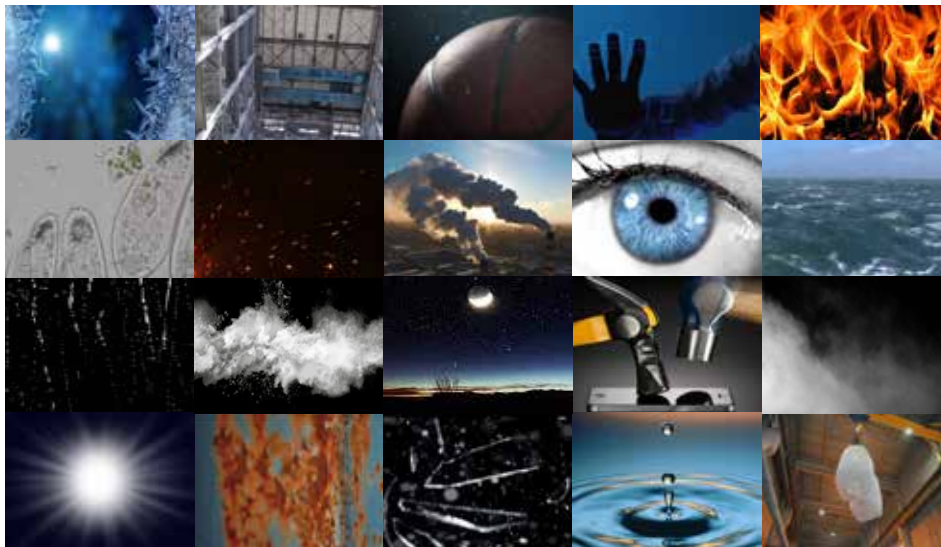


# REVOLVED

Come together experience with next



**#challengewithlight**



Whatever your challenge is  
we have a solution  
you are confident in every  
conditions under our light  
because we are  
**engineering the light**

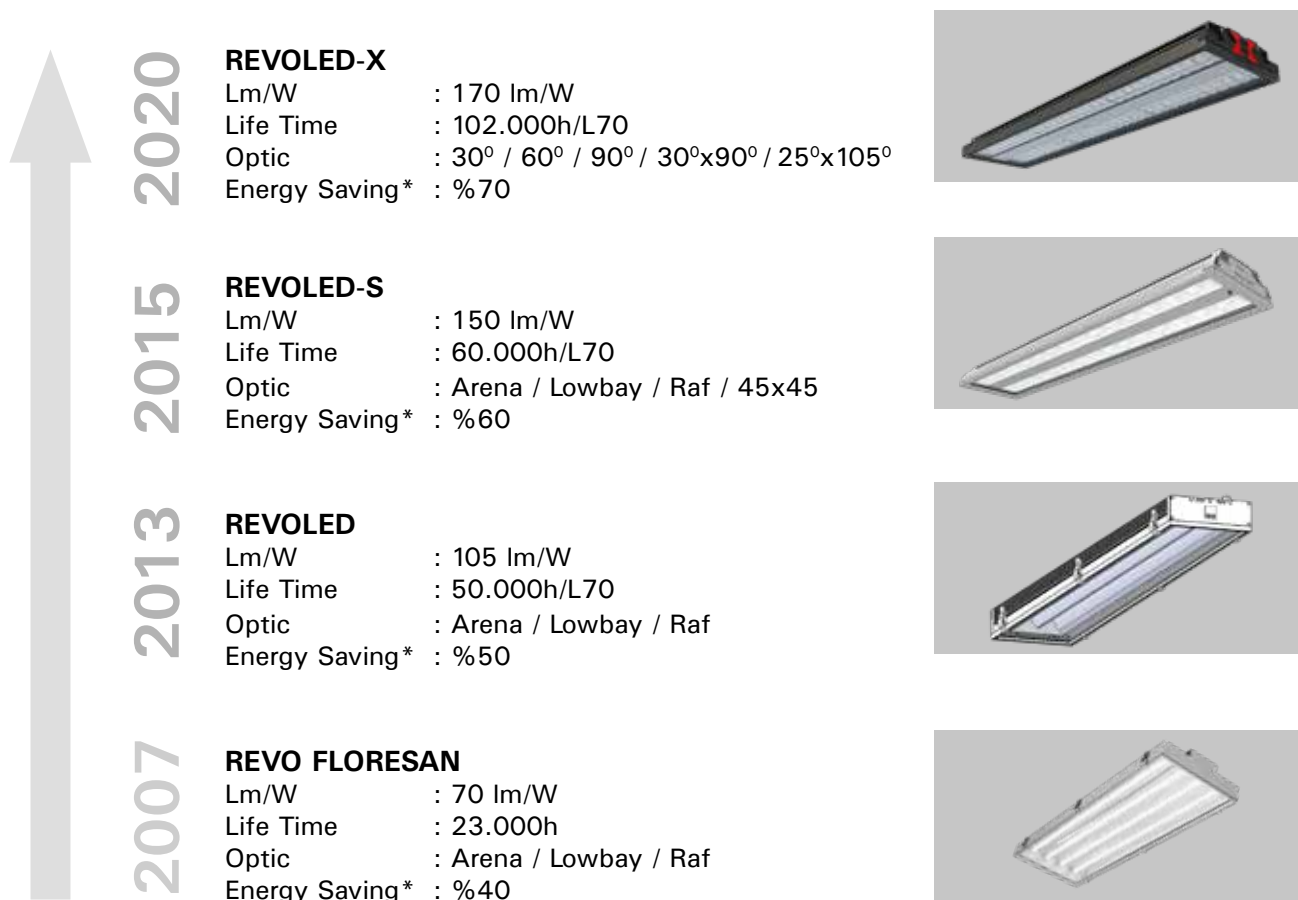


## REVLOLED-X HIGH BAY LUMINAIRE

Revloed-X is a new generation Professional lighting solution meeting its experience on the industrial environment lighting of EAE with future Technologies as well as iconic and minimal body design.













Offering product options specialized for different environment conditions of industrial facilities, Revloed-X product family guarantees optimum lighting in all industrial facilities with its body designed for maximum strength, optical structure developed specific to application and broad lumen package options. As a result of an engineering solution designed with the latest technology, combining challenging subjects such as high efficiency, perfect light distribution and maximum strength in a compact and slim body makes Revloed-X unique. Based upon "light engineering" principles, our company that reserves a large share to R&D investment initiates a new age together with Revloed-X. EAT Lighting now performs design and manufacturing of its optical lenses that may fully meet the needs of the project needs within its scope. Here it is our new product Revloed-X which meets our experience on the industrial environment lighting with future technologies...

## REVOLED-X DEVELOPMENT


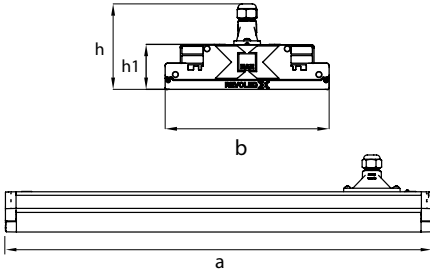
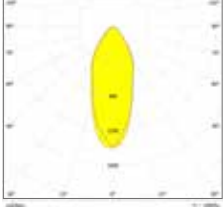
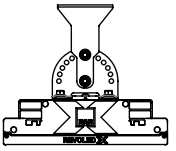

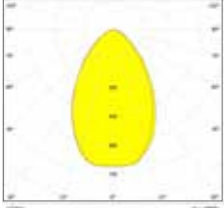
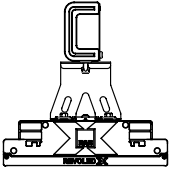

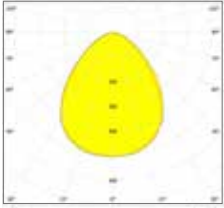
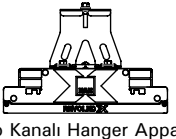

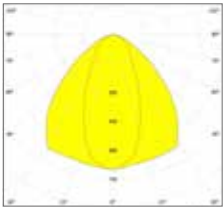
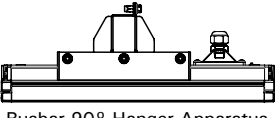

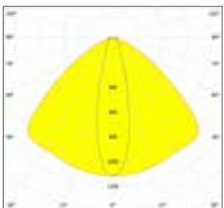

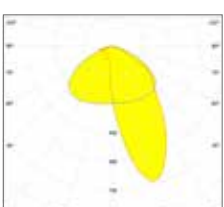

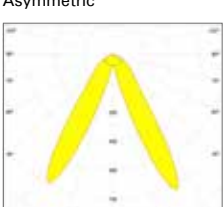

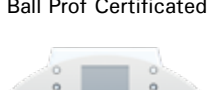


*\*Reference; High pressure discharged armatures.  
 The trademark right of "REVOLED" is patented.*

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	<b>REVOLED-X EVO</b>	<i>140 Lm/W / -20°C - +40°C</i>	<b>18</b>
	<b>REVOLED-X HOT</b>	<i>150 Lm/W / -20°C - +60°C</i>	<b>20</b>
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# OVERVIEW

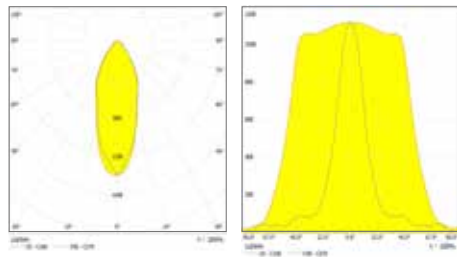
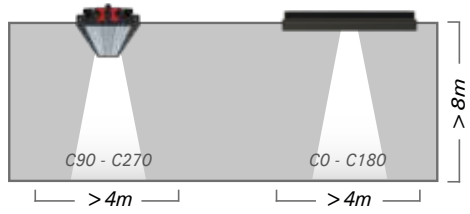
Model	Dimensions	Optic	Lumen	Installation
 <p>Revoled-X He 160-170lm/W</p>	 <p><b>a x b x h</b>            400 x 200 x 60            600 x 200 x 60            900 x 200 x 60            1200 x 200 x 60            1500 x 200 x 60</p>	 <p>30°</p>	4k lm 8k lm 12k lm 16k lm 20k lm 26k lm 35k lm 42k lm	 <p>Angled Hanger Apparatus</p>
 <p>Revoled-X Standard 150-160lm/W</p>		 <p>60°</p>		 <p>Busbar Hanger Apparatus</p>
 <p>Revoled-X Evo 140lm/W</p>		 <p>90°</p>		 <p>Kablo Kanalı Hanger Apparatus</p>
 <p>Revoled-X Hot -20°C... +60°C</p>		 <p>30°-90°</p>		 <p>Busbar 90° Hanger Apparatus</p>
 <p>Revoled-X Hot -20°C... +70°C</p>		 <p>25°-105°</p>		
 <p>Revoled-X Cold -40°C... +45°C</p>		 <p>Asymmetric</p>		
 <p>Revoled-X Sterile Clean Room Certificated</p>		 <p>Double Asymmetric</p>		
 <p>Revoled-X Sport Ball Prof Certificated</p>				
 <p>Revoled-X Food HACCP Certificated</p>				

## SELECTION TABLE

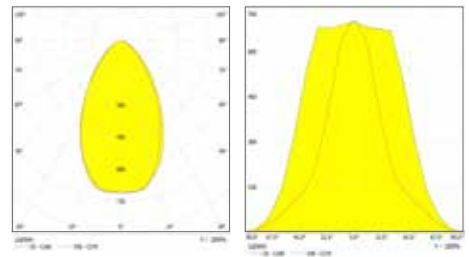
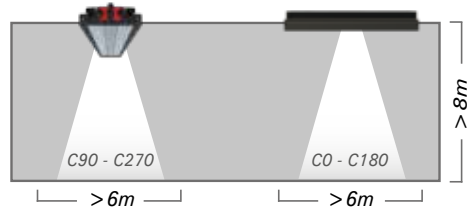
MODEL	Lm/W	LUMEN	OPTIC	BLEEDING	AMBIENT TEMPERATURE
REVOLED-X HE	160-170 Lm/W	4k lm 8k lm 12k lm 16k lm 20k lm	30° Narrow angle 60° Arena 90° Lowbay 30°x90° Raf 25°x105° Raf (Narrow angle) Asymmetric Double Asymmetric	UGR < 19 UGR < 22 UGR > 22 UGR > 22 UGR > 25	-20°C... + 60°C
REVOLED-X STANDART	150-160 Lm/W	4k lm 8k lm 12k lm 16k lm 20k lm	30° Narrow angle 60° Arena 90° Lowbay 30°x90° Raf 25°x105° Raf (Narrow angle) Asymmetric Double Asymmetric	UGR < 19 UGR < 22 UGR > 22 UGR > 22 UGR > 25	-20°C... + 50°C
REVOLED-X EVO	140-150 Lm/W	9k lm 17k lm 26k lm 35k lm 42k lm	30° Narrow angle 60° Arena 90° Lowbay 30°x90° Raf 25°x105° Raf (Narrow angle) Asymmetric Double Asymmetric	UGR < 19 UGR < 22 UGR > 22 UGR > 22 UGR > 25	-20°C... + 40°C
REVOLED-X HOT	150-160 Lm/W	4k lm 8k lm 12k lm 16k lm 20k lm	30° Narrow angle 60° Arena 90° Lowbay 30°x90° Raf 25°x105° Raf (Narrow angle) Asymmetric Double Asymmetric	UGR < 19 UGR < 22 UGR > 22 UGR > 22 UGR > 25	-20°C... + 60°C
REVOLED-X HOT PLUS	160-170 Lm/W	4k lm 8k lm 12k lm 16k lm 20k lm	30° Narrow angle 60° Arena 90° Lowbay 30°x90° Raf 25°x105° Raf (Narrow angle) Asymmetric Double Asymmetric	UGR < 19 UGR < 22 UGR > 22 UGR > 22 UGR > 25	-20°C... + 70°C
REVOLED-X COLD	150-160 Lm/W	4k lm 8k lm 12k lm 16k lm 20k lm	30° Narrow angle 60° Arena 90° Lowbay 30°x90° Raf 25°x105° Raf (Narrow angle) Asymmetric Double Asymmetric	UGR < 19 UGR < 22 UGR > 22 UGR > 22 UGR > 25	-40°C... + 45°C
REVOLED-X STERILE	150-160 Lm/W	4k lm 8k lm 12k lm 16k lm 20k lm	30° Narrow angle 60° Arena 90° Lowbay 30°x90° Raf 25°x105° Raf (Narrow angle) Asymmetric Double Asymmetric	UGR < 19 UGR < 22 UGR > 22 UGR > 22 UGR > 25	20°C... + 50°C
REVOLED-X SPORT	150-160 Lm/W	4k lm 8k lm 12k lm 16k lm 20k lm	30° Narrow angle 60° Arena 90° Lowbay 30°x90° Raf 25°x105° Raf (Narrow angle) Asymmetric Double Asymmetric	UGR < 19 UGR < 22 UGR > 22 UGR > 22 UGR > 25	-20°C... + 50°C
REVOLED-X FOOD	150-160 Lm/W	4k lm 8k lm 12k lm 16k lm 20k lm	30° Narrow angle 60° Arena 90° Lowbay 30°x90° Raf 25°x105° Raf (Narrow angle) Asymmetric Double Asymmetric	UGR < 19 UGR < 22 UGR > 22 UGR > 22 UGR > 25	-20°C... + 50°C

# OPTICAL MODELS

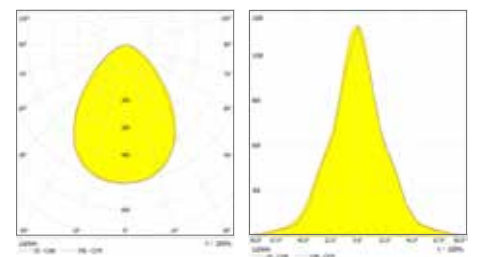
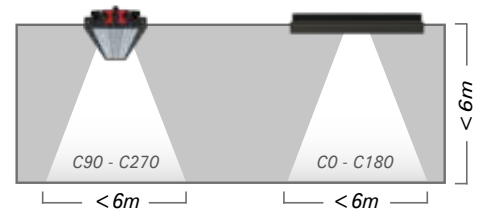
**30° NARROW ANGLE**



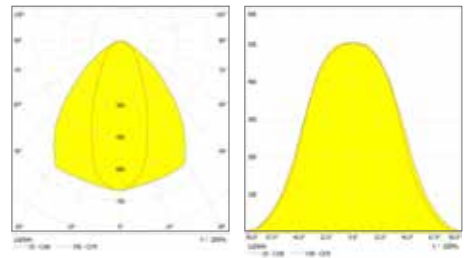
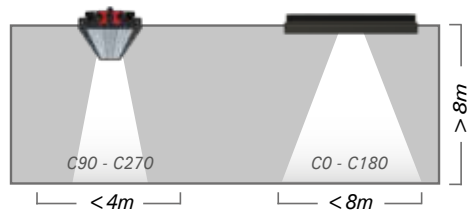
**60° ARENA**



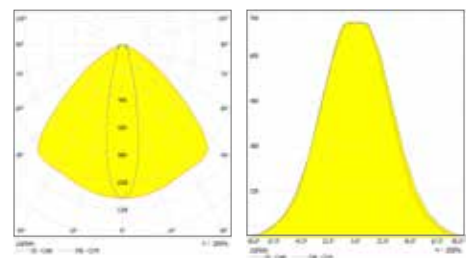
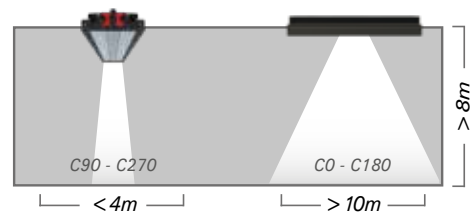
**90° LOWBAY**



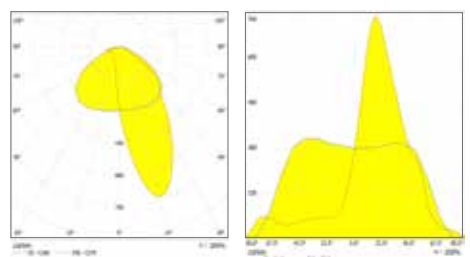
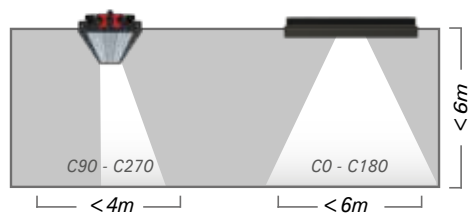
**30° - 90° RAF**



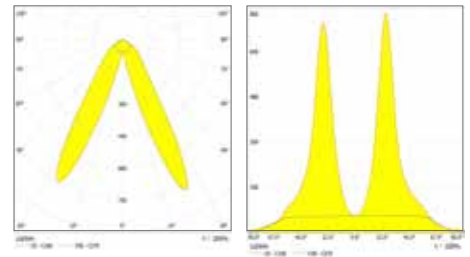
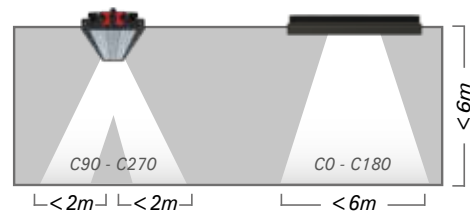
**25° - 105° RAF (NARROW ANGLE)**



**ASYMMETRIC**



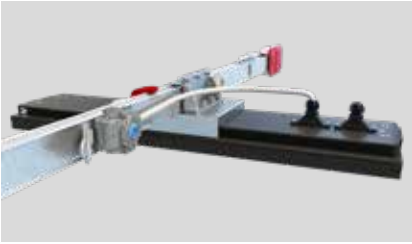
**DOUBLE ASYMMETRIC**





# ASSEMBLY AND HANGER DETAILS

REVOLED-X BARA 90° HANGER SET



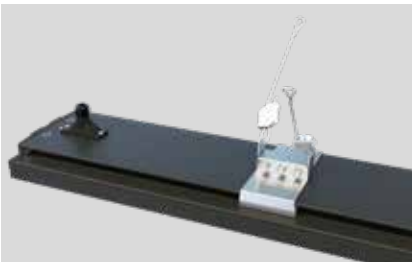
ORDER COD: 3200379



ANGLED HANGER APPARATUS

ORDER COD: 3179886

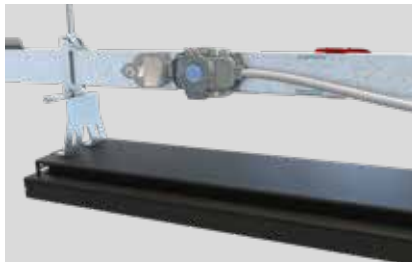
SECURITY/SEISMIC HANGER APPARATUS\*



ORDER COD: 3197123

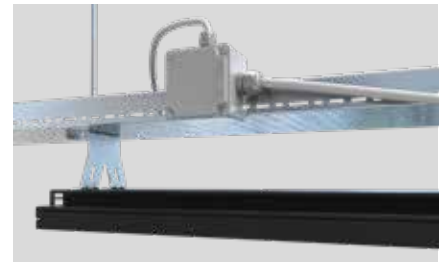
\*The Security / Seismic suspension apparatus is not suitable for use alone. It should be used with busbar / cable channel or other suspension systems.

BUSBAR HANGER APPARATUS



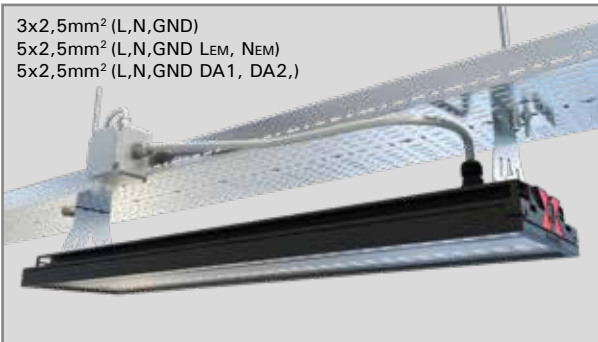
ORDER COD: 3179883

CABLE CHANNEL HANGER APPARATUS



ORDER COD: 3179885

## CHANNEL CONNECTION



TG: SINGLE ENTRY

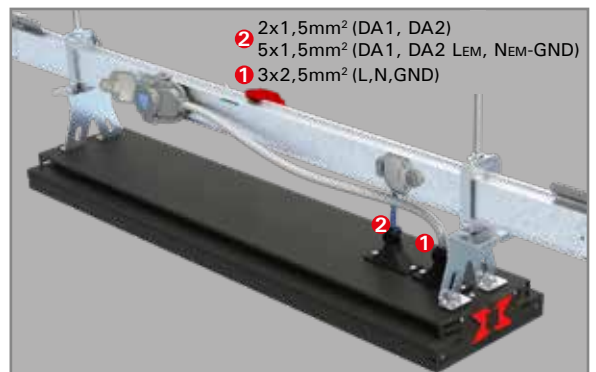
R	V	X																			T	G
---	---	---	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	---	---

## BUSBAR CONNECTION



CG: DOUBLE ENTRY

R	V	X																				C	G
---	---	---	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	---	---





**IP66 Aluminum body**  
Perfect thermal performance

**Silicone gasket, sealing gasket**  
Long-lasting, anti-deformation



**Europe-origin driver**  
PF > 0,95 75-165W  
ENEC certificate



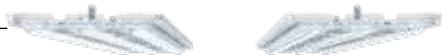
**Aluminum cover cap**



**Aluminum PCB**  
> 200lm/W > 100.000h  
LED

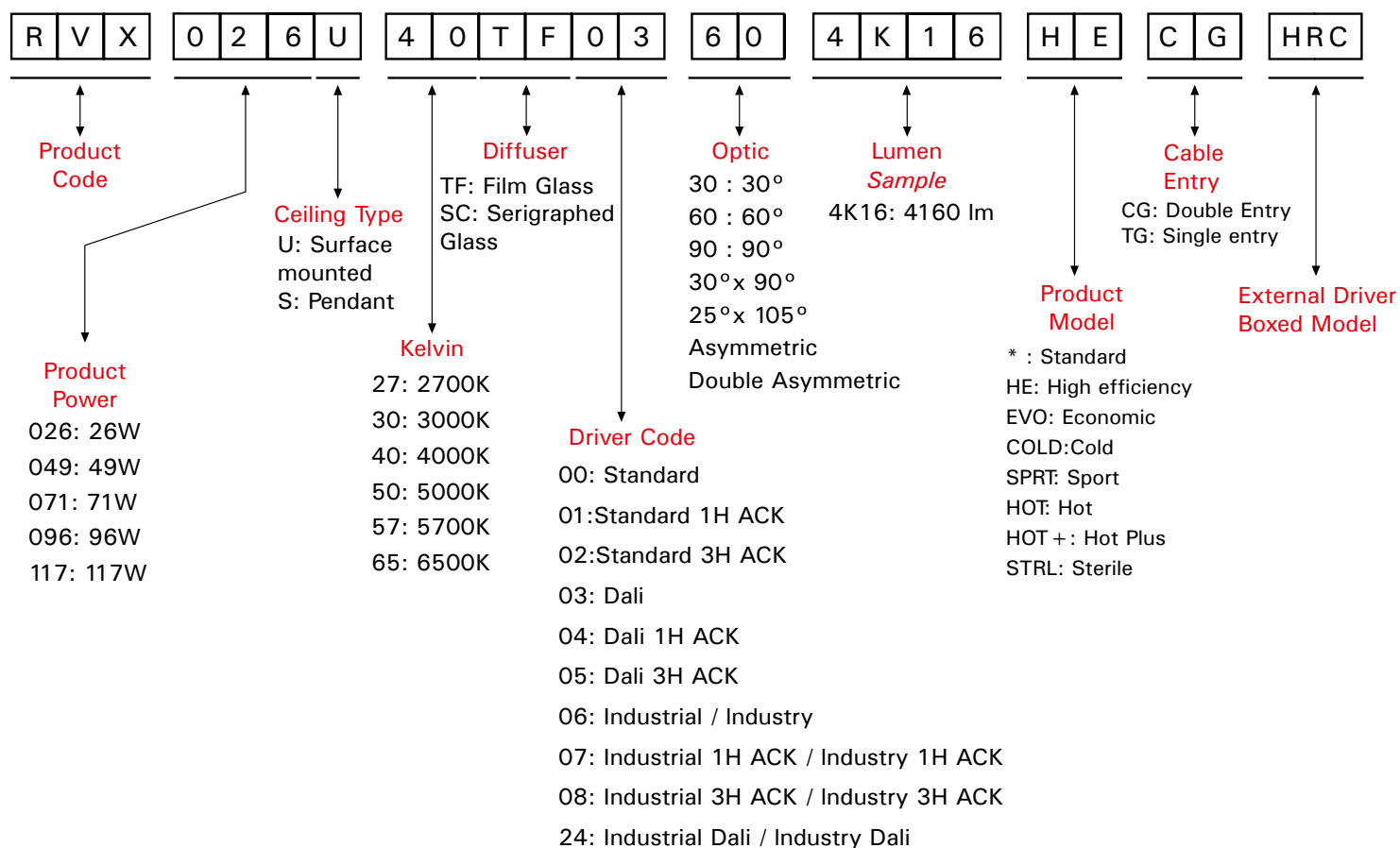


**Modular optical lens 300, 600, 900,  
300x900, 250x1050, AS, DA**  
EAE, domestic design & Production  
Optics



**Tempered film-coated transparent  
glass, aluminum flip-open frame**  
Impact resistance IK09





## WHY REVOLED-X?



### Long Life

LED light resources have 2-3 times longer life than florescent bulbs, 6-8 times longer than metal halide bulbs.



### Instant Burning and Light Control Possibilities

In case of power outage, 5-10 regime period of 5-10 min. required for relighting creates a major problem for the businesses and magnetic ballasts which cannot be dimmed do not offer opportunity for automation in high pressure armatures.



### Stabile Light Level

While high pressure armatures and Florescent armatures cause 50% and 20% light loss towards the end of their life, respectively, Revoled-X armature creates a maximum loss of 10%.



### Energy Saving

Revoled-X ensures 77% energy saving compared to metal halide armatures, 58% compared to Florescent high ceiling armatures with its efficiency value starting from 140lm/W to 170 lm/W.



## Eco-Friendly

Mercury, known as a toxic gas, is available in a certain amount in high pressure and fluorescent lamps. There is no mercury gas in LED light sources.



## Smooth Operation

Difficulty in intervention required to be carried out due to bulb malfunctions especially in high ceilings can be overcome with LED armatures.



## High Color Rendering

Revoled-X armatures have a high CRI (color rendering ratio) value of > 80 like fluorescent armatures. This is especially important for businesses such as the textile industry where CRI value is important.



## Occupational Safety

The fact that armature body structure is impact resistant and does not disconnect from the armature even if diffuser is broken and prevents accumulation of dust and particle in the body shows that it complies with the criteria of occupational safety.

# REVOLED-X HE



\*Waiting



## Standard Features

Housing	: Aluminium profile housing
Diffuser	: Tempered glass with security film
Optic	: 30° / 60° / 90° / 30°x90° / 25°x105° / Asymmetric, Double Asymmetric
IP Grade	: IP66
Installation	: Surface mounted
Light Source	: LED

## Optical & Electrical Features

Power	: 26W / 49W / 71W / 96W / 117W
Lumen	: 4165lm / 8238lm / 12349lm / 16112lm / 19986lm
Efficacy	: 160-170lm/W
Input Voltage	: 220-240 V
Frequency	: 50-60 Hz
Power Factor	: > 0,9
Color Temperature	: 3000K / 4000K / 5700K / 6500K
CRI	: > 80

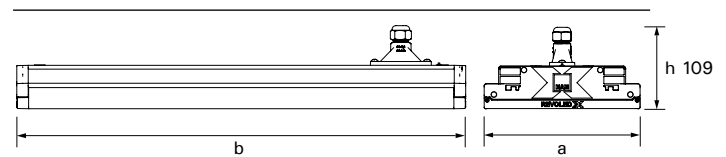
\*Technical specifications have  $\pm 10$  tolerance.

## Other Features & Conditions

Operating Temperature	: -20 °C / +50 °C
Operating Temp (ACK)	: +5 °C / +35 °C
Impact Resistance	: IK09**
Led Life Time - L70	: > 102.000 hours @Ta= 50 °C



## Technical Drawing



## Optional Features

Color temperature	: 3000K / 5700K / 6500K
Emergency Kit Options	: 1-3 hours
DALI Option	: Yes



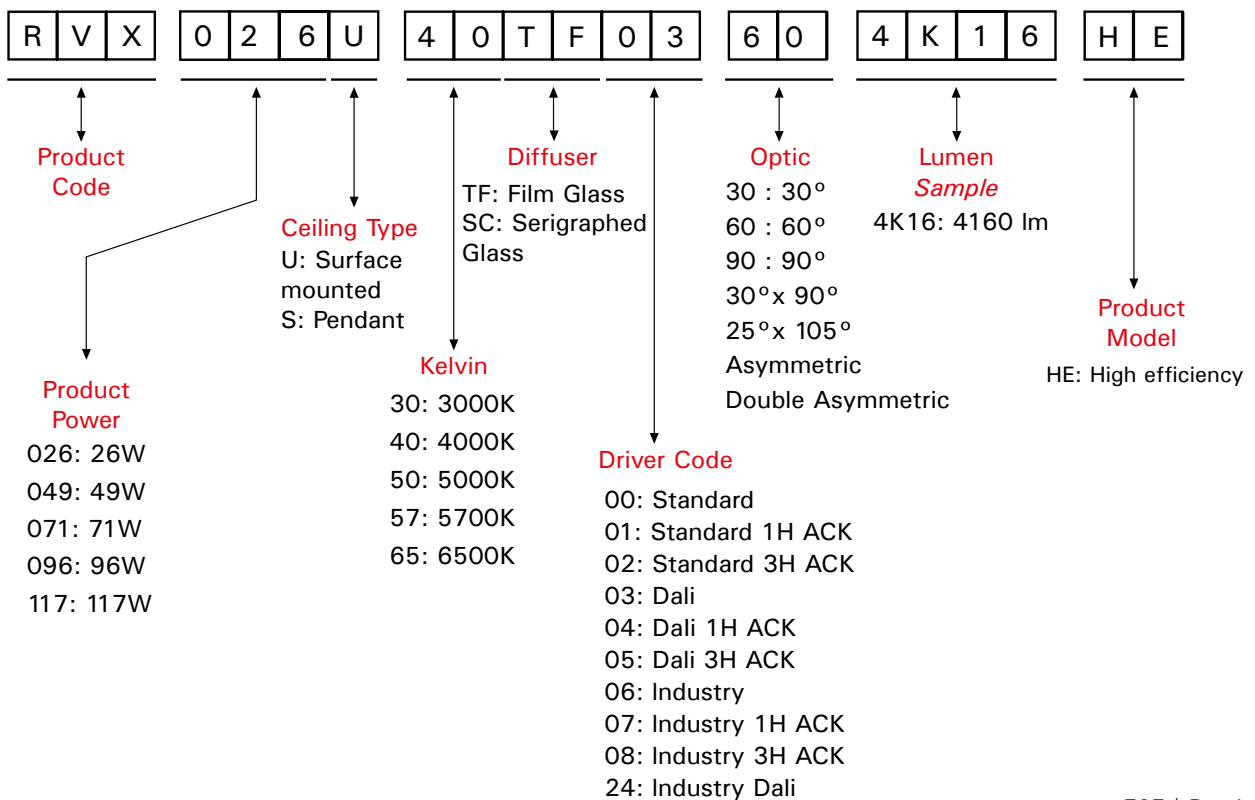
-20°C +50°C



\*Technical data are written according to 60° optical values. For other options, you can visit our website or contact the sales representative.

SAP	Weight	Strength	Dimensions (axb)
3179811   RVX 026U 40TF00 60 4K16 HE	3,24	IK08	209x423
3179815   RVX 048U 40TF00 60 LLLL HE	4,59	IK09	209x603
3179819   RVX 071U 40TF00 60 12K3 HE	6,73	IK07	209x890
3179823   RVX 096U 40TF00 60 16K1 HE	8,85	IK08	209x1176
3179827   RVX 117U 40TF00 60 20K0 HE	11,5	IK09	209x1462

\* Sample is the technical size chart.



# REVOLED-X STANDART



\*Waiting



## Standard Features

Housing	: Aluminium profile housing
Diffuser	: Tempered glass with security film
IP Grade	: IP66
Installation	: Surface mounted
Light Source	: Mid Power LED

## Optical & Electrical Features

Power	: 28W / 53W / 77W / 103W / 128W
Lumen	: 4295lm / 8481lm / 12760 lm / 16363lm / 20606 lm
Efficacy	: 150-160lm/W
Input Voltage	: 220-240 V
Frequency	: 50-60 Hz
Power Factor	: > 0,9
Color temperature(CCT)	: 4000K / 5700K / 6500K
CRI	: >80

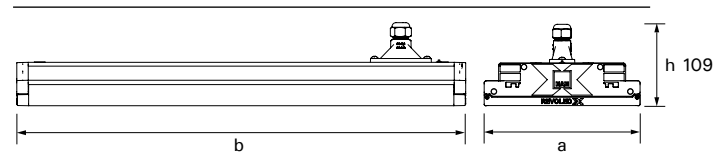
\*Technical specifications have  $\pm 10$  tolerance.

## Other Features & Conditions

Operating Temperature	: -25 °C / +50 °C
Operating Temp (ACK)	: +5 °C / +35 °C
Impact Resistance	: IK09**
Led Life Time - L70	: > 102.000 saat @Ta = 50 °C



## Technical Drawing



## Optional Features

Color temperature	: 3000K / 5700K / 6500K
Emergency Kit Options	: 1-3 hours
DALI Option	: Yes





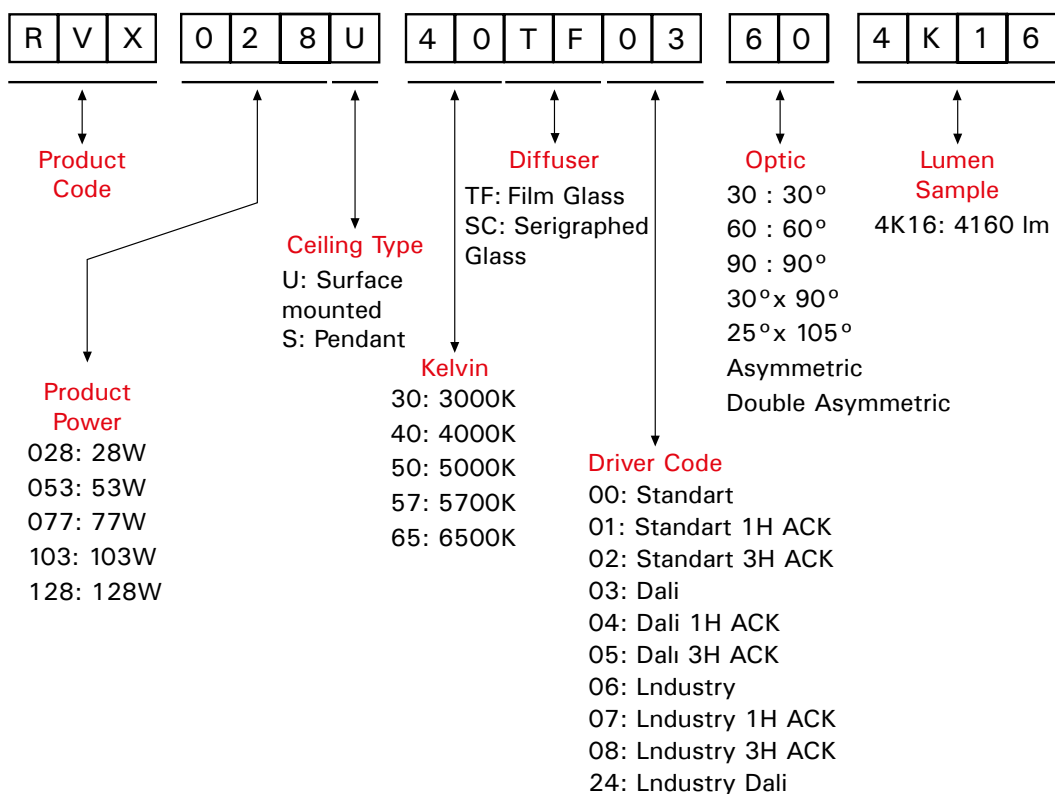
-20°C +50°C



\*Technical data are written according to 600 optical values. For other options, you can visit our website or contact the sales representative.

SAP		Weight	Strength	Dimensions (axb)
3179831	RVX 028U 40TF00 60 4K30	3,24	IK08	209x423
3179853	RVX 053U 40TF00 60 8K48	4,59	IK09	209x603
3179857	RVX 077U 40TF00 60 12K7	6,73	IK07	209x890
3179861	RVX 103U 40TF00 60 16K0	8,85	IK08	209x1176
3179865	RVX 128U 40TF00 60 20K0	11,5	IK09	209x1462

\*Sample is the technical size chart.



# REVOLED-X EVO



\*Waiting



## Standard Features

Housing	: Aluminium profile housing
Diffuser	: Tempered glass with security film
Optic	: Asymmetric , Double Asymmetric , 30°, 30° – 90°, 60°, 90°
IP Koruma Sınıfı	: IP66
Installation	: Surface mounted
Light Source	: LED

## Optical & Electrical Features

Power	: 68W / 90W / 132W / 142W / 197W / 236W / 260W / 330W / 338W
Lumen	: 9235lm, 13101lm, 17618lm, 19896lm, 27177lm, 33141lm, 42102lm
Efficacy	: 140-150lm/W
Input Voltage	: 220-240 V
Frequency	: 50-60 Hz
Power Factor	: > 0,9
Color temperature(CCT)	: 4000K / 5700K / 6500K
CRI	: >80

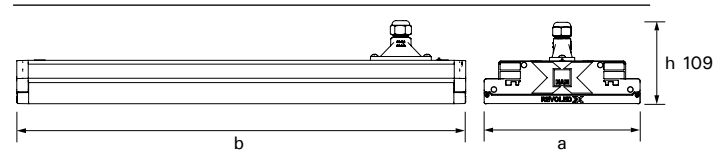
\*Technical specifications have  $\pm 10$  tolerance.

## Other Features & Conditions

Operating Temperature	: -25 °C/ +40 °C
Operating Temp (ACK)	: +5 °C/ +35 °C
Impact Resistance	: IK07 / K08 / K09
Led Life Time - L70	: > 72.000 saat @Ta= 40 °C



## Technical Drawing



## Optional Features

Color temperature	: 3000K / 5700K / 6500K
Emergency Kit Options	: 1-3 hours
DALI Option	: Yes

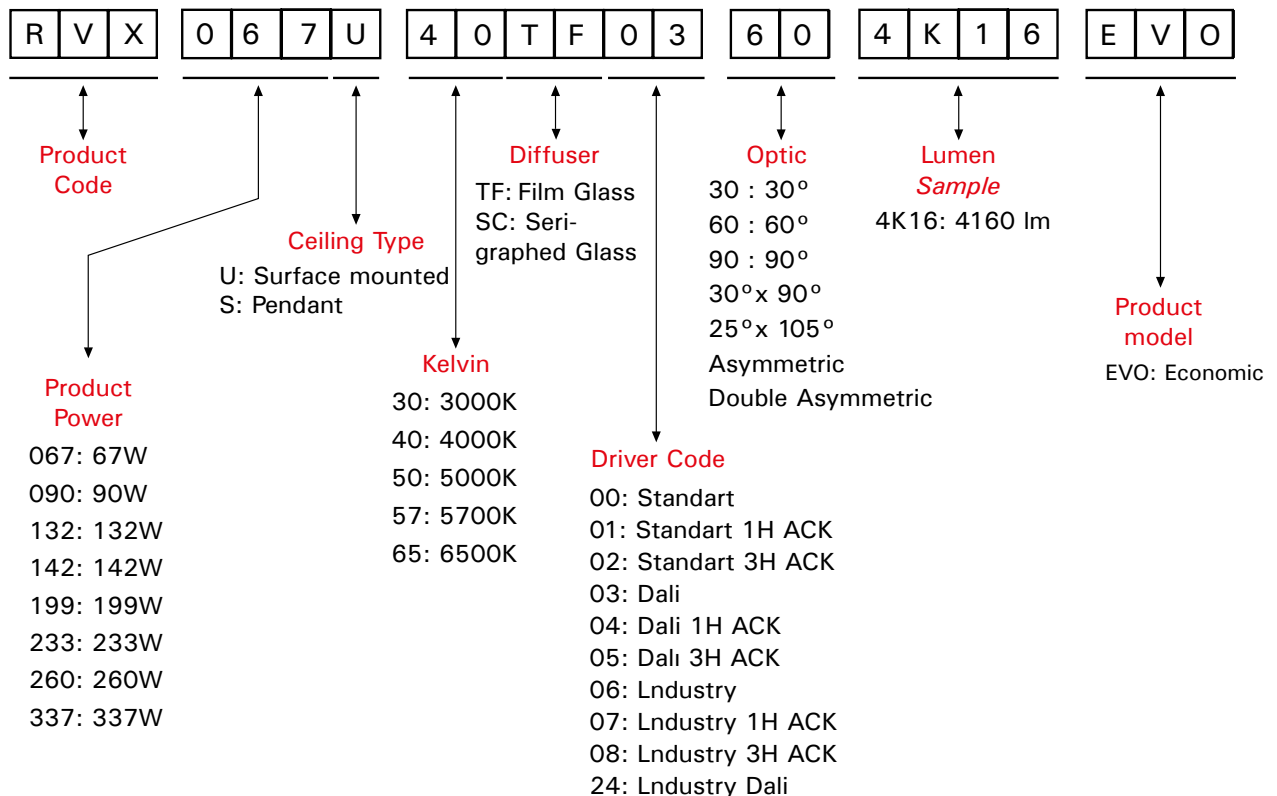




\*Technical data are written according to 600 optical values. For other options, you can visit our website or contact the sales representative.

SAP		Weight	Strength	Dimensions (axb)
3195771	RVX 068U 40TF00 60 9K2 EVO	3,24	IK08	209x423
3179786	RVX 090U 40TF00 60 12K1 EVO	4,59	IK09	209x603
3179690	RVX 132U 40TF00 60 17K6 EVO	4,59	IK09	209x603
3179791	RVX 142U 40TF00 60 19K8 EVO	6,73	IK07	209x860
3179795	RVX 199U 40TF00 60 27K1 EVO	6,73	IK07	209x890
3179799	RVX 233U 40TF00 60 33K1 EVO	8,85	IK08	209x1176
3179803	RVX 260U 40TF00 60 36K0 EVO	8,85	IK08	209x1176
3179807	RVX 337U 40TF00 60 42K1 EVO	11,5	IK09	209x1462

\*Sample is the technical size chart.



# REVOLED-X

## HOT



\*Waiting



### Standard Features

Housing	: Aluminium profile housing
Diffuser	: Tempered glass with security film
Optic	: 30° / 60° / 90°
IP Koruma Sınıfı	: IP66
Installation	: Surface mounted
Light Source	: Mid Power LED

### Optical & Electrical Features

Power	: 28W / 53W / 77W / 103W / 128W
Lumen	: 4294lm / 8481lm / 12760lm / 16041lm / 20606lm
Efficacy	: 150-160lm/W
Input Voltage	: 220-240 V
Frequency	: 50-60 Hz
Power Factor	: > 0,9
Max. Gerilim Strengthı	: 4 kV
Color temperature(CCT)	: 3000K / 4000K / 5700K / 6500K
CRI	: >80

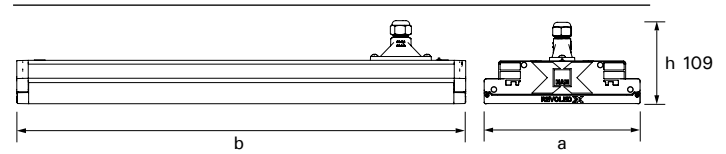
\*Technical specifications have  $\pm 10$  tolerance.

### Other Features & Conditions

Operating Temperature	: -20 °C / +60 °C
Operating Temp (ACK)	: +5 °C / +35 °C
Impact Resistance	: IK07 / IK08 / IK09
Led Life Time - L70	: > 102.000 saat @Ta= 60 °C



### Technical Drawing



### Optional Features

Color temperature	: 3000K / 5700K / 6500K
Emergency Kit Options	: 1-3 hours
DALI Option	: Yes



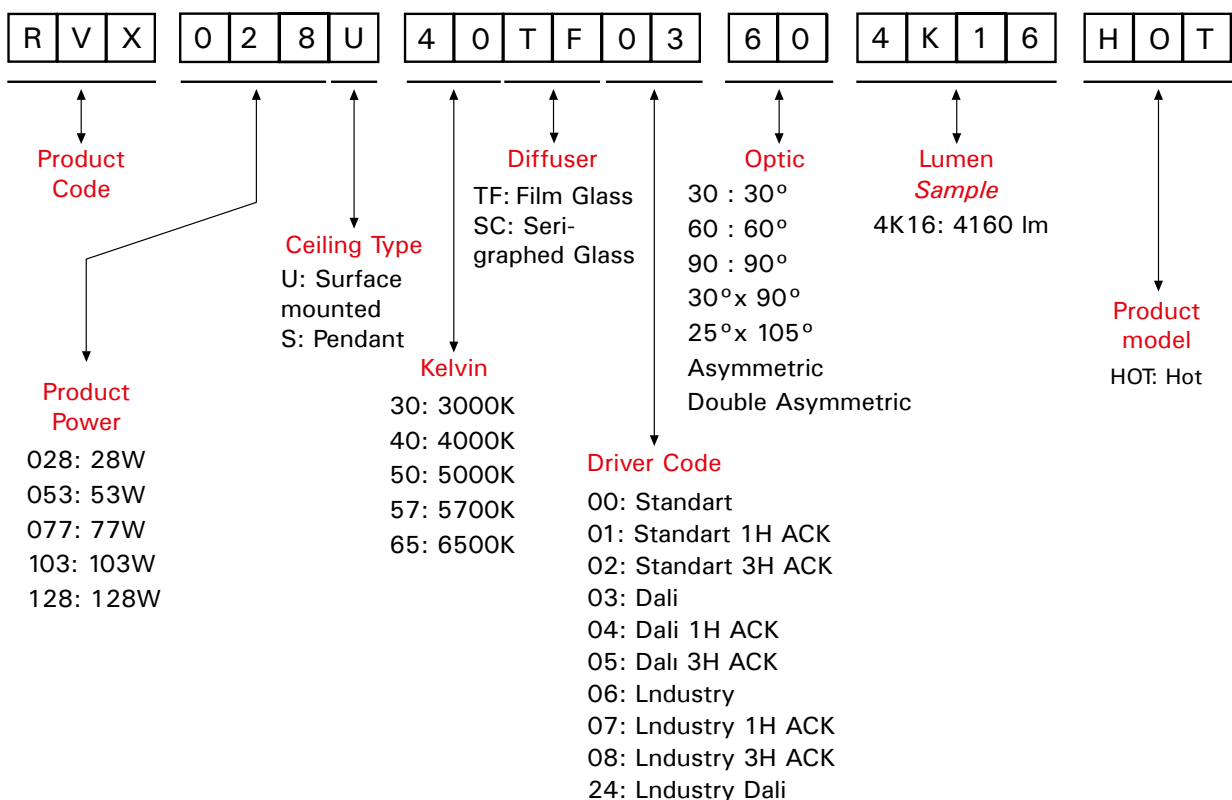
-20°C +60°C



\*Technical data are written according to 600 optical values. For other options, you can visit our website or contact the sales representative.

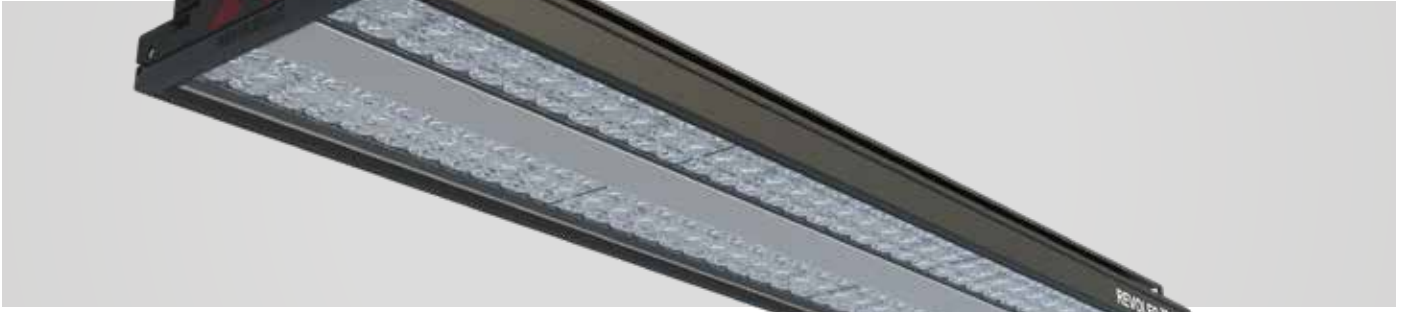
SAP	Weight	Strength	Dimensions (axb)
3196842   RVX 028U 40TF06 60 3K90 HOT	3,44	IK09	209x423
3196849   RVX 053U 40TF06 60 7K77 HOT	4,79	IK09	209x603
3196854   RVX 079U 40TF06 60 11K8 HOT	6,93	IK07	209x890
3196861   RVX 103U 40TF06 60 15K4 HOT	9,05	IK08	209x1176
3196866   RVX 129U 40TF06 60 19K1 HOT	11,7	IK09	209X1462

\*Sample is the technical size chart.



# REVOLED-X

## HOT PLUS



### Standard Features

Housing	: Aluminium profile housing
Diffuser	: Tempered glass with security film
Optic	: 30° / 60° / 90°
IP Koruma Sınıfı	: IP66
Installation	: Surface mounted
Light Source	: LED

### Optical & Electrical Features

Power	: 26W / 49W / 77W / 94W / 115W
Lumen	: 7850lm / 11895lm / 14855lm / 18286lm
Efficacy	: 150-160lm/W
Input Voltage	: 220-240 V
Frequency	: 50-60 Hz
Power Factor	: > 0,9
Max. Gerilim Strengthı	: 4 kV
Color temperature(CCT)	: 4000K
CRI	: >80

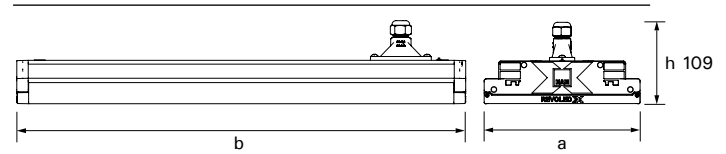
\*Technical specifications have  $\pm 10$  tolerance.

### Other Features & Conditions

Operating Temperature	: -20 °C/ + 70 °C
Dali Versiyonu	: -20 °C/ + 65 °C
Operating Temp (ACK)	: + 5 °C/ + 35 °C
Impact Resistance	: IK07/ IK08 / IK09
Led Life Time - L70	: > 102.000 saat @Ta= 70 °C



### Technical Drawing



### Optional Features

Color temperature	: 3000K,5700K,6500K
Emergency Kit Options	: 1-3 hours
DALI Option	: Yes



-20°C +70°C

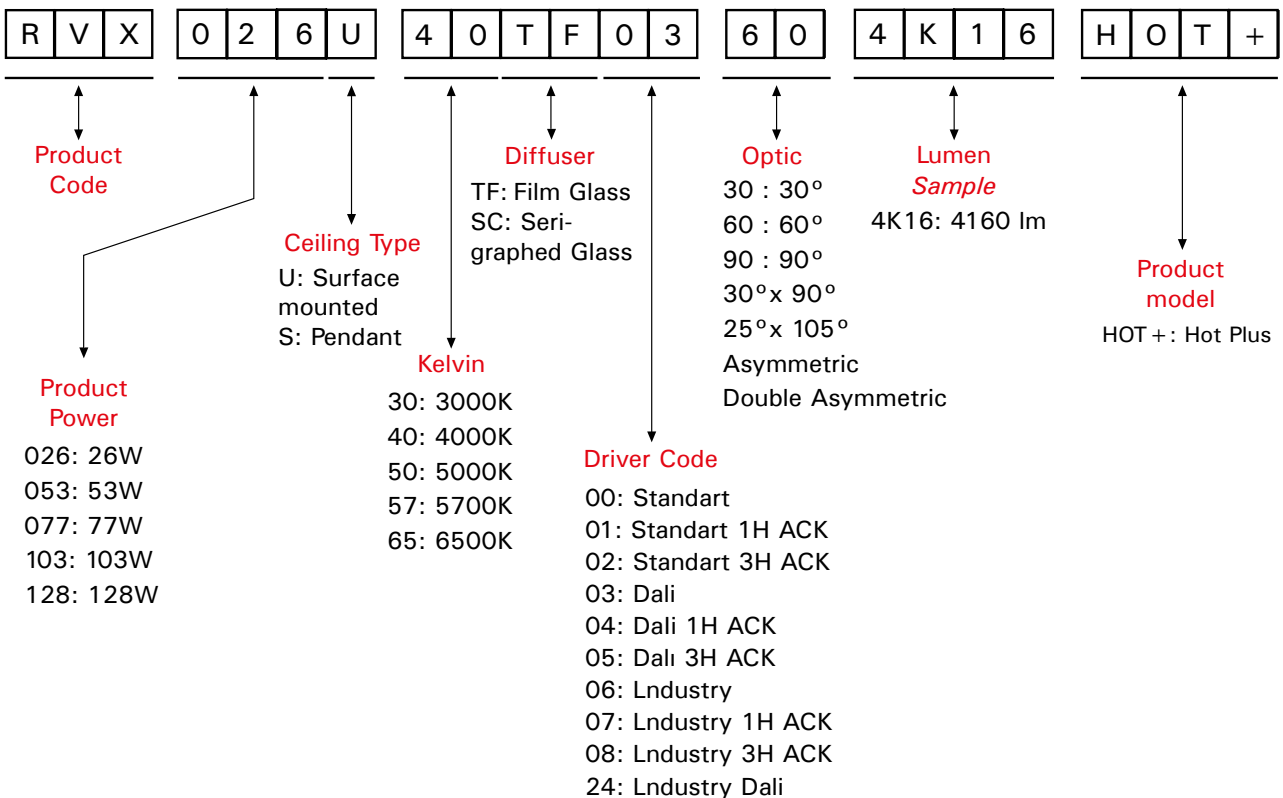
Dali versiyonu -20/+65



\*Technical data are written according to 600 optical values. For other options, you can visit our website or contact the sales representative.

SAP	Weight	Strength	Dimensions (axb)
3196875   RVX 026U 40FS06 60 3K70 HOT	3,44	IK08	209x603
3196883   RVX 051U 40TF06 60 7K85 HOT	4,79	IK09	209x603
3196888   RVX 076U 40TF06 60 11K8 HOT	6,93	IK07	209x890
3196893   RVX 094U 40TF06 60 14K8 HOT	9,05	IK08	209x1176
3196897   RVX 115U 40TF06 60 18K2 HOT	11,7	IK09	209x1462

\* Sample is the technical size chart.



# REVOLED-X

## COLD



\*Waiting



### Standard Features

Housing	: Aluminium profile housing
Diffuser	: Tempered glass with security film
Optic	: Asymmetric, Double Asymmetric, 30°-90°, 30°, 60°, 90°
IP Koruma Sınıfı	: IP66
Installation	: Surface mounted
Light Source	: Mid Power LED

### Optical & Electrical Features

Power	: 28W / 53W / 77W / 103W / 128W
Lumen	: 4295lm / 8481lm / 12760 lm / 16363lm / 20606 lm
Efficacy	: 150-160lm/W
Input Voltage	: 220-240 V
Frequency	: 50-60 Hz
Power Factor	: > 0,9
Color temperature(CCT)	: 4000K / 5700K / 6500K
CRI	: >80

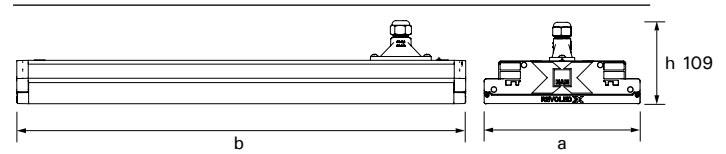
\*Technical specifications have  $\pm 10$  tolerance.

### Other Features & Conditions

Operating Temperature	: -30 °C / +45 °C
Operating Temp (ACK)	: +5 °C / +35 °C
Impact Resistance	: IK07, IK08, IK09
Led Life Time - L70	: > 102.000 saat @Ta= 50 °C



### Technical Drawing



### Optional Features

Optic	: Asymmetric, Double Asymmetric
Emergency Kit Options	: 1-3 hours
DALI Option	: Yes





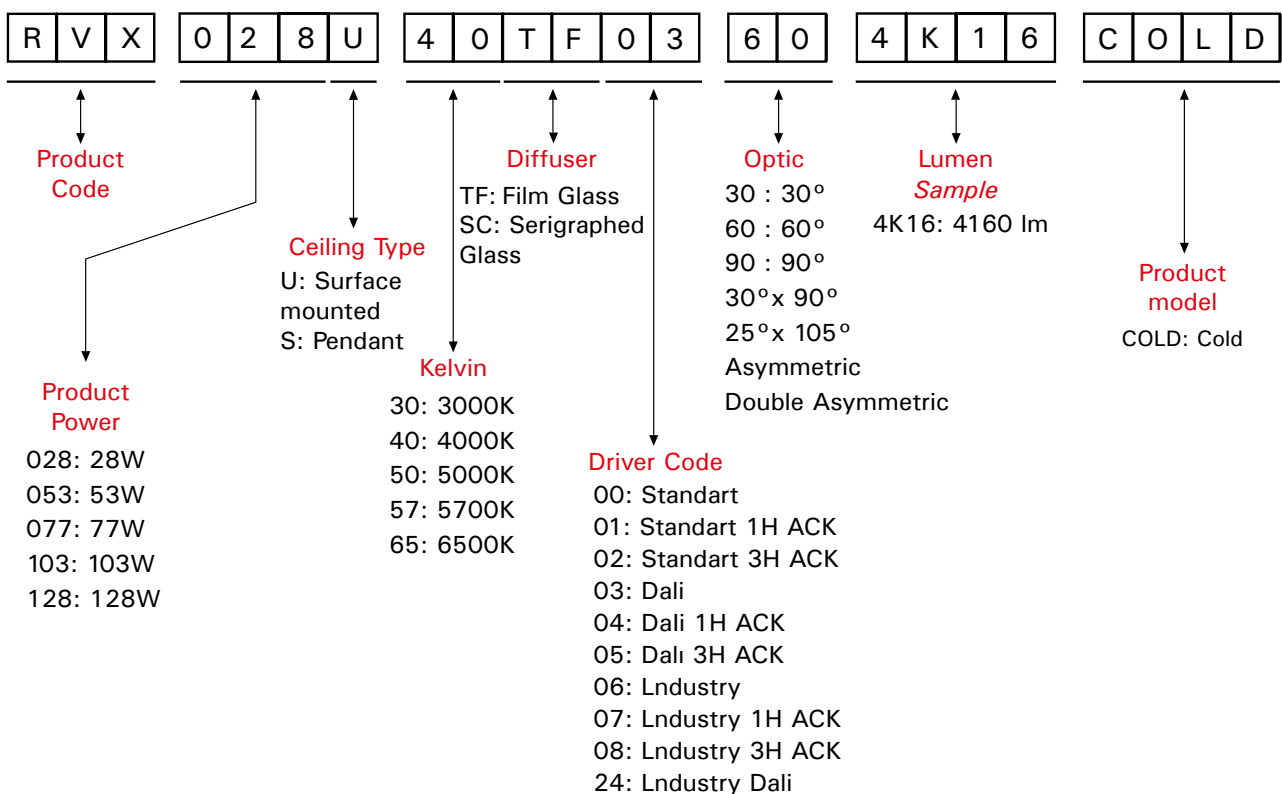
-40°C +45°C



\*Technical data are written according to 600 optical values. For other options, you can visit our website or contact the sales representative.

SAP		Weight	Strength	Dimensions (axb)
3196965	RVX 028U 40FS06 60 4K30 COLD	3,44	IK08	209x423
3196969	RVX 028U 40FS24 60 4K30 COLD CG	3,97	IK08	209x493
3196967	RVX 028U 40FS08 60 4K30 COLD	7,46	IK08	209x950
3196973	RVX 053U 40TF06 60 8K48 COLD	4,79	IK09	209x603
3196974	RVX 053U 40FS08 60 8K48 COLD	7,46	IK09	209x950
3196977	RVX 077U 40TF06 60 12K7 COLD	6,93	IK07	209x890
3196978	RVX 077U 40FS08 60 12K7 COLD	7,82	IK07	209x1030
3196982	RVX 103U 40TF06 60 16K0 COLD	9,05	IK08	209x1176
3196986	RVX 128U 40TF06 60 20K0 COLD	11,7	IK09	209x1462
3196961	RVX 028U 40FS08 60 4K30 COLD HRC	7,20	IK08	209x603
3196964	RVX 077U 40TF08 60 12K7 COLD HRC	9,77	IK07	209x890

\*Sample is the technical size chart.



# REVOLED-X STERILE



\*Waiting



## Standard Features

Housing	: Aluminium profile housing
Diffuser	: Tempered glass with security film
Optic	: 30° / 60° / 90° / 30°x90° / 25°x105° / Asymmetric, Double Asymmetric
IP Koruma Sınıfı	: IP66
Installation	: Surface mounted
Light Source	: LED

## Optical & Electrical Features

Power	: 28W / 53W / 77W / 103W / 128W
Lumen	: 4294lm / 8481lm / 12760lm / 16041lm / 20606lm
Efficacy	: 150-160lm/W
Input Voltage	: 220-240 V
Frequency	: 50-60 Hz
Power Factor	: > 0,9
Color temperature(CCT)	: 3000K / 4000K / 5700K / 6500K
CRI	: > 80

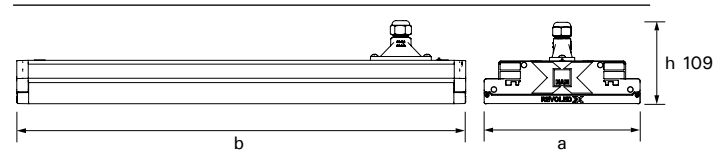
\*Technical specifications have  $\pm 10$  tolerance.

## Other Features & Conditions

Operating Temperature	: -20 °C / + 50 °C
Operating Temp (ACK)	: + 5 °C / + 35 °C
Impact Resistance	: IK09**
Led Life Time - L70	: > 102.000 saat @Ta= 50 °C
Renk	: RAL 9010 Antibakteriyel



## Technical Drawing



## Optional Features

Optic	: Asymmetric , Double Asymmetric
Emergency Kit Options	: 1-3 hours
DALI Option	: Yes



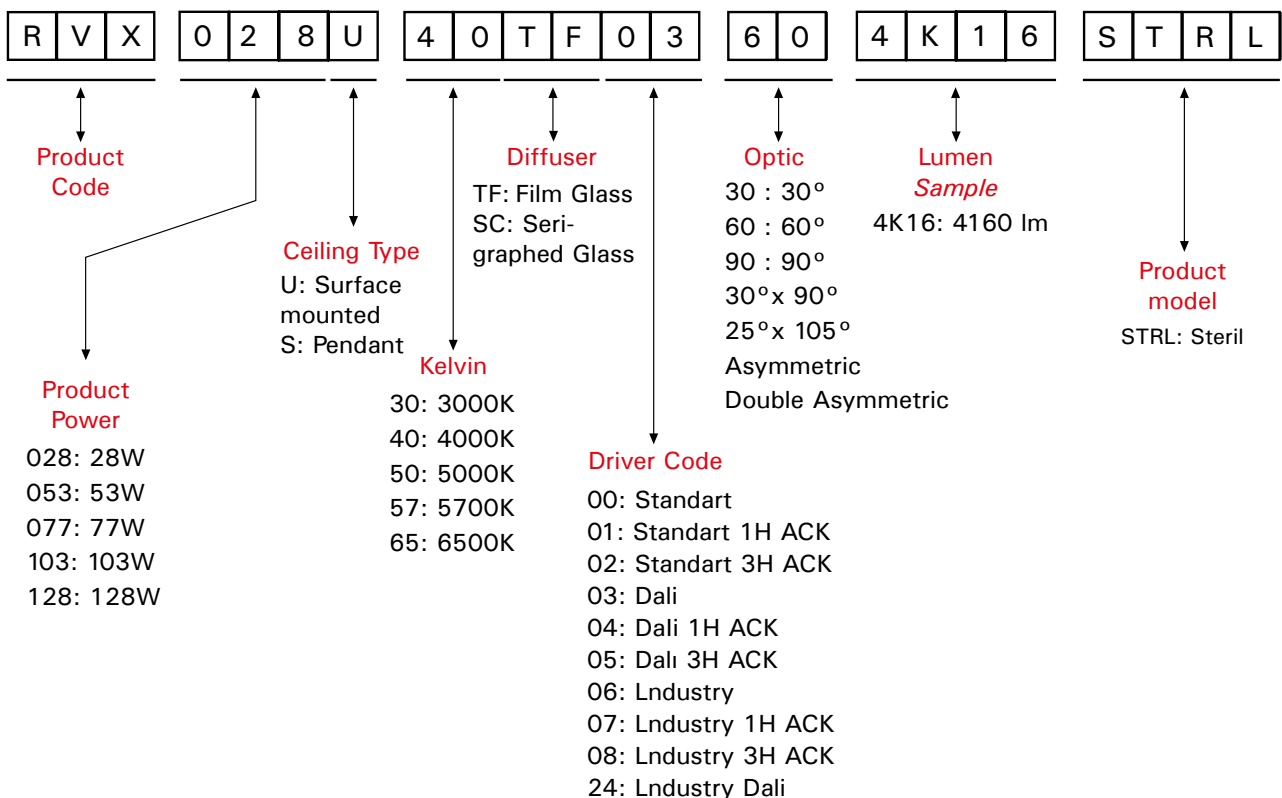
-20°C +50°C



\*Technical data are written according to 600 optical values. For other options, you can visit our website or contact the sales representative.

SAP	Weight	Strength	Dimensions (axb)
3179831	3,24	IK08	209x423
3179851	3,77	IK08	209x493
3179832	7,26	IK08	209x950
3179853	4,59	IK09	209x603
3179854	7,26	IK09	209x950
3179857	6,73	IK07	209x890
3179858	7,62	IK07	209x1030
3179861	8,85	IK08	209x1176
3179865	11,5	IK09	209x1462
3187823	7,00	IK08	209x603

\* Sample is the technical size chart.



# REVOLED-X SPORT



## Standard Features

Housing	: Aluminium profile housing
Diffuser	: Güvenlik filmi ve koruyucu tel örgü + temperli cam
Optic	: 30° / 60° / 90° / 30°- 90° / 25°- 105°
IP Koruma Sınıfı	: IP66
Installation	: Surface mounted
Light Source	: LED

## Optical & Electrical Features

Power	: 28W / 53W / 77W / 103W / 128W
Lumen	: 4294lm / 8481lm / 12760lm / 16041lm / 20606lm
Efficacy	: 150-160lm/W
Input Voltage	: 220-240 V
Frequency	: 50-60 Hz
Power Factor	: > 0,9
Color temperature(CCT)	: 3000K / 4000K / 5700K / 6500K
CRI	: >80

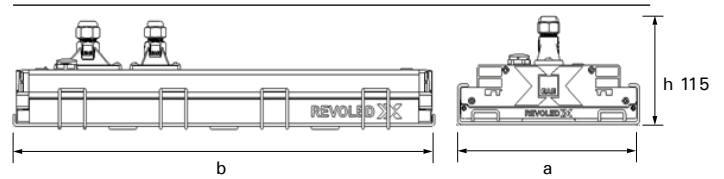
\*Technical specifications have  $\pm 10$  tolerance.

## Other Features & Conditions

Operating Temperature	: -20 °C / +50 °C
Operating Temp (ACK)	: +5 °C / +35 °C
Impact Resistance	: IK10
Led Life Time - L70	: > 102.000 saat @Ta= 50 °C



## Technical Drawing



## Optional Features

Color temperature	: 3000K, 5700K, 6500K
Emergency Kit Options	: 1-3 hours
DALI Option	: Yes



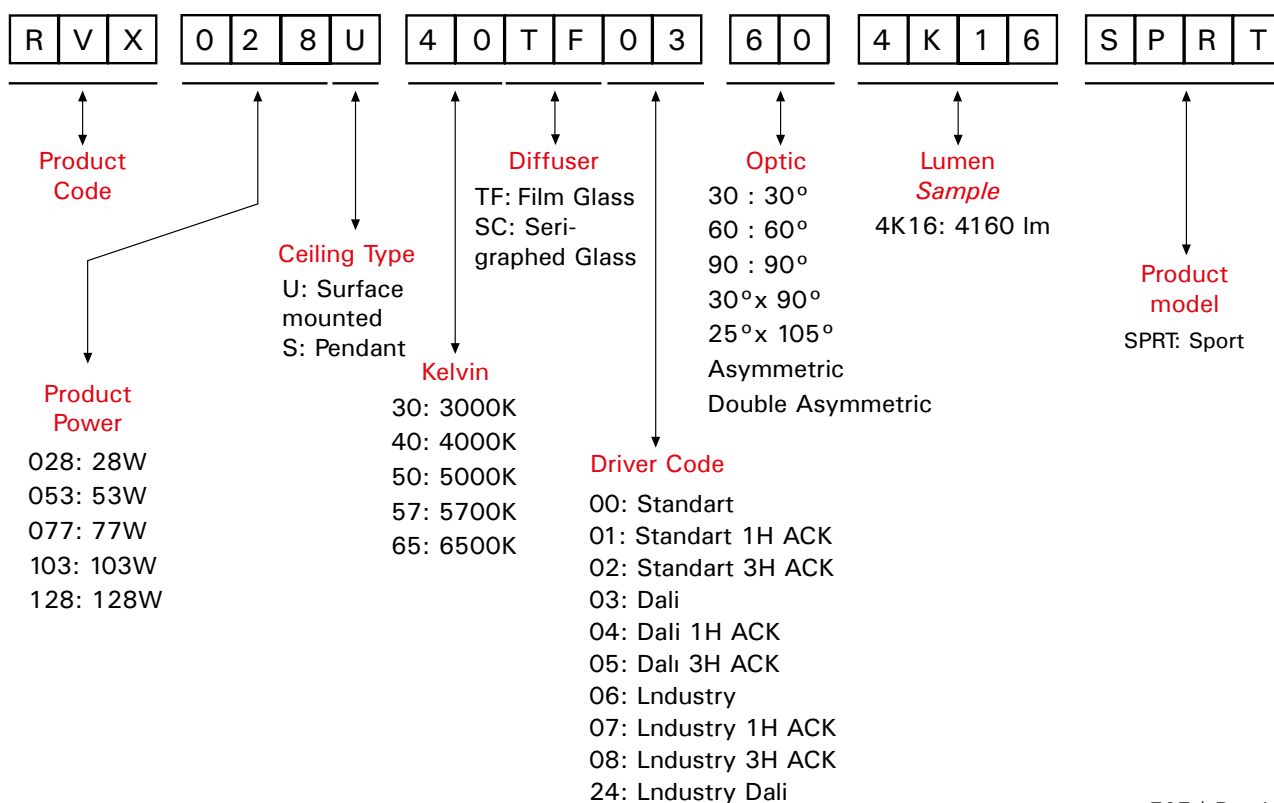
-20°C +50°C



\*Technical data are written according to 600 optical values. For other options, you can visit our website or contact the sales representative.

SAP		Weight	Strength	Dimensions (axb)
3197186	RVX 028U 40FS00 60 4K30 SPRT	3,64	IK08	216x432
3197196	RVX 053U 40TF00 60 8K48 SPRT	5,15	IK09	216x610
3197202	RVX 077U 40TF00 60 12K7 SPRT	7,57	IK07	216x897
3197203	RVX 077U 40FS02 60 12K7 SPRT	8,75	IK07	216x1037
3197207	RVX 103U 40TF00 60 16K0 SPRT	9,98	IK08	216x1183
3197211	RVX 128U 40TF00 60 20K0 SPRT	12,39	IK09	216x1470

\* Sample is the technical size chart.



# REVOLED-X

## FOOD



### Standard Features

Housing	: Aluminium profil Housing, Ral 9003 Antibakteriyel Boyalı
Diffuser	: Tempered glass with security film
Optic	: 30°, 30° – 90°, 60°, 90°
IP Koruma Sınıfı	: IP66
Installation	: Surface mounted
Light Source	: LED

### Optical & Electrical Features

Power	: 28W / 53W / 77W / 103W / 128W
Lumen	: 4000lm, 8000lm, 13000lm, 16000lm, 21000lm
Efficacy	: 150-160lm/W
Input Voltage	: 220-240 V
Frequency	: 50-60 Hz
Power Factor	: > 0,9
Color temperature(CCT)	: 3000K / 4000K / 5700K / 6500K
CRI	: > 80

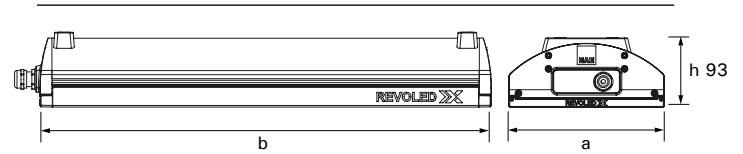
\*Technical specifications have  $\pm 10$  tolerance.

### Other Features & Conditions

Operating Temperature	: -25°C +45°C
Operating Temp (ACK)	: +5 °C/+35 °C
Impact Resistance	: IK07, IK08, IK09
Led Life Time - L70	: > 102.000 saat @Ta= 50 °C



### Technical Drawing



### Optional Features

Color temperature	: 3000K, 5700K, 6500K
Emergency Kit Options	: 1-3 hours
DALI Option	: Yes



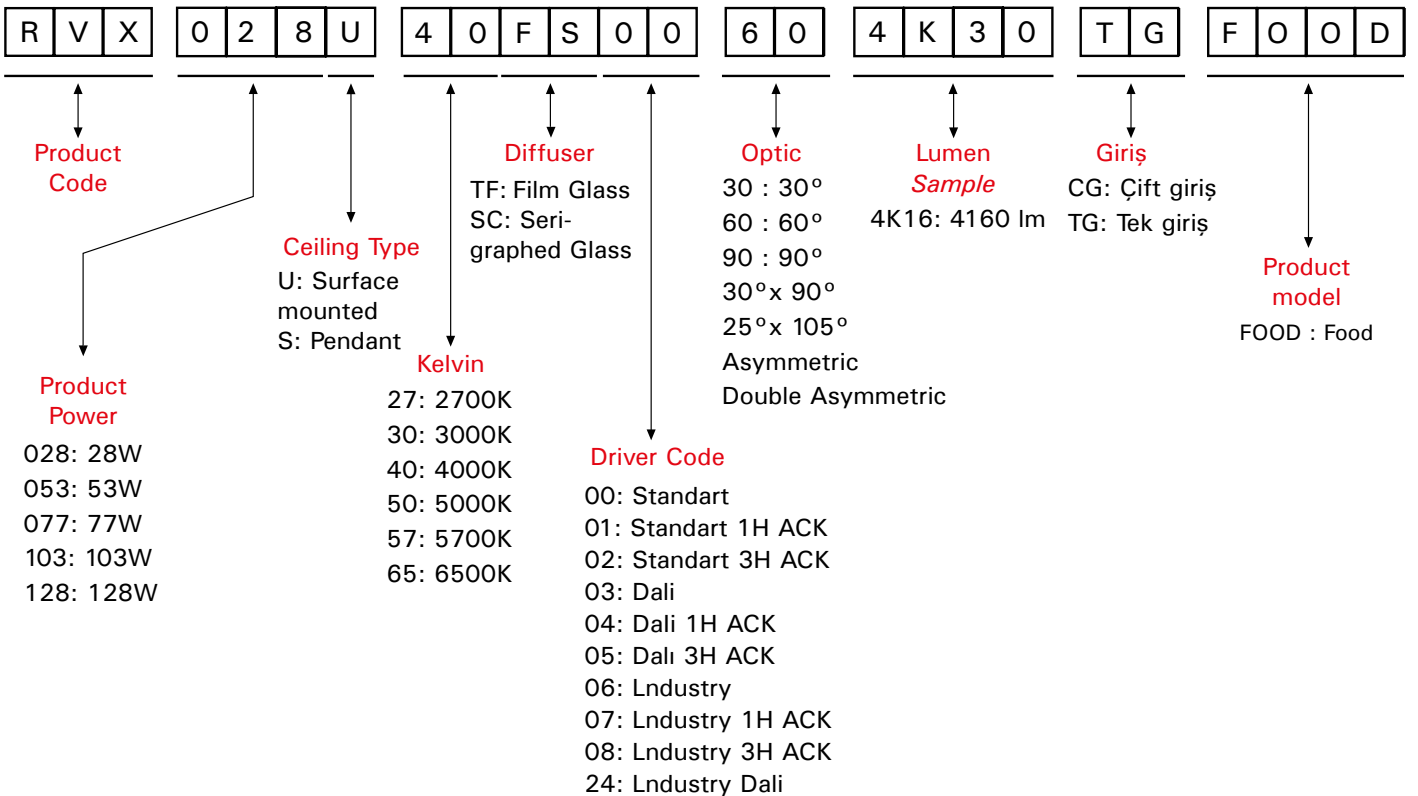
-20°C +50°C



\*Technical data are written according to 600 optical values. For other options, you can visit our website or contact the sales representative.

SAP		Weight	Strength	Dimensions (axb)
3201437	RVX 028U 40TF00 60 4K30 FOOD	3,24	IK08	208x454
3201441	RVX 053U 40TF00 60 8K40 FOOD	4,59	IK09	208x634
3201446	RVX 077U 40TF00 60 13K0 FOOD	6,73	IK07	208x920
3201450	RVX 103U 40TF00 60 16K0 FOOD	8,85	IK08	208x1207
3201454	RVX 128U 40TF00 60 20K0 FOOD	10,87	IK09	208x1494

\*Sample is the technical size chart.



# SMARTLOG RF

Manager ideal lightning scenario for logistic warehouses with wireless communication (RF).



## RF CONTROL SCENARIOS

Automatic control opportunity sensitive to movement and daylight. The corridors where only movement is perceived ensure high energy saving actively. ON and OFF mode for all armatures.



## VERTICAL BUSBAR ASSEMBLY

If the rack layout architecture varies, it does not require intervention in the busbar installation. It provides low busbar cost with less busbar usage. Practical and fast assembly..

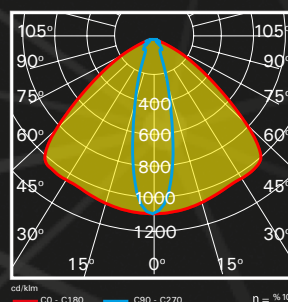
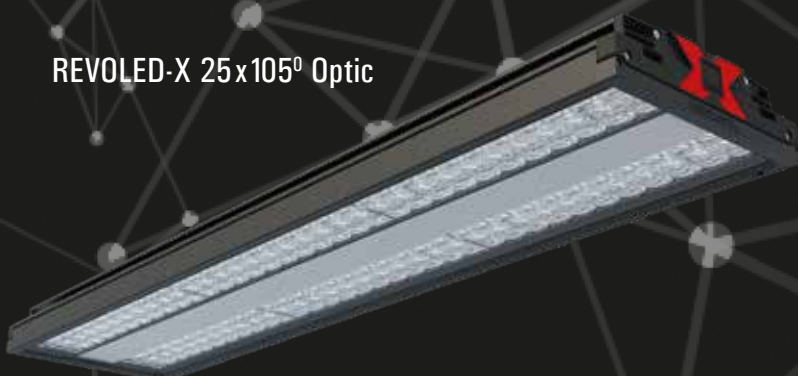


## SPECIAL OPTICAL REVOLVED-X

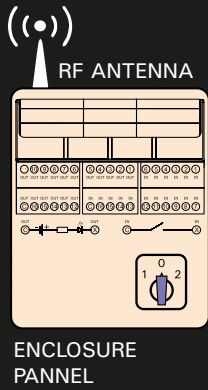
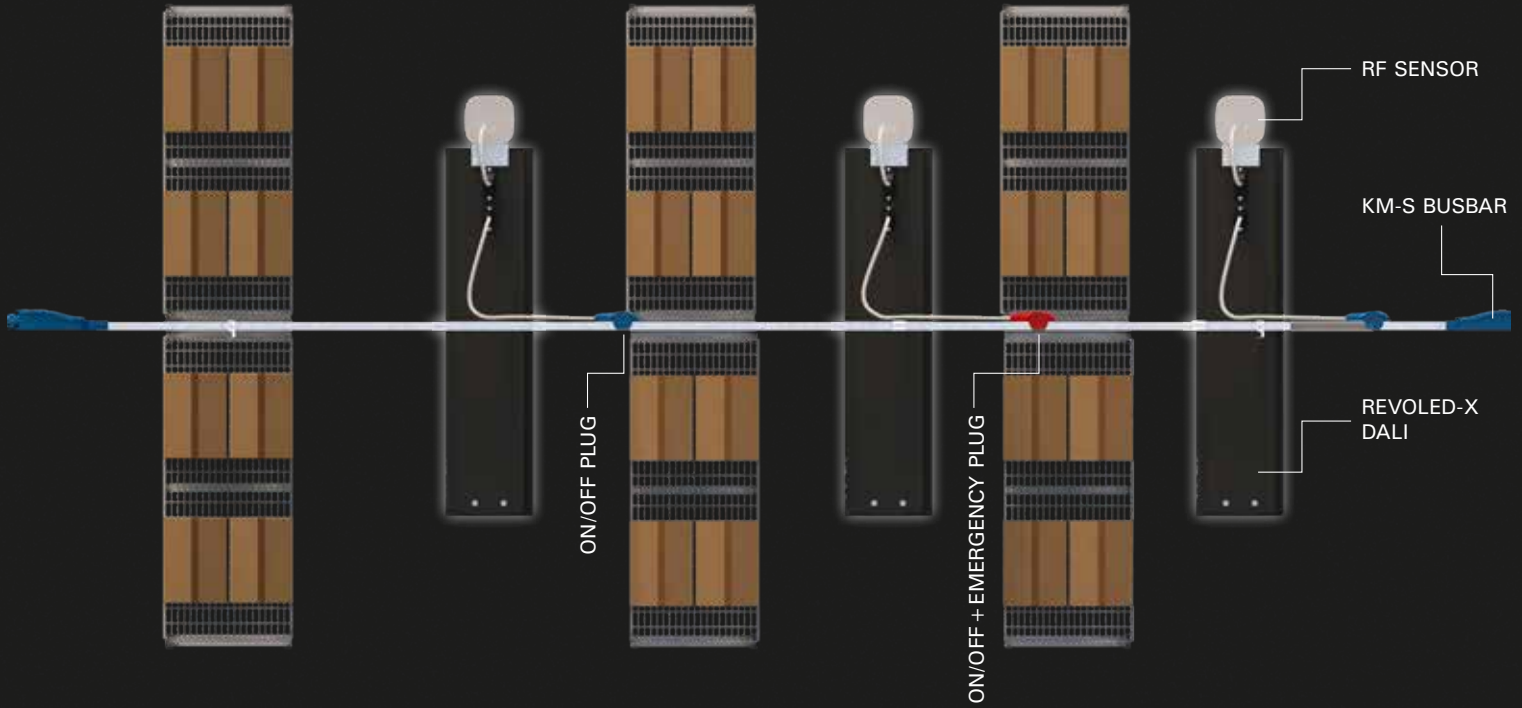
It offers high energy saving and low armature cost by ensuring ideal homogenic and lightness level with less number of armature.



REVOLVED-X 25x105° Optic

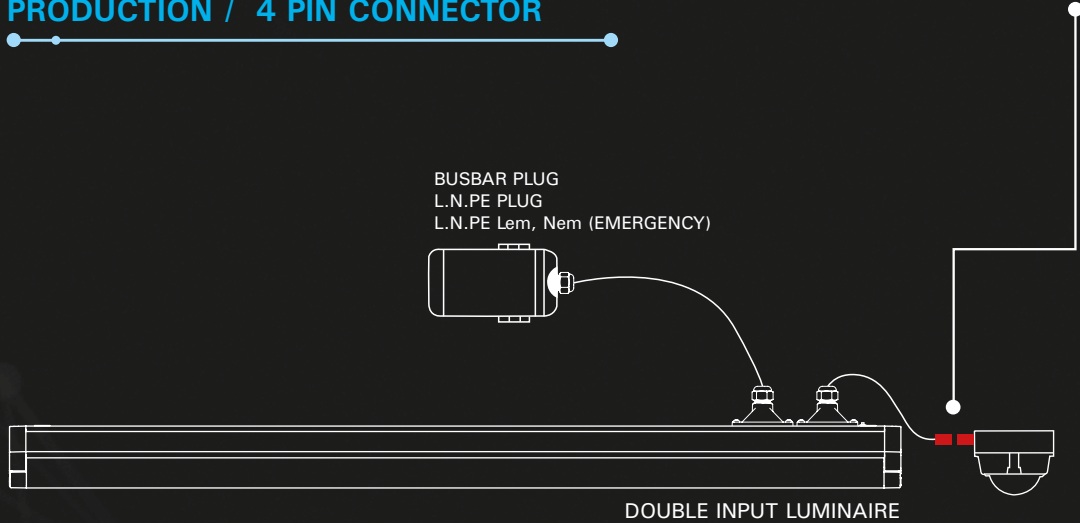






**PAKO SWICTH 3 STEP**  
 STEP '0' : FULL OFF  
 STEP '1' : FULL ON  
 STEP '2' : SENSOR ACTIVE / AUTOMATIC

**PRODUCTION / 4 PIN CONNECTOR**

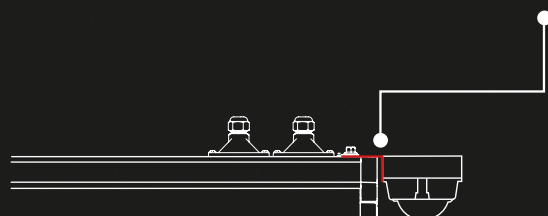


4 PIN CONNECTOR TECHNOC

MALE (sensor)  
 THB 4'LU DISI JAK IP66 TR  
 1024709

FEMALE (luminaire)  
 THB 4'LU ERKEK JAK IP66 TR  
 1023129

2 PIN for DALI  
 2 PIN for L/N



SENSOR SUSPENTION SET

## CERTIFICATION AND TESTS



EAE Lighting bases its studies on “Light Engineering” upon the measurements and assessments carried out in its laboratory established in 2007.

Our laboratory has been accredited, namely officially recognized for the safety standard EN 6598 concerning lightening armatures in KEMA (purchased by DEKRA in 2009) of which the headquarters is situated in the Netherlands. Today, all tests including SMT, namely post-audited manufacturer tests of lightening armatures are carried out by EAE Lighting laboratory and the certification is performed by DEKRA. The members off laboratory team are also certified by KEMA (DEKRA).



### External and internal wiring

Protection against electric shock

### Photometric tests

Goniophotometry 1

Goniophotometry 2

Ulbricht sphere

Reflectance and Light Transmittance

### Optical Radiation safety test

Resistance to dust, solid objects and moisture

### Humidity cabinet

Plastic tests

Needle flame test

Glow-Wire

Resistance to arc tracking

Endurance Test and Thermal Test

Endurance Test -40 ~ + 80

Endurance Test + 30 ~ + 150

### Thermal Test

Insulation resistance and electrical strenght

### Electrical strenght

Touch current

Earthing system

### Mechanical tests

Mechanical Strenght

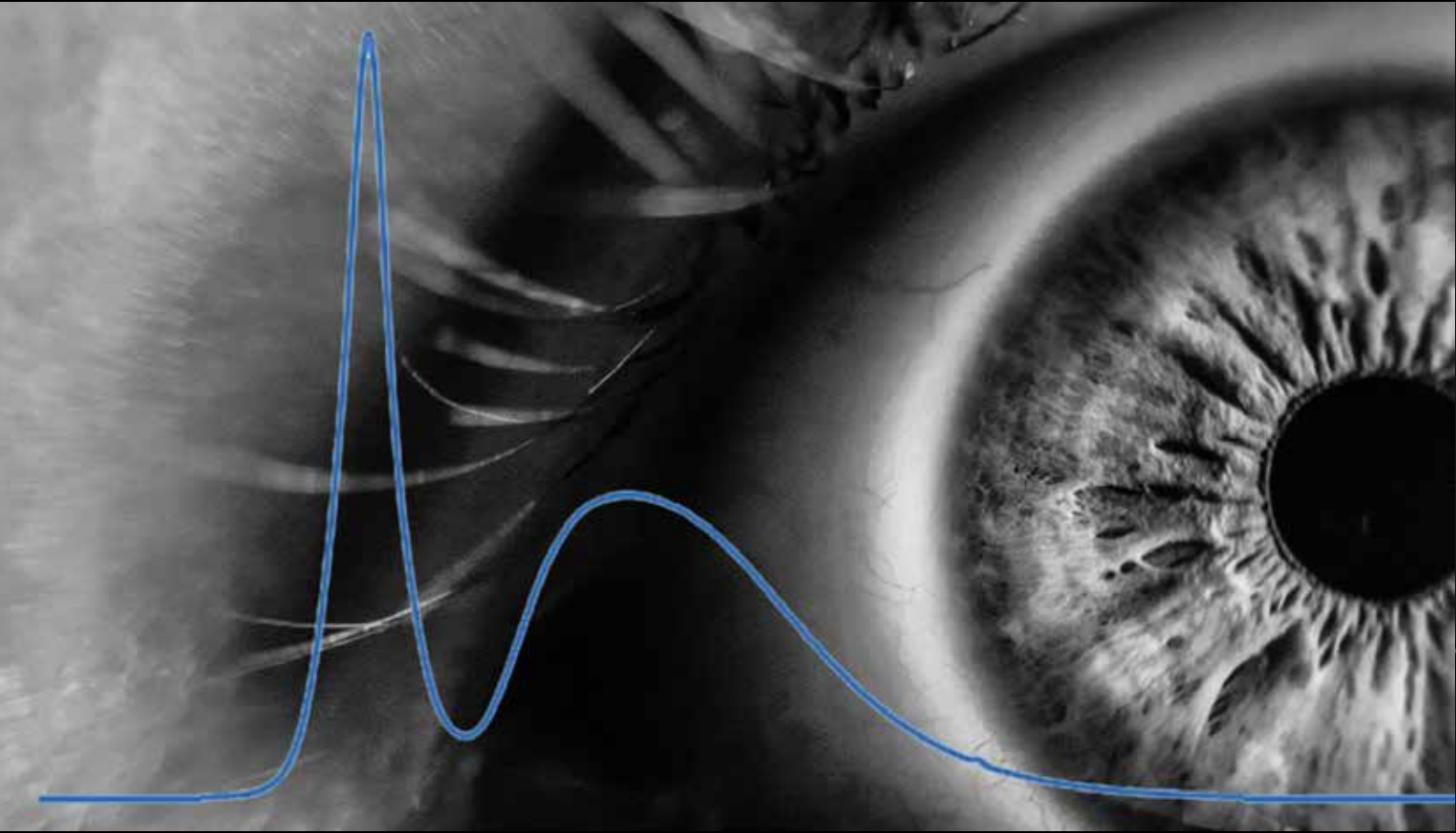
Screws, connections (mechanical) and glands

### Vibration Test

Corrosion resistance test

Hangers, fasteners and adjustment assembly

## PHOTOBIOLOGICAL SAFETY



In lightening armatures with LED, photobiological safety standard must be necessarily applied against damage of light to eye and skin and blue light hazard.

Regarding photobiological safety, photobiological safety standard must be necessarily applied against damage of light to eye and skin and **BLUE LIGHT HAZARD** in solid state lightening products such as LEDs, LED modules, lightening armatures with LED.

Wavelength spectrum of armatures emitting white light in different CCT values are given in Figure 1. When wavelength spectrum is reviewed in lightening armatures (those with white light and / or narrow-band radiation), it is observed that the armatures can emit even a

very small amount of pre-violet and / or infrared radiation. It is known that the light emitted in the specified region leads to damage in eye (on cornea/retina) and skin. LEDs used in lightening armatures must be certified regarding that they do not damage especially eye and skin layer in photobiological aspect in accordance with the standards. According to the standard EN 62471 of the European Union in this regard, the products that radiate between 200nm and 3000nm are subject to the tests within the scope of this standard.



EAE Lighting photobiological test laboratory

**Revoled-X** product family belong to RG1 group. Maximum exposure time to RG1 armatures is 100 seconds. Exposure to a direct light source for less than 100 seconds under ordinary conditions of use is not considered hazardous.

## INDUSTRIAL PRODUCTS

SROUND V.3



HBC



REVOLED-S V.3



LINA ETANJ V.3  
PG RAKOR



GALIS



ARKTOS



RA V.3



PROLIT PLUS



PROLIT V.3



PROLIT KOMPAKT



PROLIT-M PR V.2



GPRONA



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# REVOLED

Come together experience with next

EAE LIGHTING-Brochure **REVOLED-X - EN** - Uptade Date: 30.0602022  
EAE. is provided with the right to perform changes deemed necessary without notifying in advance.  
Please contact us for further information about products and details partaking in catalogue.



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Fax : +90 212 549 37 90  
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*engineering the light*