



PYTHON

INDUSTRIAL FIXTURES

Round high bay



The Python Series round highbay is the value engineered solutions. It comes standard with NEMA4X rating, a 10 feet power cord as well. This competitively priced high bay has a high lumen output and a wide variety of customization options. The Python series is DLC rated. The Python series is easy to install with its standard 10ft power cord and will go beyond your ROI expectations.

Project: _____

Qty: _____

Notes: _____

OPERATING & ELECTRICAL

Input voltage	120-277Vac
Power factor	0.9
Total harmonic distortion (THD)	<20%
Dimming	0-10V external dimming down to 10%

PERFORMANCE

Lumens per Watt	150 LPW at 80CRI
Power	100, 150, 200W
Beam angle	60, 90, 120°

MECHANICAL & HOUSING

Housing Forged from cold rolled magnesium alloy for superior heat dissipation, strength, and rigidity.

Lens Highly durable tempered glass lens ensures high efficiency light output for a clean, evenly illuminated surface with minimal glare. High transmittance lens allowing for a smooth, diffused light pattern.

Finish	Black, white
Power Supply	Factory wired electronic LED driver
LED Board	Discrete LED

APPLICATION CONDITION

Ambient temperature range	-20 to 40°C
Protection	IP65 rated, 4X

NEMA

COMPATIBLE MOUNTING

Mounting	Suspended, 3/4" NPT pole (with adapter)
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WARRANTY

System warranty	5 years
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Lumen maintenance Rated for 70% initial lumen output at 100,000 hours of operation, operated at 25°C ambient temperature; per guidelines published by the Illuminating Engineering Society (IES). (L70 at 100,000 hours)

ORDERING GUIDE

EXAMPLE: AE-IL-PT100W-UC-40-130-60-80-BK

AE-IL-PT	100W	-UC	-40	-130	-60	-80	-BK
FIXTURE FAMILY	POWER	VOLTAGE	CCT	LED CODE	BEAM ANGLE	CRI	FINISH
AE-IL-PT Aeralux Python Series industrial fixtures round high bay	100W 100 Watts: 15,000 lumens	-UC 120-277Vac input voltage range	-40 4000K CCT	-130 130 LED code	-60 60° beam angle	-80 Normal 80 CRI	-BK Black finish
	150W 150 Watts: 22,500 lumens		-50 5000K CCT	-195 195 LED code	-90 90° beam angle		
	200W 200 Watts: 30,000 lumens		-57 5700K CCT	-260 260 LED code	-120 120° beam angle		

NEMA 4X RATED

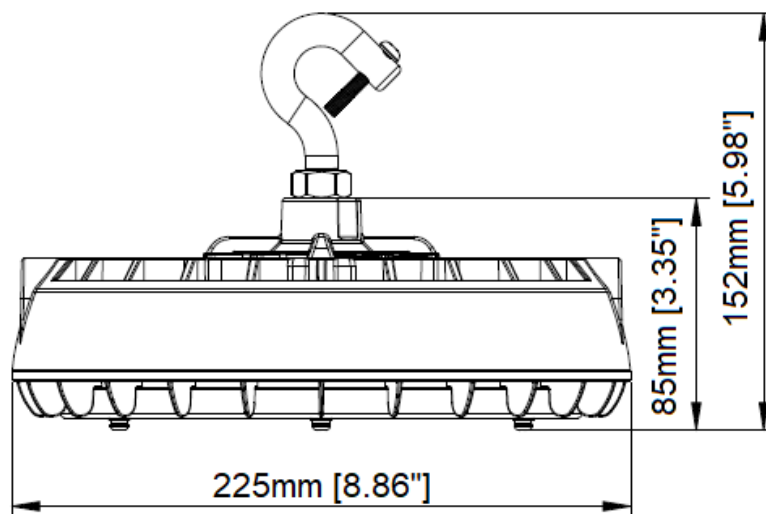


IP 65

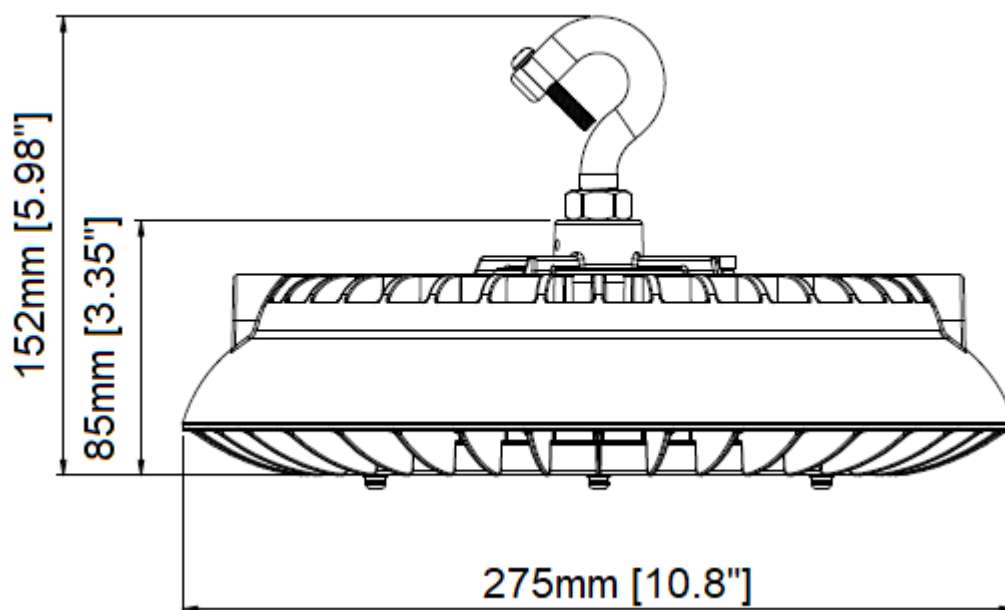


PRODUCT DIMENSIONS

AE-IL-PT100W



AE-IL-PT150W, AE-IL-PT200W



DLC MODELS

AE-IL-PT100W-UC-40-130-120-80	PL60AFGHZF3D
AE-IL-PT150W-UC-40-195-120G-80	PLI0AMTDM8B8
AE-IL-PT150W-UC-40-195-90D-80	PL56WCBQUOI8
AE-IL-PT200W-UC-40-260-60D-80	PLL5Q72QJ7J6
AE-IL-PT150W-UC-40-195-60D-80	PLR835C8VU7N
AE-IL-PT200W-UC-50-260-60-80	PLW19GF3TWYR
AE-IL-PT200W-UC-50-260-90-80	PL93EB5CFZ8Y
AE-IL-PT150W-UC-50-195-120G-80	PLVGO2SYEMPG
AE-IL-PT200W-UC-40-260-90-80	PLOO6ZLUK5LL
AE-IL-PT200W-UC-50-260-90D-80	PL53OO5FYVO5
AE-IL-PT200W-UC-50-260-60D-80	PLPY31LZIFLJ
AE-IL-PT150W-UC-50-195-90D-80	PLQIH27Y49G2
AE-IL-PT100W-UC-50-130-90D-80	PLTK3B5HB01M
AE-IL-PT100W-UC-40-130-90-80	PL9CX84K7Q5N
AE-IL-PT100W-UC-50-130-60D-80	PLUTC AEI48DP
AE-IL-PT100W-UC-40-130-90D-80	PLQ4JAWSUE2Y
AE-IL-PT200W-UC-50-260-120G-80	PLNNZRO8D4MS
AE-IL-PT100W-UC-40-130-120G-80	PL395MMECZYF
AE-IL-PT200W-UC-40-260-120G-80	PLPXNBVVXRTM
AE-IL-PT150W-UC-50-195-60D-80	PLU0XJG0XET9
AE-IL-PT150W-UC-40-195-60-80	PLT5U1MZROJN
AE-IL-PT100W-UC-40-130-60D-80	PLQ3G8A2M3FP
AE-IL-PT200W-UC-40-260-70-80	PLAJRA2Q1P7D
AE-IL-PT100W-UC-50-130-60-80	PLV2ZGZA4KA
AE-IL-PT100W-UC-50-130-120G-80	PLHZ0G4KAHC8
AE-IL-PT150W-UC-50-195-90-80	PLMXXZEXWVI7
AE-IL-PT100W-UC-40-130-60-80	PLT5SADDFG0
AE-IL-PT150W-UC-40-195-90-80	PLOY5MNOW1AF
AE-IL-PT100W-UC-50-130-90-80	PLVIU9C7JORH
AE-IL-PT200W-UC-40-260-60-80	PL5L02V0VRTE
AE-IL-PT150W-UC-50-195-60-80	PLGZCIFIOTWJ
AE-IL-PT200W-UC-40-260-90D-80	PL0D2XGBVZNL

LUMEN ESTIMATE

Lumen output varies based on CCT and CRI. An estimate of lumen output of the various CCT/CRI combinations, use correction factors as per table below:

Lumen estimate adjustment factors				
CCT	2700K	3000K	3500K	4000K
NORMAL (80CRI)	0.91	0.94	0.97	1

PHOTOMETRIC DATA

AE-IL-PT200W-UC-40-260-120-80-BK

Coefficients of utilization												
Ceiling	80%				70%		50%		30%		0%	
Wall	70%	50%	30%	10%	50%	10%	50%	10%	50%	10%	0	
RCR	Zonal Cavity Method – Effective floor reflectance = 20%											
Room Cavity Ratio	1	119	119	119	119	116	116	111	111	106	106	99
	2	110	105	101	98	103	96	99	93	95	90	85
	3	100	92	86	80	90	79	87	78	83	76	72
	4	91	81	73	67	80	67	77	65	74	64	61
	5	84	72	64	57	71	57	68	56	66	55	52
	6	77	64	56	49	63	49	61	48	59	48	45
	7	71	58	49	43	57	43	55	42	53	42	39
	8	66	53	44	38	52	38	50	37	49	37	35
	9	61	48	40	34	47	34	46	33	45	33	31
	10	57	44	36	30	43	30	42	30	41	30	28
10	54	41	33	27	40	27	39	27	38	27	25	

Luminance data			
Angle	0°	45°	90°
45°	593453	595368	597284
55°	559780	560978	562176
65°	454436	456317	458197
75°	276616	277567	278518
85°	70897	71218	71540

Zonal lumen			
Zone		Lumens	
0-10	1004.9	90-100	7.24
10-20	2904.55	100-110	13.01
20-30	4452.81	110-120	19.58
30-40	5444.23	120-130	24.85
40-50	5719.77	130-140	27.47
50-60	5007.93	140-150	26.58
60-70	3340.44	150-160	22.19
70-80	1340.53	160-170	14.91
80-90	165.07	170-180	5.34



ACCESSORIES

Ordered separately, field installed

POLE MOUNT ADAPTER

AE-IL-PT-POLEMOUNT

3/4" NPT pole mount adapter (M10 screw) – black finish

REFLECTOR

AE-IL-PT-RFL-ALU-60

AE-IL-PT-RFL-ALU-90

AE-IL-PT-RFL-PC-70

60° aluminum reflector

90° aluminum reflector

70° polycarbonate reflector

SUSPENSION WIRE

GI-16XC24-CC-TG-120

Aircraft suspension cable for weights up to 10Kg (22lbs)



PYTHON

INDUSTRIAL FIXTURES

Round high bay



MULTIPLE FINISHES
Black and white finishes
standard or inquire about
a custom finish

PREMIUM MATERIALS
Constructed from cold-forged
aluminum provides excellent
thermal management while
ensuring structural rigidity.



**MOUNTING
METHOD**

Multiple mounting
methods available
such as hook, U-
bracket, or even
3/4" NPT pole
mount



VALUE ENGINEERED PRODUCT
High efficacy fixture with DLC Premium
listing allows you to apply for local
rebates from your energy supplier



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