## EXPO SYSTEM LED FI 85 1550LM 24ST I KL IP20 BLACK (18W) ART.

**DETAILED CARD** 



## CHARACTERISTICS

High quality aluminum projector with LED COB light source. Universal application with track system. Lack of ultraviolet emission or infrared radiation, high color rendering index, high luminous efficacy and durability. Immediate ignition without flicker makes it the best replacement for metal halide or halogen sources projectors.

Available versions dedicated to lighting: meat, fresh meat, fruits and vegetables, fish and seafood, bread (gold), works of art (art), clothing (fashion).

### Accessories:

- base for surface mounting,
- honeycomb that reduces glare.

### **APPLICATION**

Possible use of specialized filters to highlight food stands. As accentuating lighting in commercial buildings, museums, exhibition halls and offices. For connection with track systems in the color of the projector

### **TECHNICAL PARAMETERS**

**Index:** 253348

Ingress protection: IP20

Nominal power [W]: 18

Luminous flux [lm]\*: 1550

Colour rendering index: 97

Energy efficiency class:

Material of the body: aluminium

Diffuser material: PMMA

Diffuser type: lens

**Mounting version:** track, surface



# EXPO SYSTEM LED FI 85 1550LM 24ST I KL IP20 BLACK (18W) ART.

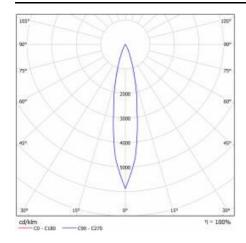
**DETAILED CARD** 

### **TECHNICAL PARAMETERS TABLE**

Light source:  Nominal power [W]:  Rated power of the luminaire [W]:  Supply voltage [V]:  Frequency [Hz]:  Luminous flux [Im]:  Luminous efficacy [Im/W]:  Energy efficiency class:  Electrical protection class:  Colour rendering index:  Beam angle [°]:  Diffuser material:  PMMA  Diffuser type:  Material of the body:  LED module  18  84  19.80  50 - 60  Luminous efficacy  F  Electrical protection class:  I  Colour rendering index:  97  Beam angle [°]:  24  Diffuser type:  lens  Material of the body:  black		
Rated power of the luminaire [W]: 19.80  Supply voltage [V]: 220-240  Frequency [Hz]: 50 - 60  Luminous flux [Im]: 1550  Luminous efficacy [Im/W]: 84  Energy efficiency class: F  Electrical protection class: I  Colour rendering index: 97  Beam angle [°]: 24  Diffuser material: PMMA  Diffuser type: lens  Material of the body: aluminium	Light source:	LED module
Supply voltage [V]:  Frequency [Hz]:  Luminous flux [Im]:  Luminous efficacy [Im/W]:  Energy efficiency class:  Electrical protection class:  Colour rendering index:  Beam angle [*]:  24  Diffuser material:  PMMA  Diffuser type:  Material of the body:	Nominal power [W]:	18
Frequency [Hz]: 50 - 60  Luminous flux [lm]: 1550  Luminous efficacy [lm/W]: 84  Energy efficiency class: F  Electrical protection class: I  Colour rendering index: 97  Beam angle [°]: 24  Diffuser material: PMMA  Diffuser type: lens  Material of the body: aluminium	Rated power of the luminaire [W]:	19.80
Luminous flux [lm]:  Luminous efficacy [lm/W]:  Energy efficiency class:  Electrical protection class:  Colour rendering index:  Beam angle [°]:  Diffuser material:  Diffuser type:  Material of the body:  1550  84  P  84  F  Electrical protection class:  I  Colour rendering index:  97  Beam angle [°]:  24  Diffuser material:  PMMA  Diffuser type:  lens  Material of the body:	Supply voltage [V]:	220-240
Luminous efficacy [Im/W]:  Energy efficiency class:  Electrical protection class:  Colour rendering index:  97  Beam angle [°]:  24  Diffuser material:  PMMA  Diffuser type:  lens  Material of the body:	Frequency [Hz]:	50 - 60
Energy efficiency class:  Electrical protection class:  Colour rendering index:  97  Beam angle [°]:  24  Diffuser material:  PMMA  Diffuser type:  Iens  Material of the body:	Luminous flux [Im]:	1550
Electrical protection class:  Colour rendering index:  97  Beam angle [°]:  24  Diffuser material:  PMMA  Diffuser type:  lens  Material of the body:  aluminium	Luminous efficacy [lm/W]:	84
Colour rendering index:  Beam angle [*]:  Diffuser material:  PMMA  Diffuser type:  lens  Material of the body:  aluminium	Energy efficiency class:	F
Beam angle [*]: 24  Diffuser material: PMMA  Diffuser type: lens  Material of the body: aluminium	Electrical protection class:	1
Diffuser material:  PMMA  Diffuser type:  lens  Material of the body:  aluminium	Colour rendering index:	97
Diffuser type: lens Material of the body: aluminium	Beam angle [°]:	24
Material of the body: aluminium	Diffuser material:	PMMA
	Diffuser type:	lens
Colour of the body: black	Material of the body:	aluminium
	Colour of the body:	black

Dimensions (H/W/T/S) [mm]:	Ø85/255
Ingress protection:	IP20
Mounting version:	track, surface
Working temperature [°C]:	from -20 to +35
Tilt angle adjustment [°]:	355
Net weight [kg]:	1.100
CE certificate:	45/2020
Warranty [years]:	2
Index:	253348
Category type:	spotlight
Category of application:	commercial facilities
Version:	art
Photobiological safety:	Risk Group 1 (no photobiological hazard under normal behavioral limitation)
Manual:	Download PDF

### **LIGHT CURVES**



# EXPO SYSTEM LED FI 85 1550LM 24ST I KL IP20 BLACK (18W) ART.

**DETAILED CARD** 

### **ACCESSORIES AVAILABLE**

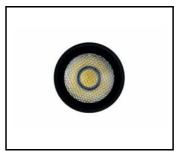
index	Name
255106	EXPO SYSTEM LED surface mounting base black
255113	EXPO SYSTEM LED surface mounting base white
255120	EXPO SYSTEM LED honeycomb



EXPO SYSTEM LED surface mounting base black (255106)



EXPO SYSTEM LED surface mounting base white (255113)



EXPO SYSTEM LED honeycomb (255120)

