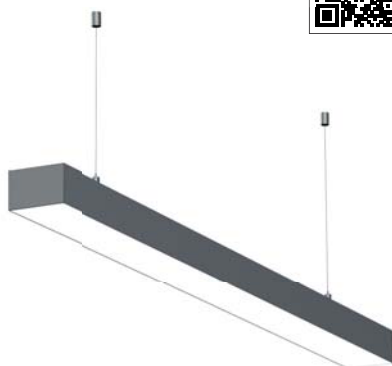


EPL35 CW DIRECT INDIRECT 34W 220V AC IP44D

## Control System Options

Color Type	PWM	INV PWM	DMX	DALI	0-10V DC	TRIAC
WW-NW-CW	•			•	•	
R,G,B,A						
RGB						
RGBA/W						
RGB DMX						
WHITE DMX						





- Min. 20 micron anodized aluminum extruded profile
- Metal end cap
- Polycarbonate front cover with UV protection
- Cooling capacity up to 72 W/m
- Suitable for as pendant mounting
- Standard rope size 150cm

## P W Product & Power Options

Product Name/LED Quantity	Light Color	Input Voltage (V)	Power (W/mt)	Luminous Flux (lm)	Weight (kg)
LLA30LED	WW-NW-CW	24V DC	7,2	650	1,2
LLA30LED	WW-NW-CW	24V DC	12	1.080	1,2
LLA45LED	WW-NW-CW	24V DC	10,8	980	1,2
LLA45LED	WW-NW-CW	24V DC	18	1.630	1,2
LLA60LED	WW-NW-CW	24V DC	14,4	1.300	1,2
LLA60LED	WW-NW-CW	24V DC	24	2.200	1,2
LLA90LED	WW-NW-CW	24V DC	36	3.250	1,2

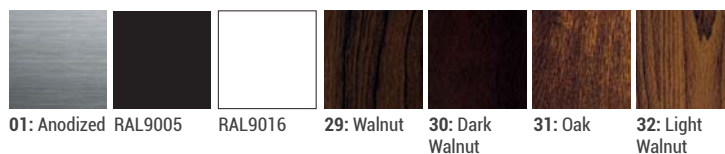
\*Power and Lumen values provided are based off of a "cold white (CW) LED".

## C Light Color Options

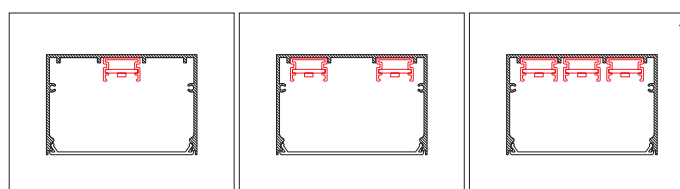
● WW: Warm White	3000K
● NW: Natural White	4000K
● CW: Cold White	6500K

\*Different colors are optional

## G Housing Color/Coating Options

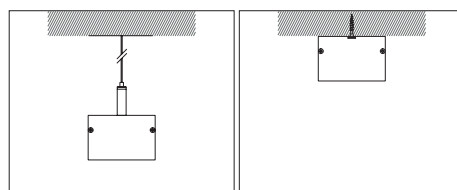


## R LED Density



01: Single row Ledline      02: Double row Ledline      03: Triple row Ledline  
\*Cooling capacity up to 36W/m

## M Mounting Options

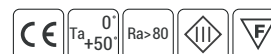


25: Pendant      26: Surface mount



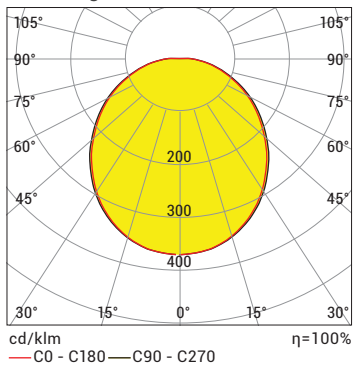
Order Code

P . W . C . R . M



## Product Diagrams

Polar Diagram









Conical Diagram

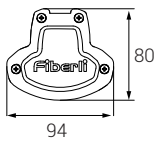
H (mt)	Ø (m)	E <sub>max</sub> (lx)
0.5	1.38	2250
1.0	2.76	562
1.5	4.14	250
2.0	5.53	141
2.5	6.91	90
3.0	8.29	62

LLA 90 LED CW 120D 36W 24V DC IP44D

## Control System Options

Color Type	PWM	INV PWM	DMX	DALI	0-10V DC	TRIAC
WW-NW-CW 	•			•	•	
R,G,B,A 						
RGB 						
RGBA/W 						
RGB DMX 						
WHITE DMX 						





- Min. 20 micron anodized aluminum extruded profile
- Stainless connectors
- PVC side cover with UV protection
- Transparent or diffused polycarbonate top cover with UV protection
- Suitable for surface mounting

## P W Product & Power Options

Product Name	Light Color	Input Voltage (V)	Power (W)	Luminous Flux (lm)	Length (mm)	Weight (kg)
LLET30	WW-NW-CW	220V-240 AC	12	1.550	331	0,9
LLET60	WW-NW-CW	220V-240 AC	15	1.950	636	1,5
LLET60	WW-NW-CW	220V-240 AC	22	2.850	636	1,5
LLET120	WW-NW-CW	220V-240 AC	29	3.775	1236	2,8
LLET120	WW-NW-CW	220V-240 AC	42	5.450	1236	2,8
LLET160	WW-NW-CW	220V-240 AC	55	7.150	1636	3,8
LLET160	WW-NW-CW	220V-240 AC	85	11.050	1636	3,8

\*Power and Lumen values provided are based off of a "cold white (CW) LED".

## C Light Color Options

● WW: Warm White	3000K
● NW: Natural White	4000K
● CW: Cold White	6500K

\*Different colors are optional

## S Driver Options

- 01 Standard Driver
- 06 DALI Driver
- 11 Driver + Emergency Lighting Kit 1h
- 12 Driver + Emergency Lighting Kit 3h
- 16 Radar Sensor

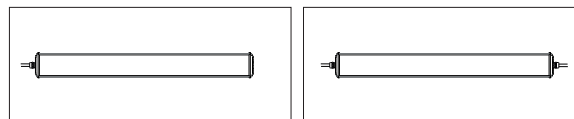
## J Junction Options



01: Cable

02: IP Socket

## K Cable Direction Options



01: Single Entry

03: Dual end exit and entry



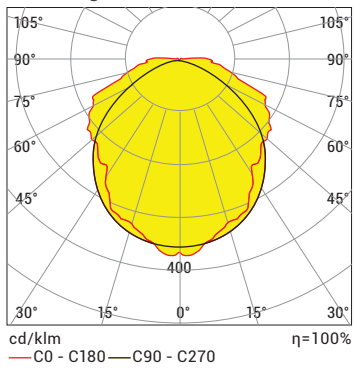
Order Code

P . W . C . S . J . K . U . M

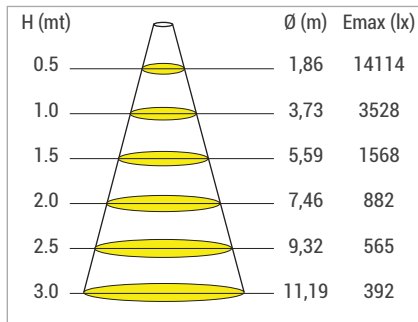


## Product Diagrams

Polar Diagram



Conical Diagram



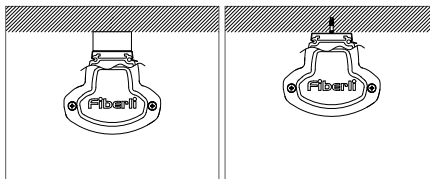
LLET 160 CW 120D 85W 220V AC IP66 TRA. COVER

## U Upper Cover Options



01: Diffused     02: Transparent

## M Mounting Options

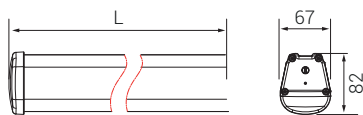


25: Pendant mount     26: Surface mount

## Control System Options

Color Type	PWM	INV PWM	DMX	DALI	0-10V DC	TRIAC
WW-NW-CW				•	•	
R,G,B,A				•	•	
RGB						
RGBA/W						
RGB DMX						
WHITE DMX						





- Anodized aluminum extrusion profile body
- UV protected PVC end caps
- High efficient PMMA diffuser
- Stainless steel mounting brackets
- Hidden IP67 gland
- Optional emergency lighting kit

## P W Product & Power Options

Product Name	Light Color	Input Voltage (V)	Power (W)	Luminous Flux (lm)	Length (mm)	Weight (kg)
LLEN60-PRO	WW-NW-CW	220V-240 AC	22	3.300	624	1,1
LLEN120-PRO	WW-NW-CW	220V-240 AC	29	4.350	1224	2,0
LLEN120-PRO	WW-NW-CW	220V-240 AC	40	6.000	1224	2,0
LLEN160-PRO	WW-NW-CW	220V-240 AC	40	6.000	1624	3,5
LLEN160-PRO	WW-NW-CW	220V-240 AC	55	8.250	1624	3,5

\*Power and Lumen values provided are based off of a "cold white (CW) LED".

## C Light Color Options

● WW: Warm White	3000K	● R: Red	625nm
● NW: Natural White	4000K	● G: Green	525nm
● CW: Cold White	6500K	● B: Blue	465nm
		● A: Amber	590nm

\*Different colors are optional

## S Driver Options

- 01 Standard Driver
- 06 DALI Driver
- 11 Driver + Emergency Lighting Kit 1h
- 12 Driver + Emergency Lighting Kit 3h

## U Upper Cover Options

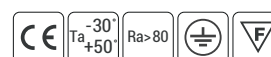


01: Diffused      02: Transparent



Order Code

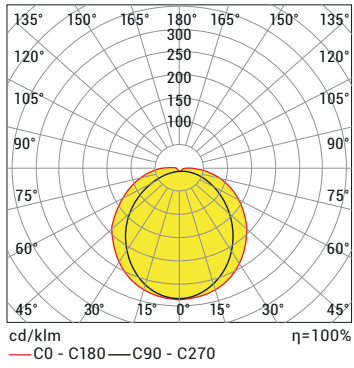
P . W . C . S . U



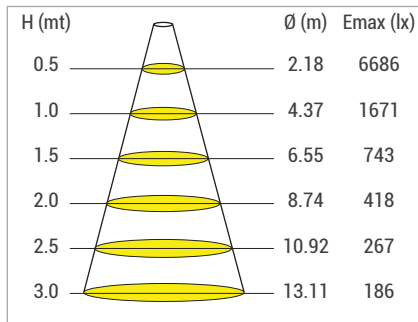


## Product Diagrams

Polar Diagram



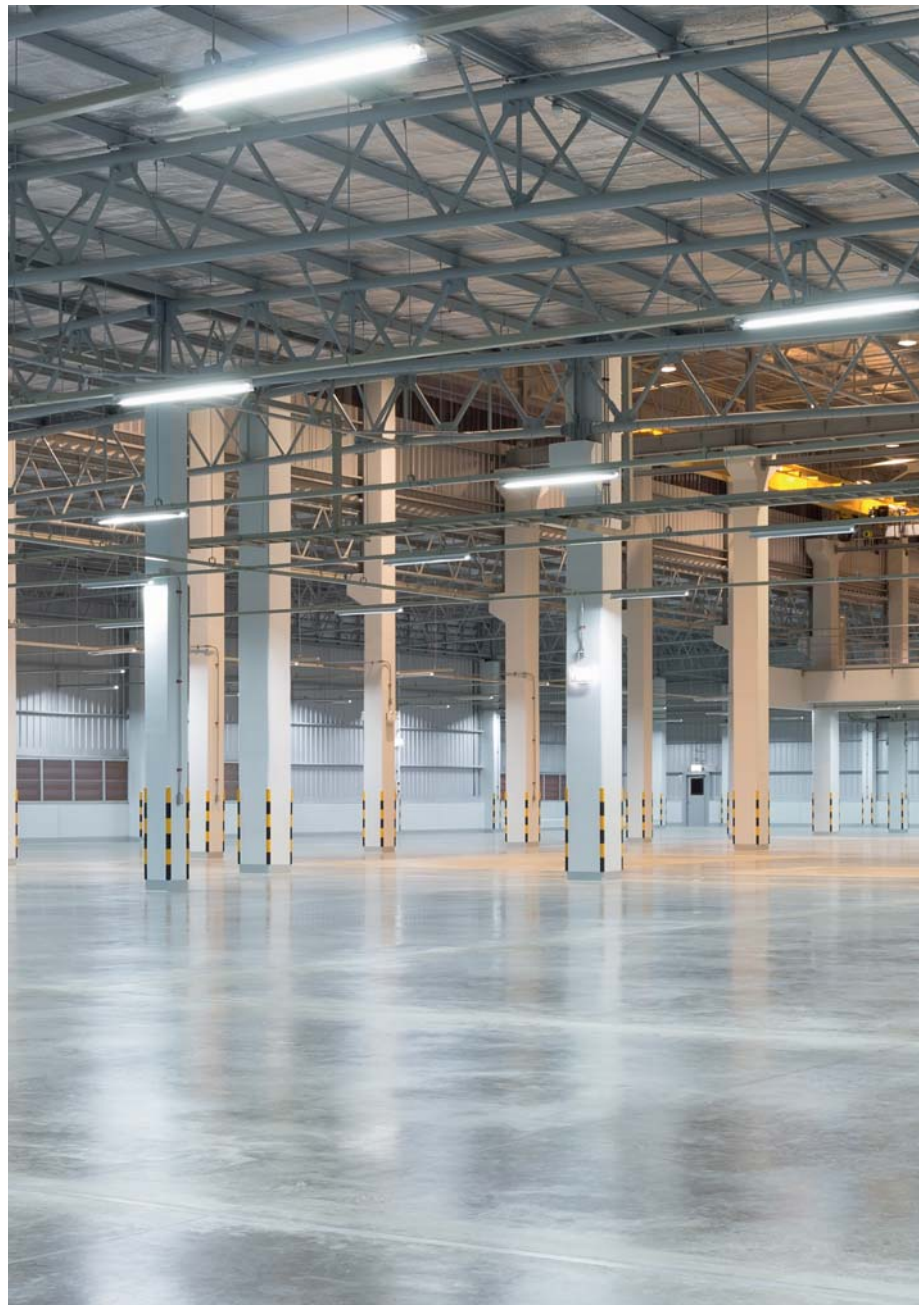
Conical Diagram



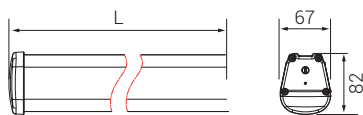
LLEN120-PRO NW40 40W 220VAC IP65

## Control System Options

Color Type	PWM	INV PWM	DMX	DALI	0-10V DC	TRIAC
WW-NW-CW				•	•	
R,G,B,A						
RGB						
RGBA/W						
RGB DMX						
WHITE DMX						



Industrial Factory Lighting



- Anodized aluminum extrusion profile body
- UV protected PVC end caps
- High efficient PMMA diffuser
- Stainless steel mounting brackets
- Hidden IP67 gland
- Optional emergency lighting kit

## P W Product & Power Options

Product Name	Light Color	Input Voltage (V)	Power (W)	Luminous Flux (lm)	Length (mm)	Weight (kg)
LLEN120-TECO	WW-NW-CW	220V-240 AC	29	3.190	1224	2,0
LLEN120-TECO	WW-NW-CW	220V-240 AC	40	4.400	1224	2,0
LLEN160-TECO	WW-NW-CW	220V-240 AC	40	4.400	1624	3,5
LLEN160-TECO	WW-NW-CW	220V-240 AC	55	6.050	1624	3,5

\*Power and Lumen values provided are based off of a "cold white (CW) LED".

## C Light Color Options

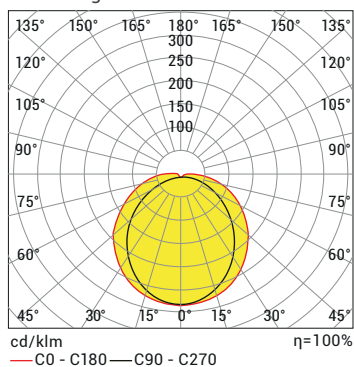
● WW: Warm White	3000K
● NW: Natural White	4000K
● CW: Cold White	6500K

## Control System Options

Color Type	PWM	INV PWM	DMX	DALI	0-10V DC	TRIAC
WW-NW-CW						
R,G,B,A						
RGB						
RGBA/W						
RGB DMX						
WHITE DMX						

## Product Diagrams

Polar Diagram



Conical Diagram

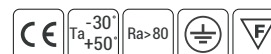
H (mt)	∅ (m)	E <sub>max</sub> (lx)
0.5	2.32	6686
1.0	4.64	1671
1.5	6.97	743
2.0	9.29	418
2.5	11.61	267
3.0	13.93	186

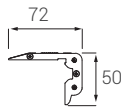
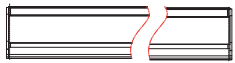
LLEN120-TECO CW65 40W 220VAC IP65



Order Code

P . W . C





- Black anodised aluminum extrusion profile
- Homogeneous light with an opaque polycarbonate tube
- Two-way lighting, top and bottom
- Rubber non-slip strip
- Surface mounting

## P W Product & Power Options

Product Name	Light Color	Input Voltage (V)	Power (W)	Luminous Flux (lm)	Fixture model	Weight (kg/mt)
LLST	WW-NW-CW	24V DC	9,6	480	Direct+Indirect	1,3
LLST	WW/A	24V DC	9,6	240	Direct+Indirect	1,3
LLST	NW/A	24V DC	9,6	240	Direct+Indirect	1,3
LLST	CW/A	24V DC	9,6	240	Direct+Indirect	1,3
LLST	R,G,B,A	24V DC	4,8	-	Direct	1,2

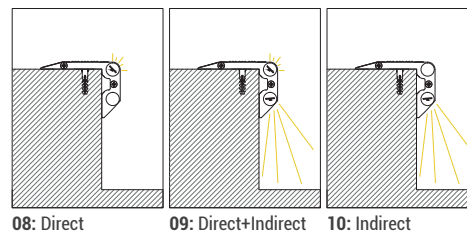
\*Power and Lumen values provided are based off of a "cold white (CW) LED".

## C Light Color Options

● WW: Warm White 3000K	● R: Red 625nm
● NW: Natural White 4000K	● G: Green 525nm
● CW: Cold White 6500K	● B: Blue 465nm
	● A: Amber 590nm

\*Different colors are optional

## E Additional Pieces Options



08: Direct      09: Direct+Indirect      10: Indirect

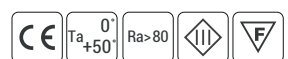
## Control System Options

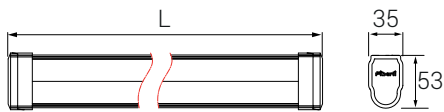
Color Type	PWM	INV PWM	DMX	DALI	0-10V DC	TRIAC
WW-NW-CW	•			•	•	
R,G,B,A	•			•	•	
RGB						
RGBA/W						
RGB DMX						
WHITE DMX						



Order Code

P . W . C . E





- Anodized aluminum extruded profile
- PVC end caps with increased UV resistance
- High efficiency semi-transparent or opal PC diffuser
- Stainless steel mounting clip and hanger part

## P W Product & Power Options

Product Name	Light Color	Input Voltage (V)	Power (W)	Luminous Flux (lm)	Length (L) (mm)	Weight (kg)
LLTMS60	WW-NW-CW	220-240V AC	7	915	631	0,7
LLTMS60	WW-NW-CW	220-240V AC	16	2.110	631	0,7
LLTMS120	WW-NW-CW	220-240V AC	16	2.080	1231	1,2
LLTMS120	WW-NW-CW	220-240V AC	35	4.550	1231	1,2
LLTMS160	WW-NW-CW	220-240V AC	24	3.120	1631	1,5
LLTMS160	WW-NW-CW	220-240V AC	42	5.450	1631	1,5

\*Power and Lumen values provided are based off of a "cold white (CW) LED".

## C Light Color Options

● WW: Warm White	3000K	● R: Red	625nm
● NW: Natural White	4000K	● G: Green	525nm
● CW: Cold White	6500K	● B: Blue	465nm
		● A: Amber	590nm

\*Different colors are optional

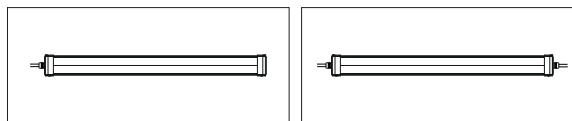
## J Junction Options



01: Cable

02: IP Socket

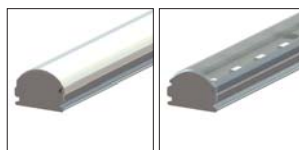
## K Cable Direction Options



01: Single Entry

03: Dual end exit and entry

## U Upper Cover Options



01: Diffused

02: Transparent



Order Code

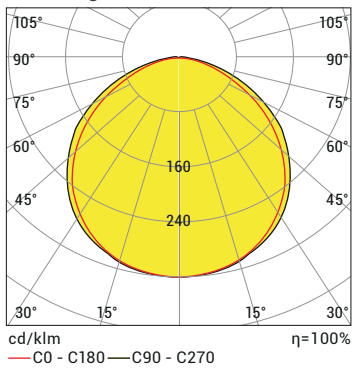
P . W . C . J . K . U





## Product Diagrams

Polar Diagram









Conical Diagram

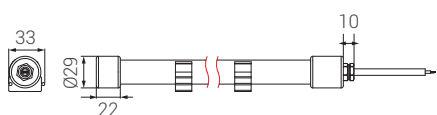
H (mt)	$\emptyset$ (m)	E <sub>max</sub> (lx)
0.5	1.70	5762
1.0	3.41	1440
1.5	5.11	640
2.0	6.82	360
2.5	8.52	230
3.0	10.23	160

LLTMS 120 CW 35W 220V AC IP54

## Control System Options

Color Type	PWM	INV PWM	DMX	DALI	0-10V DC	TRIAC
WW-NW-CW 						
R,G,B,A 						
RGB 						
RGBA/W 						
RGB DMX 						
WHITE DMX 						





- UV protective diffused polycarbonate tube
- Rubber power cable
- Stainless connectors
- Insulated, PVC side cover
- Cooling capacity up to 12,6 W/m
- Suitable for surface mounting

## P W Product & Power Options

Product Name/LED Quantity	Light Color	Input Voltage (V)	Power (W/mt)	Luminous Flux (lm)	Weight (kg)
LLAT 30LED	WW-NW-CW	24V DC	2,4	225	0,31
LLAT 30LED	WW-NW-CW	24V DC	7,2	640	0,31
LLAT 45LED	WW-NW-CW	24V DC	10,8	675	0,31
LLAT 60LED	WW-NW-CW	24V DC	4,8	430	0,31
LLAT 90LED	WW-NW-CW	24V DC	7,2	450	0,31
LLAT 30LED	RGB	24V DC	7,2	-	0,31
LLAT 45LED	RGB	24V DC	10,8	-	0,31
LLAT 30LED-DMX	RGB - Pixel	24V DC	8,4	-	0,31
LLAT 45LED-DMX	RGB - Pixel	24V DC	12,6	-	0,31

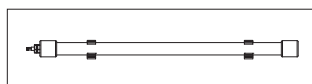
\*Power and Lumen values provided are based off of a "cold white (CW) LED".

## C Light Color Options

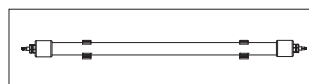
● WW: Warm White 3000K	● R: Red 625nm
● NW: Natural White 4000K	● G: Green 525nm
● CW: Cold White 6500K	● B: Blue 465nm
● RGB	● A: Amber 590nm

\*Different colors are optional

## K Cable Direction Options



01: Left input

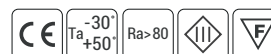


03: Input and output



Order Code

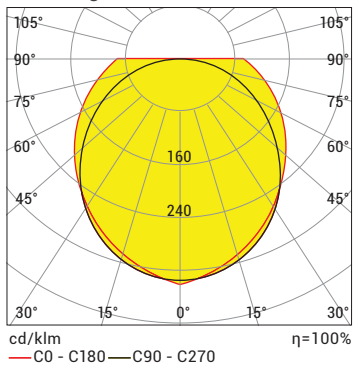
P . W . C . K





## Product Diagrams

Polar Diagram



Conical Diagram

H (mt)	$\emptyset$ (m)	E <sub>max</sub> (lx)
0.5	3.02	798
1.0	6.05	199
1.5	9.07	89
2.0	12.09	50
2.5	15.12	32
3.0	18.14	22

LLAT 45 LED CW 120D 10.8W 24V DC IP68

## Control System Options

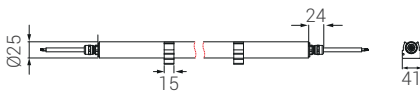
Color Type	PWM	INV PWM	DMX	DALI	0-10V DC	TRIAC
WW-NW-CW	•			•	•	
R,G,B,A	•			•	•	
RGB	•					
RGBA/W	•					
RGB DMX			•			
WHITE DMX			•			



Stair Lighting



Pool Lighting



- Min. 20 micron anodized aluminum extruded profile
- Anodized aluminum housing
- Rubber power cable
- Stainless connectors
- Insulated, PVC side cover
- UV protective transparent tube
- Cooling capacity up to 21,6 W/m
- Suitable for surface mounting

## P W Product & Power Options

Product Name/LED Quantity	Light Color	Input Voltage (V)	Power (W/mt)	Luminous Flux (lm)	Weight (kg)
LLUT30LED	WW-NW-CW	24V DC	2,4	245	0,455
LLUT30LED	WW-NW-CW	24V DC	4,8	485	0,455
LLUT45LED	WW-NW-CW	24V DC	7,2	615	0,455
LLUT45LED	WW-NW-CW	24V DC	10,8	1065	0,455
LLUT60LED	WW-NW-CW	24V DC	7,2	715	0,455
LLUT90LED	WW-NW-CW	24V DC	10,8	905	0,455
LLUT30LED	RGB	24V DC	7,2	-	0,455
LLUT45LED	RGB	24V DC	10,8	-	0,455
LLUT30LED-DMX	RGB - Pixel	24V DC	8,4	-	0,455
LLUT45LED-DMX	RGB - Pixel	24V DC	12,6	-	0,455

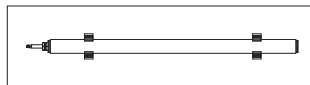
\*Power and Lumen values provided are based off of a "cold white (CW) LED".

## C Light Color Options

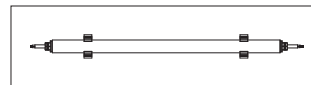
● WW: Warm White 3000K	● R: Red 625nm
● NW: Natural White 4000K	● G: Green 525nm
● CW: Cold White 6500K	● B: Blue 465nm
● RGB	● A: Amber 590nm

\*Different colors are optional

## K Cable Direction Options



01: Left input



03: Input and output



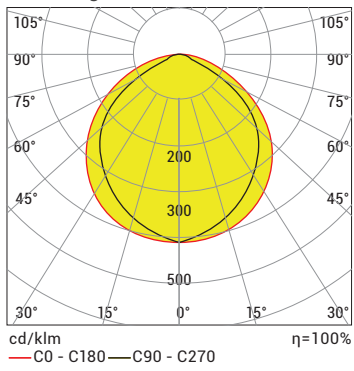
Order Code

P . W . C . K



## Product Diagrams

Polar Diagram









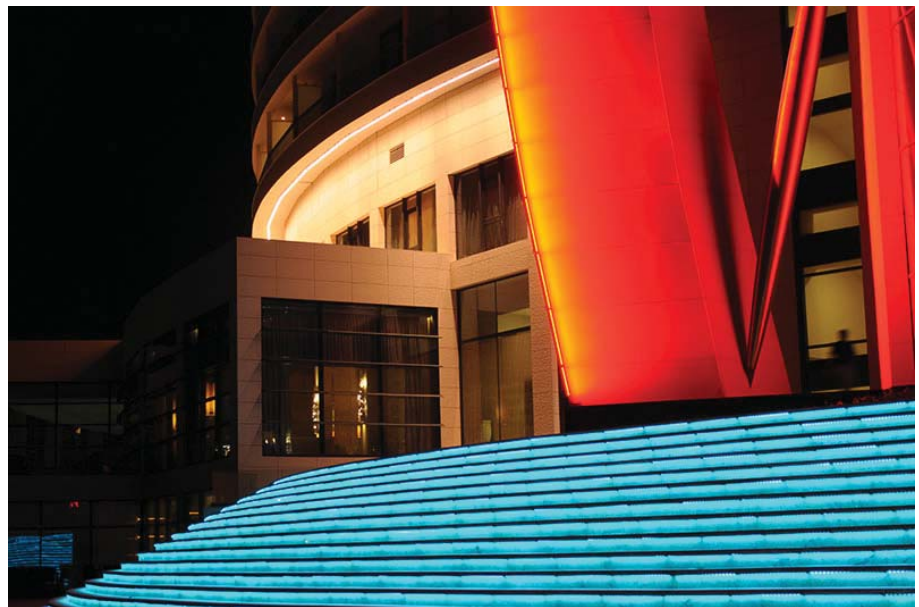
Conical Diagram

H (mt)	$\emptyset$ (m)	E <sub>max</sub> (lx)
0.5	1.95	1170
1.0	3.89	292
1.5	5.84	130
2.0	7.78	73
2.5	9.73	47
3.0	11.67	32

LLUT 45 LED CW 120D 10.8W 24V DCIP68

## Control System Options

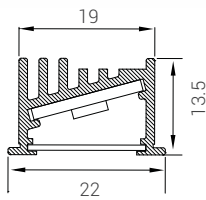
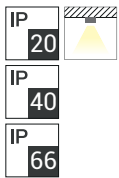
Color Type	PWM	INV PWM	DMX	DALI	0-10V DC	TRIAC
WW-NW-CW 	•			•	•	
R,G,B,A 	•			•	•	
RGB 	•					
RGBA/W 	•					
RGB DMX 			•			
WHITE DMX 			•			



Stair Lighting



Pool Lighting



- Min. 20 micron anodized aluminum extruded profile.
- PVC side cover with UV protection
- Cooling capacity up to 36W/m
- Suitable for recessed mounting on the ceiling

## P W Product & Power Options

Product Name/LED Quantity	Light Color	Input Voltage (V)	Power (W/mt)	Luminous Flux (lm)	Weight (kg)
LLMS30LED	WW-NW-CW	24V DC	2,4	245	0,31
LLMS60LED	WW-NW-CW	24V DC	4,8	480	0,31
LLMS60LED	WW-NW-CW	24V DC	7,2	720	0,31
LLMS60LED	WW-NW-CW	24V DC	24	1.775	0,31
LLMS90LED	WW-NW-CW	24V DC	36	2.520	0,31

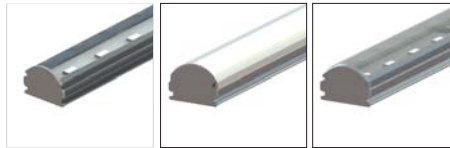
\*Power and Lumen values provided are based off of a "cold white (CW) LED".

## C Light Color Options

● WW: Warm White	3000K	● R: Red	625nm
● NW: Natural White	4000K	● G: Green	525nm
● CW: Cold White	6500K	● B: Blue	465nm
		● A: Amber	590nm

\*Different colors are optional

## U Upper Cover Options



0: Coverless (IP20)

01: Diffused (IP40)

02: Transparent (IP40)

## I IP Protection Class



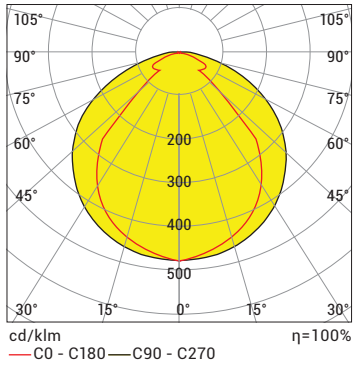
Order Code

P . W . C . U . I

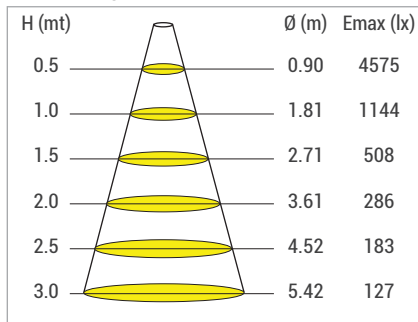


## Product Diagrams

Polar Diagram



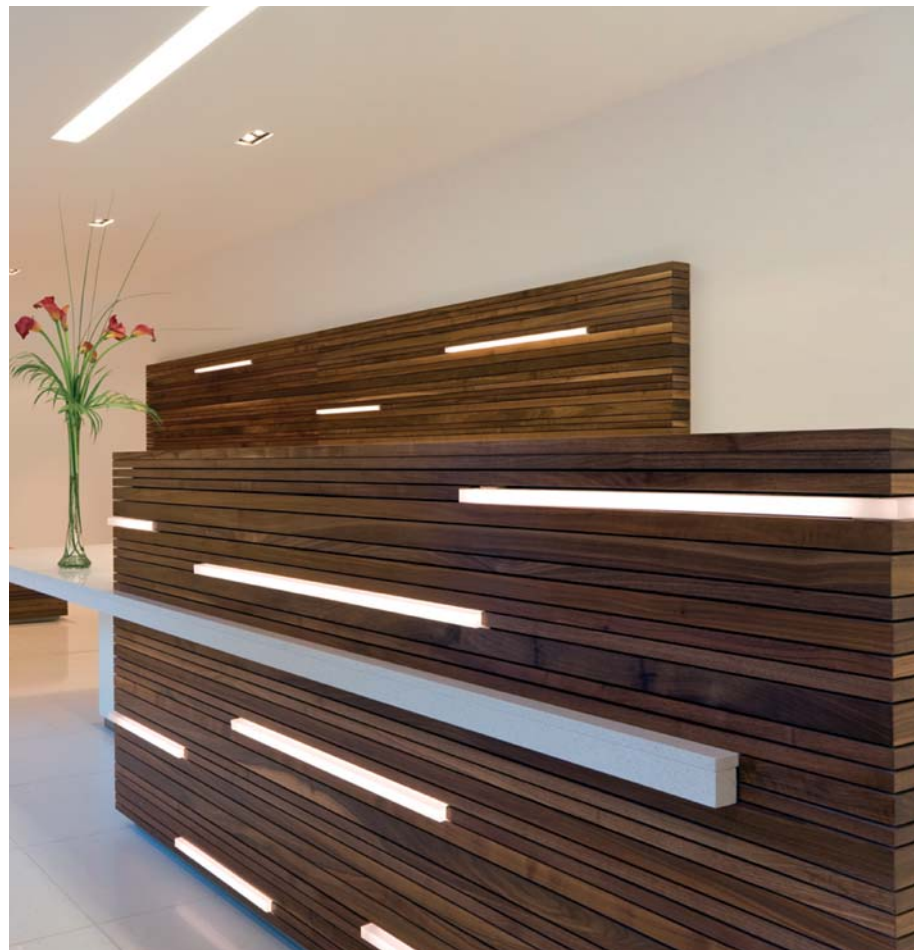
Conical Diagram



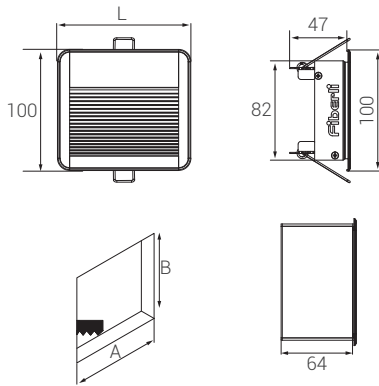
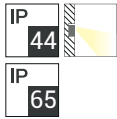
LLMS 90 LED CW 120D 36W 24V DC IP20

## Control System Options

Color Type	PWM	INV PWM	DMX	DALI	0-10V DC	TRIAC
WW-NW-CW	•			•	•	
R,G,B,A	•			•	•	
RGB						
RGBA/W						
RGB DMX						
WHITE DMX						







- Min. 20 micron anodized aluminum extruded profile.
- PVC side cover with UV protection
- Cooling capacity up to 12 W/m
- Suitable for recessed mounting on the ceiling

## P W Product & Power Options

Product Name	Light Color	Input Voltage (V)	Power (W)	Luminous Flux (lm)	Cutting Dimensions (AxB)(mm)	Length (L) (mm)	Weight (kg)
LLGEN105	WW-NW-CW	220-240V AC	3	95	106x88	110	0,5
LLGEN170	WW-NW-CW	220-240V AC	7	200	171x88	175	0,9
LLGEN235	WW-NW-CW	220-240V AC	10	360	236x88	240	1,3
LLGEN105	WW-NW-CW	24V DC	3	95	106x88	110	0,4
LLGEN170	WW-NW-CW	24V DC	7	200	171x88	175	0,7
LLGEN235	WW-NW-CW	24V DC	10	360	236x88	240	1,1

\*Power and Lumen values provided are based off of a "cold white (CW) LED".

## C Light Color Options

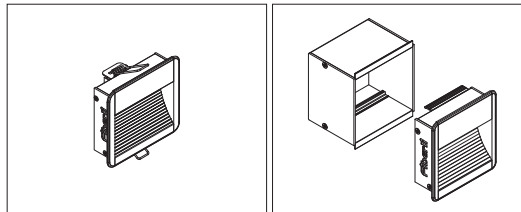
● WW: Warm White	3000K
● NW: Natural White	4000K
● CW: Cold White	6500K

\*Different colors are optional

## I IP Protection Class



## M Mounting Options



27: Flush Mount

28: Wall Mount



Order Code

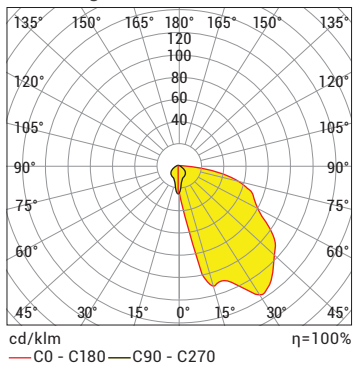
P . W . C . I . M





## Product Diagrams

Polar Diagram



## Control System Options

	Color Type	PWM	INV PWM	DMX	DALI	0-10V DC	TRIAC
WW-NW-CW		•			•	•	
R,G,B,A		•			•	•	
RGB		•					
RGBA/W							
RGB DMX							
WHITE DMX							

