PROJECT NAME:

FIXTURE TYPE:

DSCP SERIES-HID

SPECIFICATIONS

HOUSING

(For up to 175W) – Ballast housing is spun from .080" aluminum. Internal ballast support bracket also functions as mounting reinforcement plate and has a minimum thickness of .125".

(For 250W & above) – Ballast housing is cast from low copper (A356, <0.2%) aluminum alloy, minimum .125" wall thickness. Optical housing is spun from .080" aluminum, hemmed at the edges. Lens frame is a one-piece .060" aluminum spinning surrounding a 3/16" tempered glass lens sealed with a continuous silicone gasket and attaches to the housing with the Accuhinge™ hinging mechanism. A captive stainless steel thumbscrew allows for tool less entry to the optical compartment which is sealed with a closed cell E.P.D.M. gasket.

MOUNTING

When pendant mounted, the fixture housing is connected to the mounting arm by the Trulevel swivel which is internally welded to the housing and allows for fixture leveling prior to locking the swivel. When side arm mounted, the housing is externally welded to the mounting arm and the weld is blended to produce a smooth, continuous joint.

REFLECTOR MODULE

Specular Alzak® optical segments rigidly mounted in an aluminum frame, which attaches to the housing as a one piece module. Reflector module is field rotatable in 90° increments. Reflector modules are factory prewired with a quick-disconnect plug. Sockets are porcelain 4KV pulse rated, medium base (E26) for 50W – 150W or bi-pin (G12) for 70W and 150W; pin oriented mogul base (E39) for 250W – 400W. Special for 210W and 315W CDM Elite lamp base is PGZ18. Lamp is vertically or horizontally mounted.

ELECTRICAL COMPONENTS

All electrical components are UL and cUL recognized mounted on a single plate and factory wired with quick-disconnect. Electrical module attaches to housing with toolless hinge and latch. Electronic MH ballasts have power factor of >.95, -20°F starting, 120-277V 50Hz/60Hz and have lamp End-of-life protection. Special for Philips MasterColor CDM Elite: Electronic MH ballast has a power factor of >.90 (210W & 315W), -4°F starting, 200 - 277V, 50Hz/60Hz and has lamp End-of-life protection. 315W electronic MH ballast has 0 - 10V dimming capability. Magnetic MH ballasts are high power factor (70W - 150W) or CWA (250W), -20°F starting, multi-tap 120-277V, 60Hz. All HPS ballasts are core and coil, high-reactance, high power factor (70W - 150W) or CWA (200W - 400W), -40°F starting.

FINISH

Electrostatically applied TGIC Polyester Powder Coat on substrate prepared with 20 PSI power wash at 140° F. Four step iron phosphate pretreatment for protection and paint adhesion. 400°F bake for maximum hardness and durability. Texture finish is standard.



PATENT PENDING











2016123

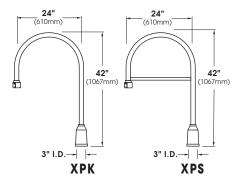


DSCP SERIES - HID

S P E C I F I C A T I O N S

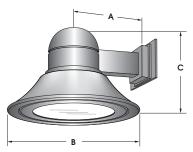
MOUNTING STYLES 24" (610rmm) 42" (1067mm)

XPD



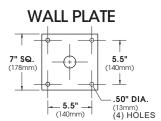
HEAVY WALL EXTRUDED ALUMINUM CONSTRUCTION. FOR ADDITIONAL ARM OPTIONS SEE ARM SECTION.

WALL MOUNT



FIXTURE	Α	В	С
DSCP25	18"	28"	21"
	457mm	711mm	533mm
DSCP1	14"	22"	15.25 "
	356mm	559mm	387mm

EXTRUDED ALUMINUM ARM AND CAST ALUMINUM WALL BRACKET ASSEMBLY.



E.P.A. & LAMP WATTAGE



DSCP25 E.P.A.= 1.10 LAMP SIZE: 100 - 400WATT



DSCP1 E.P.A.= 0.63 LAMP SIZE: 50 - 150WATT

Spec/Order Example: DSCP1/100HPS277/VR-III/3-120/RAL-8019

SPEC/ORDERING INFORMATION						
MODEL	WATTAGE TYPE VOLTAGE	OPTICS	MOUNTING	FINISH	OPTIONS	
MODEL	LAMP	OPTICS	MOUNTING	FINISH	OPTIONS	
	WATTAGE TYPE VOLTAGE STANDARD MAGNETIC BALLAST	HORIZONTAL SEGMENTED REFLECTORS	ARM MOUNT	STANDARD TEXTURED FINISH		
☐ DSCP25	☐ 400 ⁴ ☐ PSMH ☐ 120 ☐ 350 ⁴ ☐ HPS ☐ 208 ☐ 320 ⁴ ☐ 240	HR-II	□XPK □XPS □	☐ BLACK RAL-9005-T	CONVEX GLASS LENS DG CLEAR ACRYLIC CONVEX	
	□ 315 ⁵ □ 277 □ 250 □ 347 (CAN)	HR-III	FOR ADDITIONAL DECORATIVE ARM SELECTIONS, PLEASE REFER TO	☐ WHITE RAL-9003-T	LENS (175W MAX.) CA	
	□ 210 ⁵ □ 480 □ 200 ³ □ 175 ³	TYPE I V HR- IV	USALTG.COM ARM MOUNT	GREY RAL-7004-T	CLEAR POLYCARBONATE CONVEX LENS (175W MAX.)	
	☐ 175 ☐ 1501² ☐ 150	FORWARD THROW (HOUSE SIDE CUT-OFF)	□1	☐ DARK BRONZE RAL-8019-T	OPAL ACRYLIC CONVEX LENS (175W MAX.) WA	
	☐ 100	HR- FT-HSC	2-180	GREEN	OPAL POLYCARBONATE CONVEX LENS (175W MAX.) WP	
	☐ E ¹ (ELECTRONIC)	HR- V-SQ	3-120	RAL-6005-T	3/4" IPS STEM MOUNT AND SWIVEL CANOPY	
	STANDARD MAGNETIC BALLAST		☐ 4-90	FOR SMOOTH FINISH	(4'-0" MAX.) SM ☐ CHAIN MOUNTED	
☐ DSCP1	☐ 150T ² ☐ PSMH ☐ 120 ☐ 150 ☐ HPS ☐ 208	VERTICAL SEGMENTED REFLECTORS		REPLACE SUFFIX "T" WITH SUFFIX "S"	(4'-0" MAX.) CM	
	□ 100 □ 240	☐ ASYMMETRIC	WALLMOUNT	(EXAMPLE: RAL-9500-S)	HOUSE SIDE SHIELD HS	
	☐ 70T ² ☐ 277 ☐ 347 (CAN)	VR- ASY	□ WM	SEE USALTG.COM FOR ADDITIONAL COLORS	PHOTO CELL + VOLTAGE (EXAMPLE: PC120V) PC+V	
	□ 50 □ 480	SYMMETRIC VR- SYM			☐ SINGLE FUSE (120V, 277V) SF	
	■ E ¹ (ELECTRONIC) NOTES: 1 - 120-277V ONLY 2 - G12 BASE 3 - POSITION SENSITIVE LAMP 4 - TE BALLAST NOT AVAILABLE 5 - PGZ18 BASE				DOUBLE FUSE (208V, 240V, 480V) DF	
	CONSULT FACTORY FOR OTHER BALLAST CONFIGURATIONS AND LAMP OPTIONS					