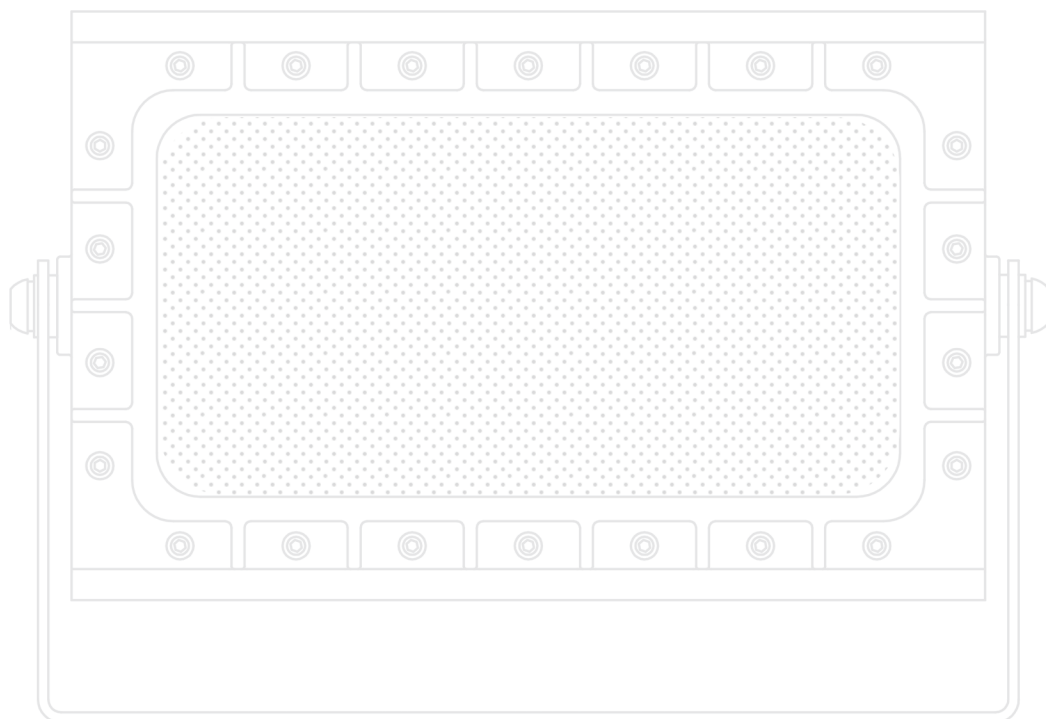


A R C U S

PRO-HL LED LUMINAIRES



PROAIR™ FOR EX



COMING SOON

EXPLOSION PROOF


PROAIR™ FOR HL

HAZARDOUS LOCATION


PROAIR™ FOR IL

INDUSTRIAL LOCATION


SPECIFICATION

MODEL WATTAGE	60W	80W	100W	120W
LUMEN OUTPUT	7800 LM*	9900 LM*	12000 LM*	13000 LM*
DIMENSIONS	13.9 X 9.0 X 3.8 IN (354 X 228 X 96 MM)		13.9 X 10.7 X 3.8 IN (354 X 272 X 96 MM)	
NET FIXTURE WEIGHT (with SB swivel bracket)	15.4 LBS (7.6 KG)		19.9 LBS (9.6 KG)	
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	Stainless steel cable gland with 6 feet of wire			
LENS	Military Grade UL94 V-0 rated Lexan and engineered optics			
LIGHT SOURCE	High Power CREE LEDs			
COLOR RENDITION INDEX (CRI)	> 70			
INPUT POWER (+25°C)	60W	80W	100W	120W
FIXTURE EFFICIENCY	130 LPV	123 LPW	120 LPW	108 LPW
LED DRIVER	Phillips Xitanium, 120-277 VAC, 50/60Hz; With 0-10 VDC Dimming			
LED DRIVER PROTECTION	Short Circuit, Open Circuit Protection for LED + and LED – and Temperature Foldback			
SURGE PROTECTION	6kV exept LV			
POWER FACTOR	> 0.95			
THD (total harmonic distortion)	<10%			
INRUSH CURRENT	23-51.5 A	27-84 A	27-84 A	46-103 A
AMBIENT OPERATING TEMPERATURE	-40°C TO +45°C (IL) -40°C TO +55°C (ILL)	-40°C TO +40°C (IL) -40°C TO +55°C (ILL)	-40°C TO +55°C	-40°C TO +50°C
FIXTURE LIFE (+25°C)	100 000 hours	100 000 hours	100 000 hours	100 000 HOURS
FIXTURE LIFE (+55°C)	N/A [HL] 50 000 HOURS [HLL]	N/A [HL] 50 000 HOURS [HLL]	50 000 hours	N/A
FIXTURE LIFE (+65°C)	N/A	N/A	N/A	N/A
ACCESSORIES (ORDER SEPARATELY)	Slip-fitter, Bullhorns, PhotoCell			
WARRANTY	5 Years			

* - Measurement tolerance +/- 10%

ETL/cETL CERTIFIED TO:

UL 844 for Use in Hazardous (Classified) Locations
 UL 1598 Suitable for Wet Locations
 UL 844 for Use in Hazardous (Classified) Locations
 CSA C22.2 No. 250.0
 CSA C22.2 No. 137
 IP66 rated per IEC 60598-1 |
 -40°C to +45°C

APPROVED FOR:

Class I Division 2 Groups A, B, C, D
 Class I Zone 2 Group IIC
 Class II Division 1 and 2 Groups E, F
 Class II Zone 20, 21, or 22 Group
 Class III
 1Ex d IIC T5 | -40°C to +55°C

ARCUS PRO-HL LED BENEFITS:

- Instant illumination and restrike
- Versatile mounting options
- Extremely lightweight vs competition
- Energy-efficient/up to 65% savings when compared to traditional HID lighting
- 0-10V dimming for controls
- Damn near bullet proof
- Up to 23 years (at 12hrs a day) of light, eliminating bulb and ballast replacement maintenance
- Contains no mercury or other hazardous substances
- High CRI for improved visibility and clarity
- Operating ambient -40°C to +55°C
- 5 year fixture warranty

APPLICATION

Exterior flood, spot
 Wet, Dusty interior and exterior applications
 Locations requiring continuous and consistent light levels in extreme heat or cold.
 Highbay Applications
 Marine, boats, ships
 Manufacturing
 Wastewater

ORDERING INFORMATION: PART NUMBER EXAMPLE PRO-HL-SB-PPC-RV-120-5K-60W-S

1

PRO

2

HL

3

SBP

4

PPC

5

RV

6

120

7

5K

8

60W

9

S

DETAILED INFORMATION

2

FAMILY NAME
ENCLOSURE TYPE

3

MOUNTING

4

REFLECTOR

5

VOLTAGE

HL

Hazardous Locations Rated
Flat Enclosure

HLL

Hazardous Locations Rated
Curved Fin Enclosure

SBP

Swivel Bracket Pendant
Mount (Standard)

PPC

Protective Polycarbonate

RV

120-277 VAC (with
dimming option)

LV

Low voltage 24 VDC*

6

SECONDARY OPTICS

7

COLOR TEMPERATURE

8

WATTAGE

9

BODY COLOR

120°

Full Flood (No Optics -
Standard)

85°

NEMA6 Type Beam (Round)

3K

3000K Warm Yellow

4K

4000K Warm White

5K

5000K Cool White
(Standard)

60W

80W

100W

120W

S

Silver (Standard)

* only available for 60 W

PROJECT INFORMATION

PROJECT NAME:

LOCATION:

DESCRIPTION:

CONTACT INFORMATION:


NAME:


E-MAIL:

PHONE:

DATE:

ARCUSLIGHT.COM

 (858) 353-1073
SALES@ARCUSLIGHT.COM

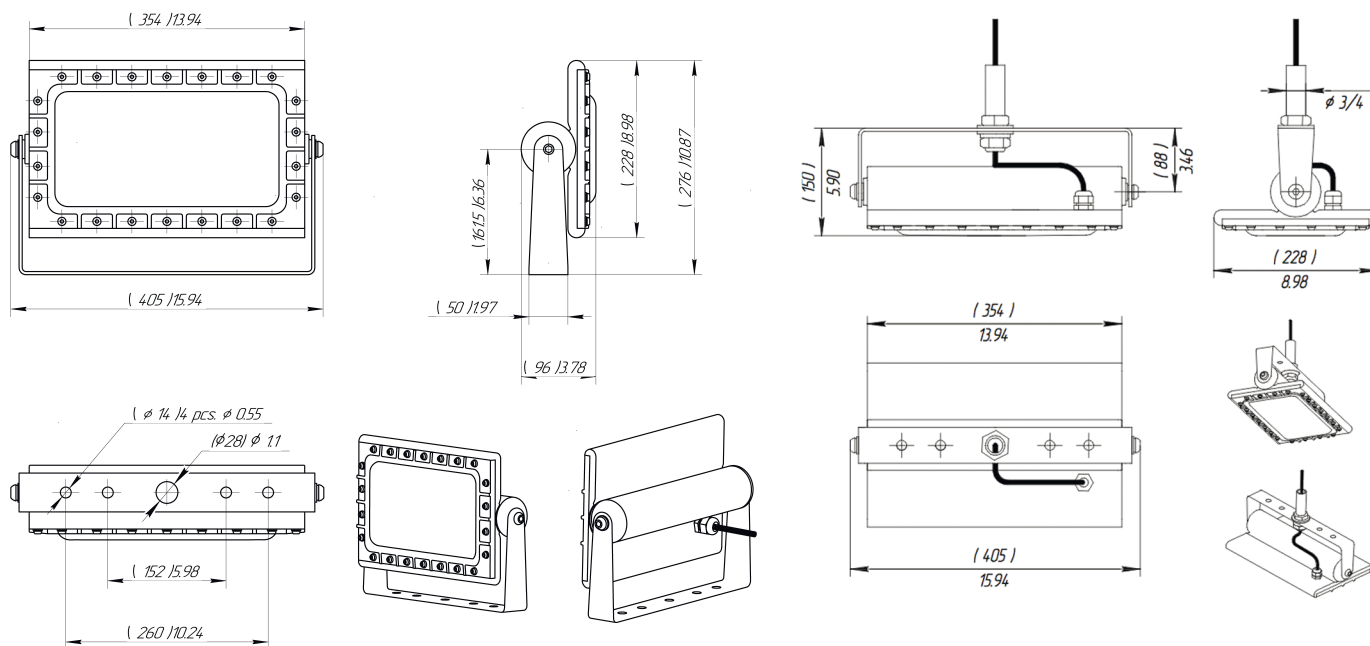
 10457 ROSELLE STREET, SUITE #E
SAN DIEGO, CA 92121

REVISED
03-03-20

PAGE 3 OF 5

PRO-HL (SBP BRACKET)

FIXTURE WEIGHT:
17,6 lb (7,98 kg)





(858) 353-1073

SALES@ARCUSLIGHT.COM

10457 ROSELLE STREET, SUITE #E
SAN DIEGO, CA 92121