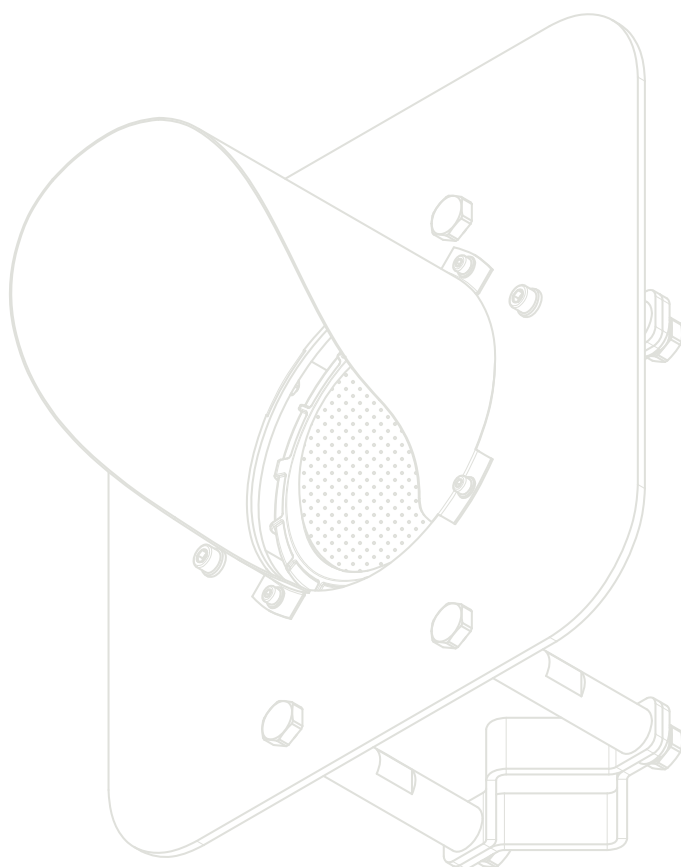


A R C U S

TRF-IL LED LUMINAIRES



TRAFFEX™ FOR EX



EXPLOSION PROOF
EX

TRAFFEX™ FOR HL



HAZARDOUS LOCATION
HL

TRAFFEX™ FOR IL



INDUSTRIAL LOCATION
IL



SPECIFICATION

MODEL WATTAGE	15 W	30 W	45 W
LUMEN OUTPUT	N/A	N/A	N/A
DIMENSIONS	TB/TBH: 11.8 X 11.8 X 11.5 IN (300 X 300 X 292 MM) UC/UCH: 15.7 X 11.8 X 10.1 IN (400 X 300 X 256 MM)	TB/TBH: 19.7 X 11.8 X 11.5 IN (500 X 300 X 292 MM) UC/UCH: 19.7 X 15.7 X 10.1 IN (500 X 400 X 256 MM)	TB/TBH: 27.6 X 11.8 X 11.5 IN (700 X 300 X 292 MM) UC/UCH: 27.6 X 15.7 X 10.1 IN (700 X 400 X 256 MM)
NET FIXTURE WEIGHT	7,45 LBS (3,4 KG) (TB/TBH)* 8,93 LBS (4,1 KG) (UC/UCH)*	12,0 LBS (5,5 KG) (TB/TBH)* 13,49 LBS (6,1 KG) (UC/UCH)*	16,6 LBS (7,5 KG) (TB/TBH)* 18,08 LBS (8,2 KG) (UC/UCH)*
ENCLOSURE MATERIAL	Copper free aluminum alloy		
FINISH	Polyester powder coat finish		
HARDWARE AND MOUNTING	Marine grade stainless steel parts and screws		
CABLE GLANDS AND CONNECTORS	Classified for IP66 nickel plated brass M20 adapter to 3/4" adapter with 6 feet of wire		
LENS	Military Grade UL94 V-0 rated Lexan/Tempered clear borosilicate glass		
LIGHT SOURCE	High Power LEDs CREE		
COLOR RENDITION INDEX (CRI)	> 70		
INPUT POWER (+25°C)	20 W	40 W	60 W
FIXTURE EFFICIENCY	N/A		
LED DRIVER	CUSTOM MADE, 100-280 VAC, 50/60HZ; 230-370 VDC, 15-36 VDC (LV)		
LED DRIVER PROTECTION	OVERLOAD, SHORT-CIRCUIT PROTECTION		
SURGE PROTECTION	1 KV (EXCEPT LLV)		
POWER FACTOR	> 0.95		
THD (total harmonic distortion)	<30%		
INRUSH CURRENT	15 A	30 A	45 A
AMBIENT OPERATING TEMPERATURE	-40°C TO +45°C		
T-RATING FOR (+55°C)	T5		
FIXTURE LIFE (+25°C)	70 000 HOURS (RV)* 100 000 HOURS (LV)		
FIXTURE LIFE (+55°C)	40 000 HOURS		
FIXTURE LIFE (+65°C)	N/A		
WARRANTY	5 YEARS		

* - Measurement tolerance +/- 10%

ETL/cETL CERTIFIED TO:

UL 1598 Suitable for Wet Locations
UL 1598A Marine Outside Type
(Saltwater)
CSA C22.2 No. 250.0
CSA C22.2 No. 137
IP67 rated per IEC 60598-1 | -25°C to +45°C

ARCUS TRF-IL LED BENEFITS:

- Instant on/no warm up
- Extreme compact size and weight
- Energy-efficient/up to 65% savings when compared to traditional HID lighting
- Improved Safety
- Operating ambient -40°C to +45°C
- 5 year warranty
- High CRI for improved visibility and clarity
- Damn near bullet proof

APPLICATION

Loading Terminals
Dust, Wet,
Energy, Gas & Oil
Manufacturing
Wastewater
Scale Houses
Intersection with in facilities

APPROVED FOR:

IP67
Dust proof, water resistant, high temperature and sub zero applications
Corrosive atmospheres, marine rated, extreme wet applications





ORDERING INFORMATION: PART NUMBER EXAMPLE TRF-IL-TB-SPC-RV-120-R-15W-BK

1 TRF	2 IL	3 TB	4 SPC	5 RV	6 120	7 R	8 15W	9 BK
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DETAILED INFORMATION

2 FAMILY NAME ENCLOSURE TYPE

IL Industrial Locations
Rated Body

3 MOUNTING

TB Pole Mount Vertical
(Standard)
TBH Pole Mount Horizontal
UC Universal Mount Vertical
UCH Universal Mount Horizontal

4 REFLECTOR (LENS)

SPC Special Polycarbonate
lens

5 VOLTAGE

RV 120-277 V AC, 50/60 Hz
LV 24 V DC (special order)

6 SECONDARY OPTICS

120° Full Flood (No Optics -
Standard)

7 COLOR TEMPERATURE

R Red
RG Red | Green
RYG Red | Yellow | Green

8 WATTAGE

15 W
30 W
45 W

9 BODY COLOR

BK Black (Standard)

PROJECT INFORMATION

PROJECT NAME:

LOCATION:

DESCRIPTION:

CONTACT INFORMATION:

NAME:

E-MAIL:

PHONE:

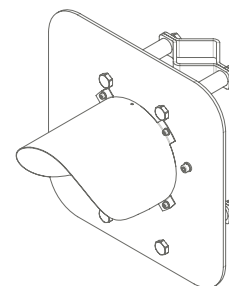
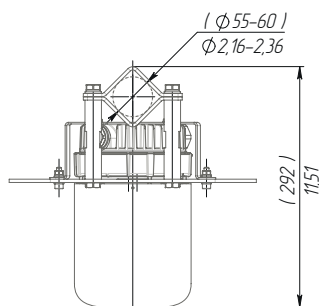
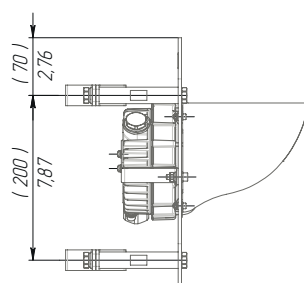
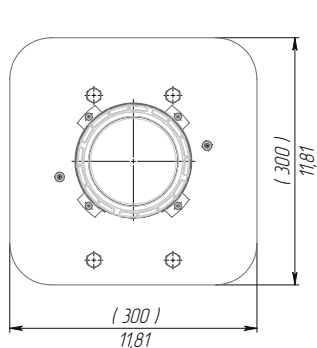
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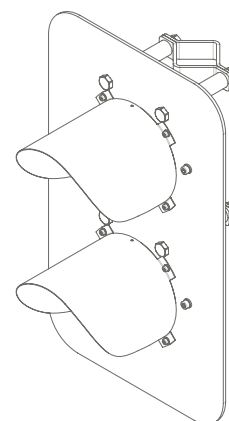
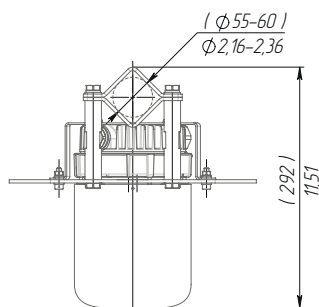
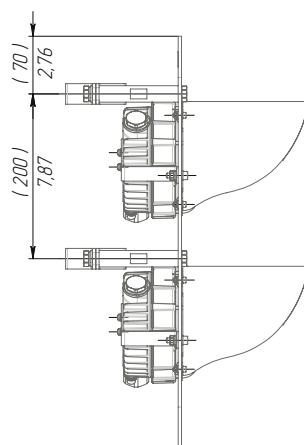
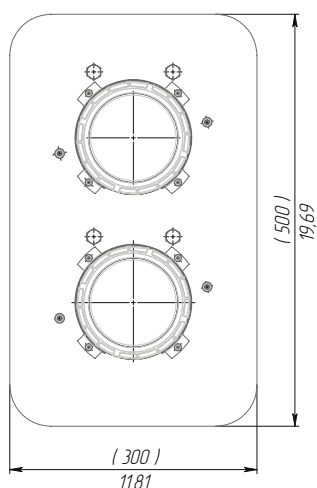
TRF-IL (TB BRACKET 15 W)

FIXTURE WEIGHT:
7,45 lb (3,4 kg)



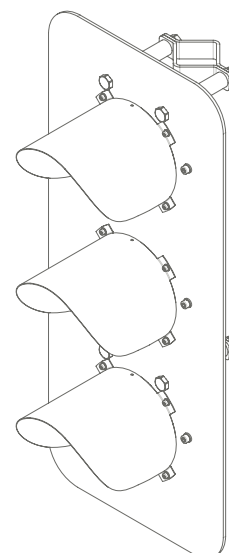
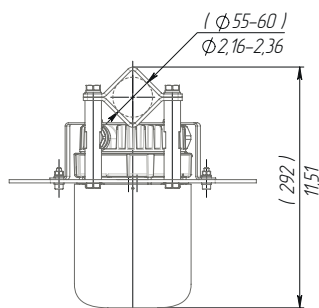
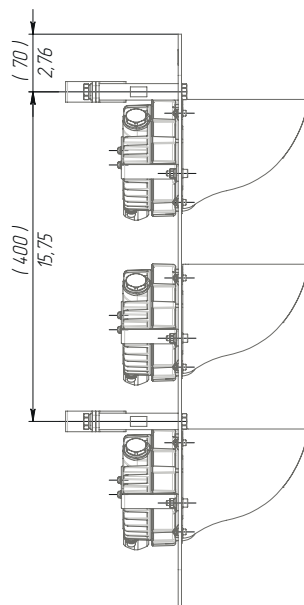
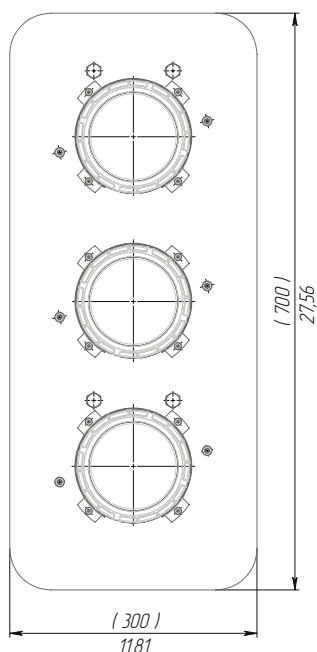
TRF-IL (TB BRACKET 30 W)

FIXTURE WEIGHT:
12,0 lb (5,5 kg)



TRF-IL (TB BRACKET 45 W)

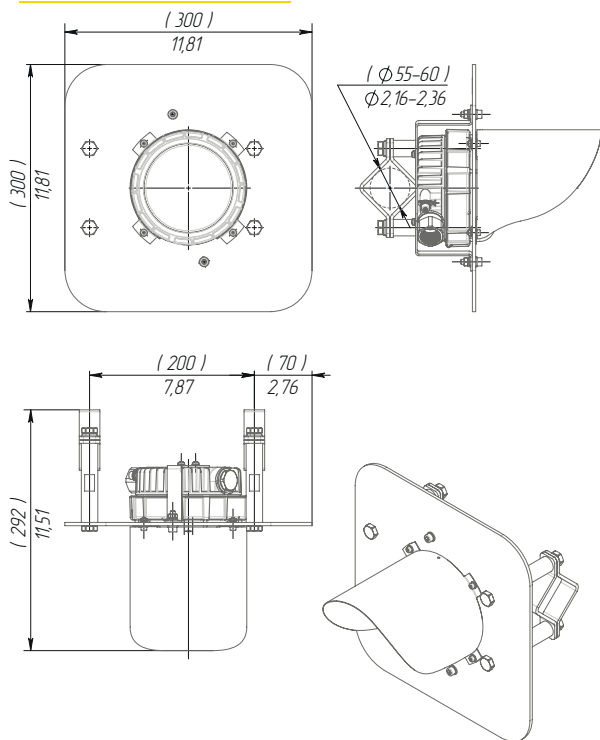
FIXTURE WEIGHT:
16,6 lb (7,5 kg)





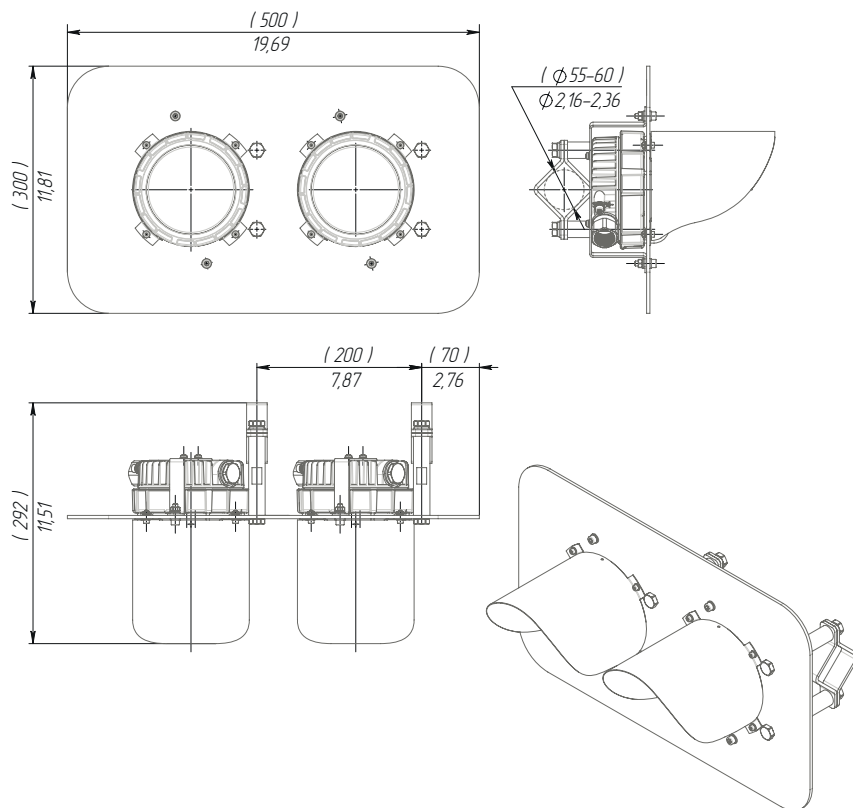
TRF-IL (TBH BRACKET 15 W)

FIXTURE WEIGHT:
7,45 lb (3,4 kg)



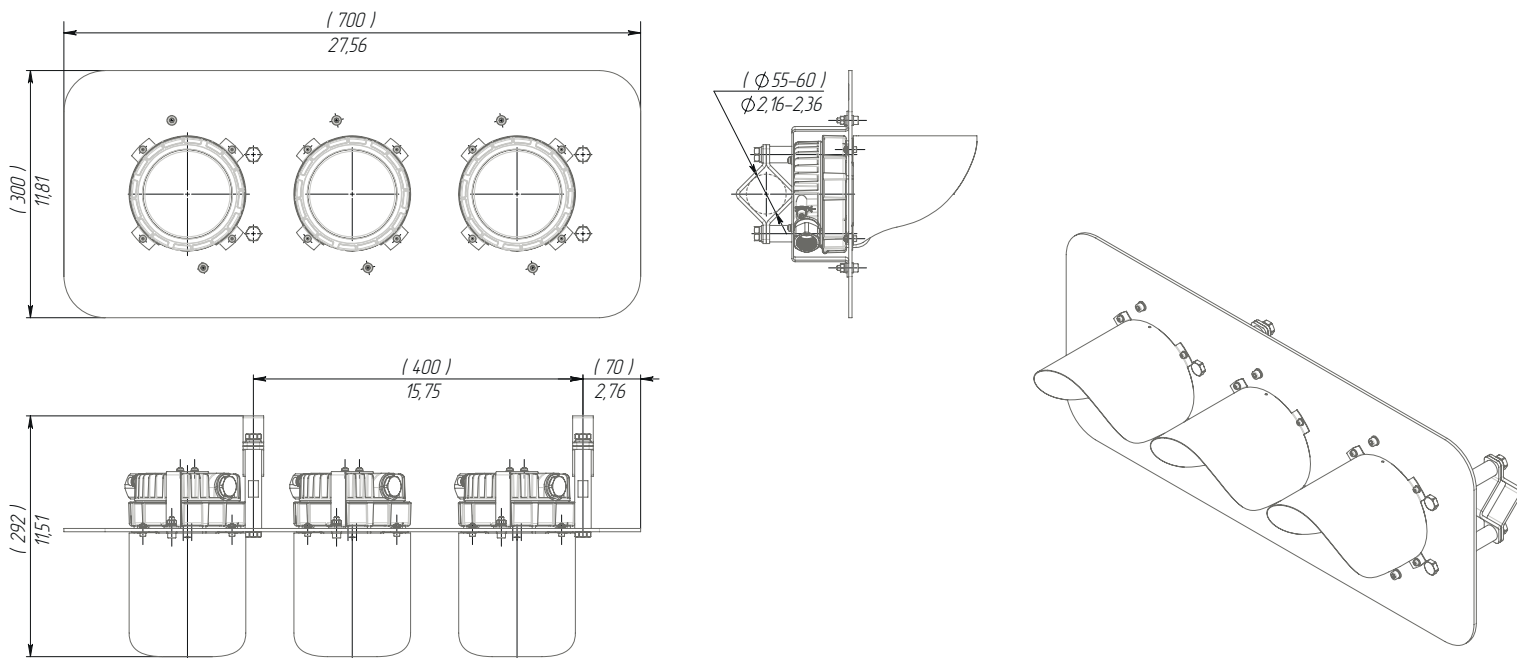
TRF-IL (TBH BRACKET 30 W)

FIXTURE WEIGHT:
12,0 lb (5,5 kg)



TRF-IL (TBH BRACKET 45 W)

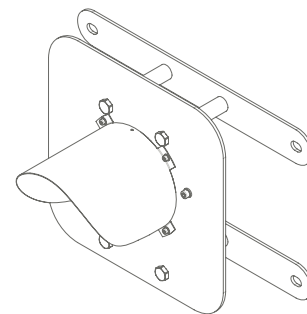
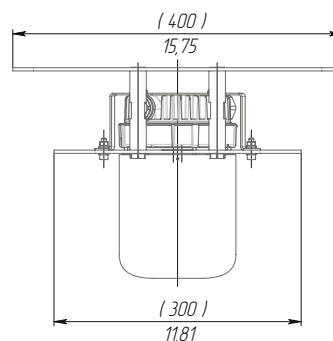
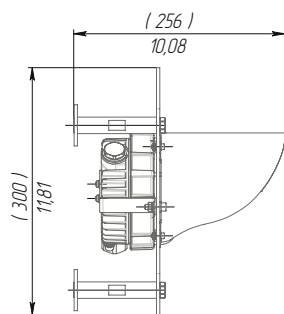
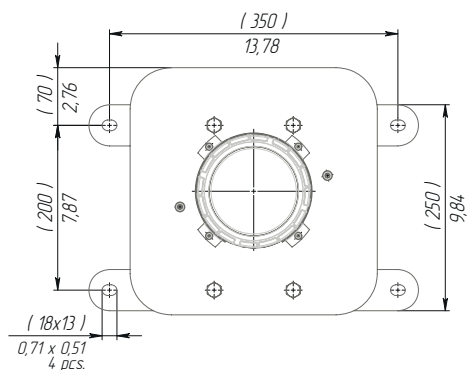
FIXTURE WEIGHT:
16,6 lb (7,5 kg)





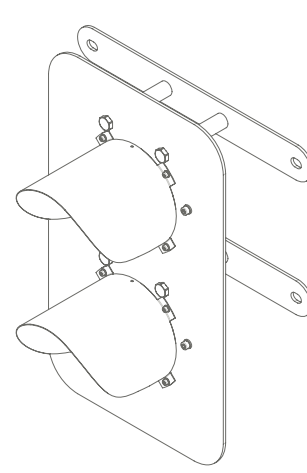
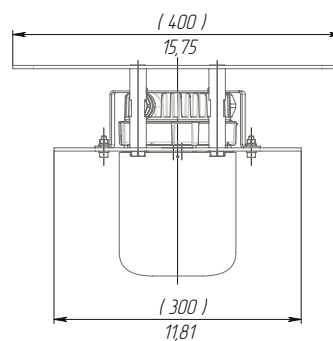
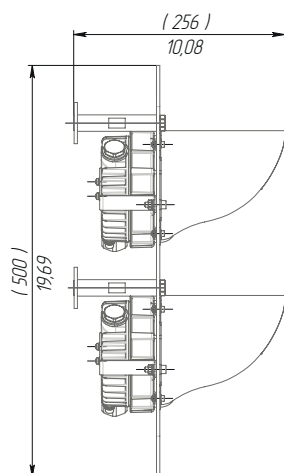
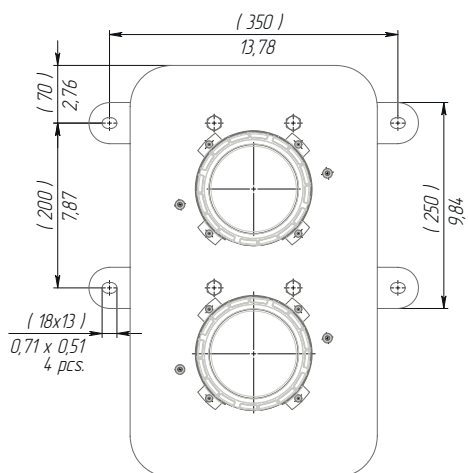
TRF-IL (UC BRACKET 15 W)

FIXTURE WEIGHT:
8,93 lb (4,1 kg)



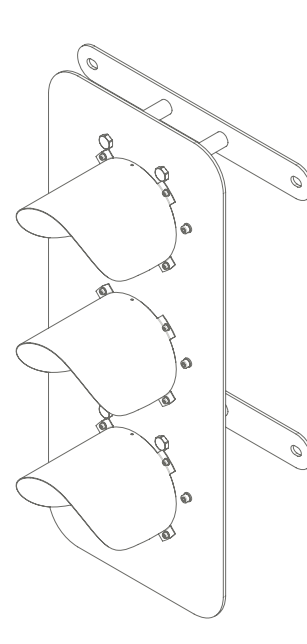
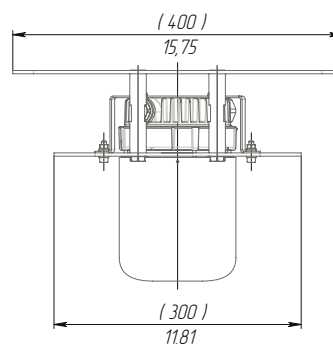
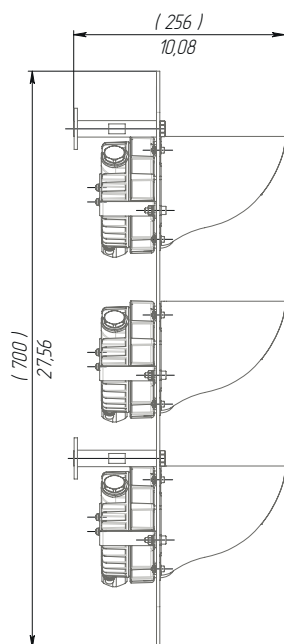
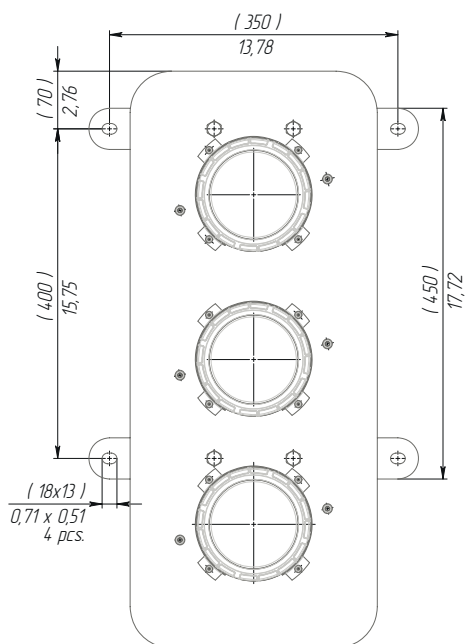
TRF-IL (UC BRACKET 30 W)

FIXTURE WEIGHT:
13,49 lb (6,1 kg)



TRF-IL (UC BRACKET 45 W)

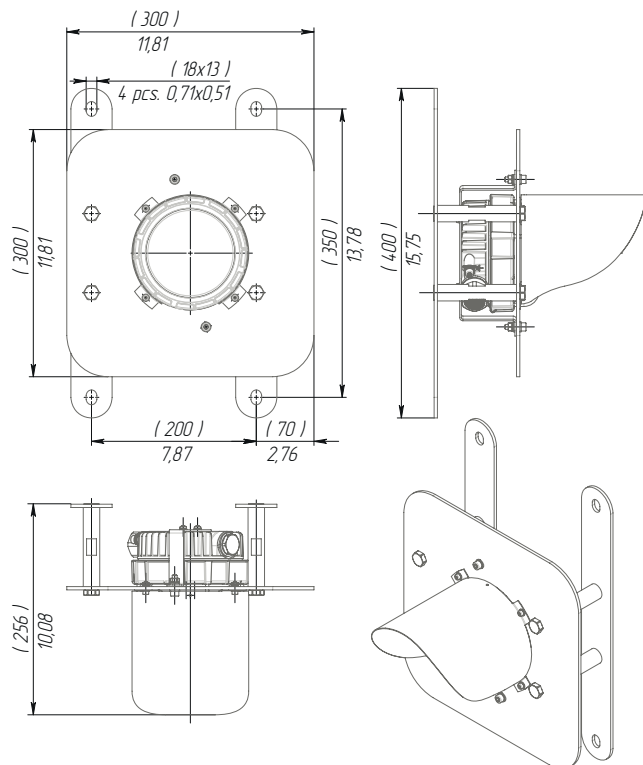
FIXTURE WEIGHT:
18,08 lb (8,2 kg)





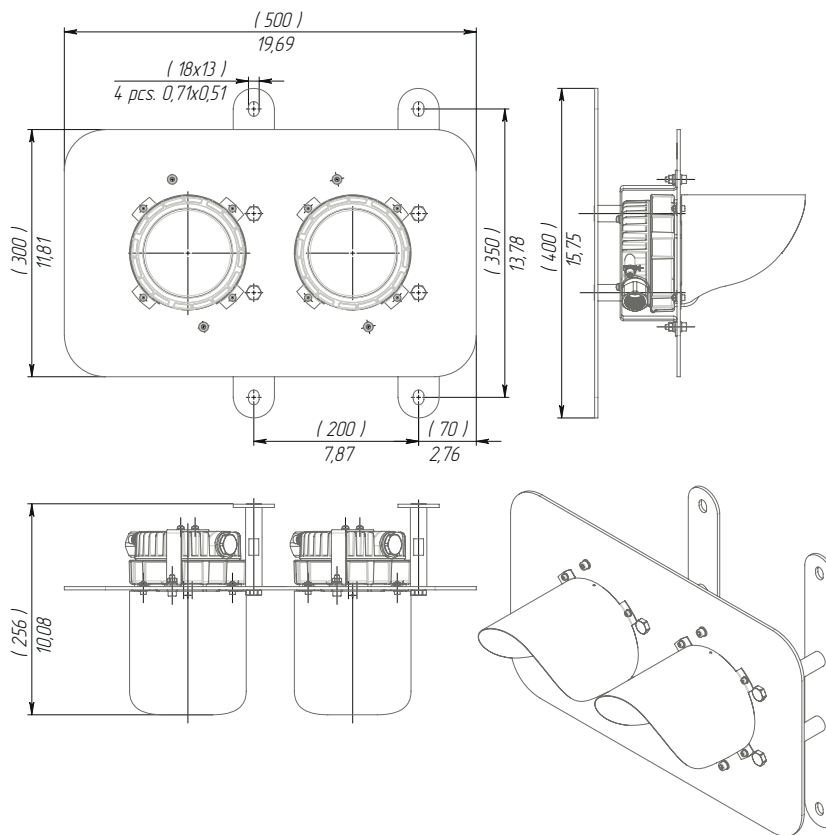
TRF-IL (UCH BRACKET 15 W)

FIXTURE WEIGHT:
8,93 lb (4,1 kg)



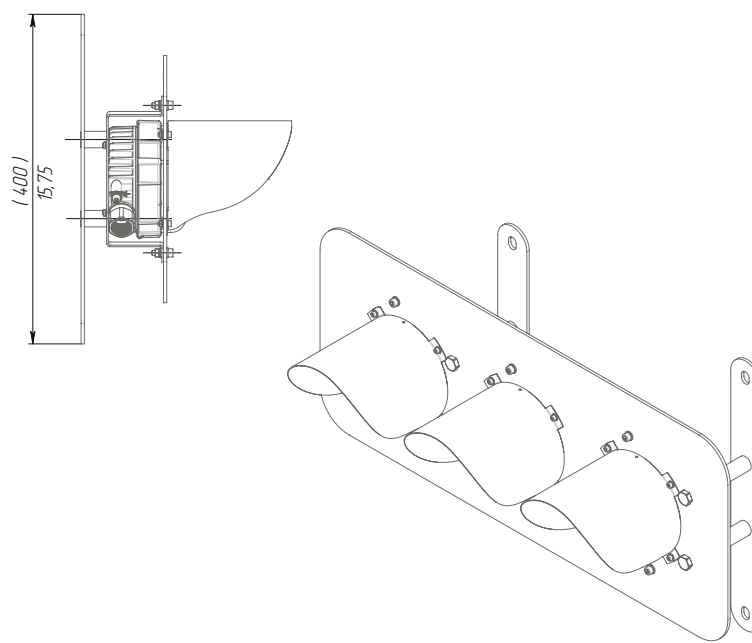
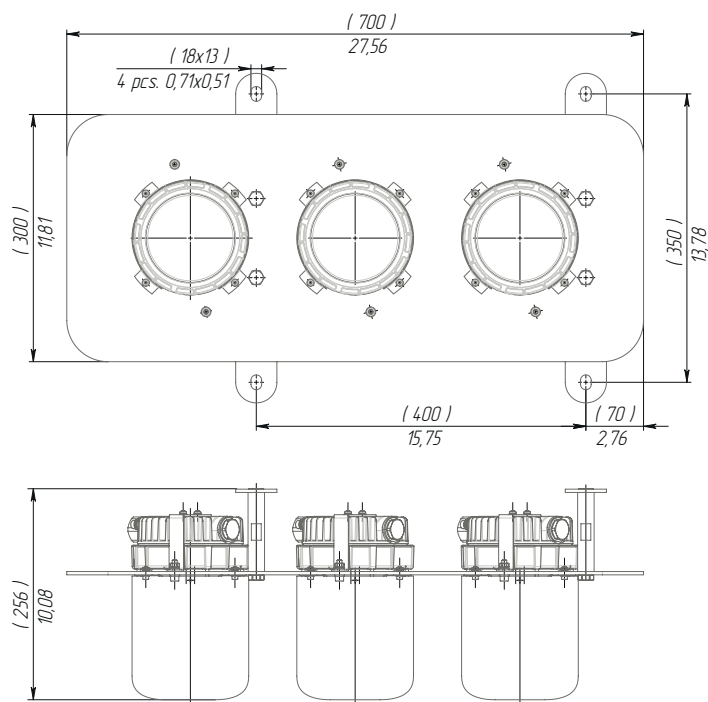
TRF-IL (UCH BRACKET 30 W)

FIXTURE WEIGHT:
13,49 lb (6,1 kg)



TRF-IL (UCH BRACKET 45 W)

FIXTURE WEIGHT:
18,08 lb (8,2 kg)





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