

Hazardous Location LED Lighting Category / Product Listing

Category	Product	Catalog #	Class 1 Div. 1	Class 1 Div. 2	Class 2 Div. 1	Class 2 Div. 2	Class 3	Ambient Temp.	T-Rating	IP Rating	UL844	UL Listed	Marine UL 1598 A	ETL	CSA	NSF	AB5 (Marine)	IECEX / IEC	Atex	NOM	C22.2 No. 250.0	NEMA	
FLOOD explosion-proof	THE Dominator	# HJDS	✓	✓	✓	✓	✓	-40°C 60°C	T4	IP66	✓	✓	✓				✓	✓		✓		4X	
	THE Officer 1	# HNS1	✓	✓			✓	-40°C 60°C	T6	IP66	✓	✓	✓							✓			
	THE Officer 2	# HNS2		✓		✓	✓	-40°C 60°C	T4A	IP66	✓	✓	✓							✓			
	THE Patroller	# HJAS2		✓	✓	✓	✓	-40°C 60°C	T4	IP66	✓		✓	✓				✓	✓		✓		4X
	THE Warden 16	# HCS16		✓		✓	✓	-30°C 50°C	T5 T4	IP68	✓	✓	✓	✓	✓			✓	✓	✓			6/6P
	THE Warden 12	# HCS12		✓		✓	✓	-30°C 50°C	T6 T4	IP68	✓	✓	✓	✓	✓			✓	✓	✓			6/6P
	THE Warden 8	# HCS8		✓		✓	✓	-30°C 50°C	T4A	IP68	✓	✓	✓	✓	✓			✓	✓	✓			6/6P
	THE Warden Contact Connect System	# HCS8C		✓		✓	✓	-30°C 50°C	T4	IP68	✓	✓	✓	✓	✓			✓	✓	✓			6/6P
LINEAR explosion-proof	THE Flyer	# HJHL		✓	✓	✓	✓	-40°C 60°C	T4	IP66	✓		✓	✓				✓	✓		✓		4X
	THE Curator	# HKL		✓		✓	✓	-40°C 45°C	T6	IP66	✓	✓	✓				✓	✓	✓				
	THE Steward	# HJIL	✓	✓			✓	-40°C 60°C	T4	IP66	✓		✓	✓				✓	✓		✓		4X
	THE Protector	# HNL		✓			✓	-40°C 60°C	T3C	IP66	✓			✓					✓		✓		6/6P
	THE Mariner 1	# HQH1		✓			✓	-25°C 40°C	T4	IP66	✓			✓									
	THE Mariner 2	# HQH2		✓			✓	-25°C 40°C	T4	IP66	✓			✓									
	THE Mariner 4	# HQH3		✓			✓	-25°C 40°C	T4	IP66	✓			✓									
SPECIALTY explosion-proof	THE Director	# HEL10		✓			✓	-25°C 180°C	T4	IP66	✓			✓									
	THE Guide	# HJES		✓			✓	10°C 55°C	T3C	IP66	✓		✓	✓				✓	✓		✓		4X
	THE Curator L2	# HJES		✓			✓	-40°C 45°C	T4	IP66	✓	✓	✓	✓				✓	✓		✓		4X
	THE Finisher 2by	# HXP2		✓	✓	✓	✓	-50°C 65°C	T5	IP66	✓		✓	✓	✓						✓		
	THE Finisher 1by	# HXP1		✓	✓	✓	✓	-50°C 65°C	T5	IP66	✓		✓	✓	✓						✓		

KEY FEATURES

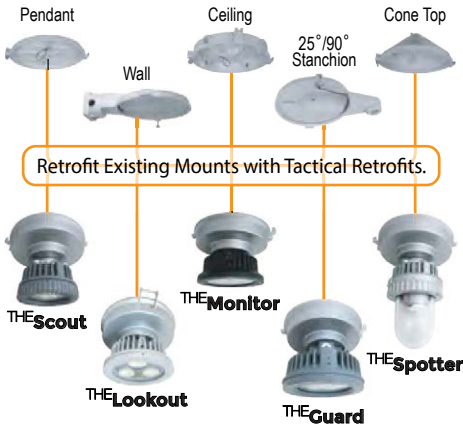
- AC Driver-less system.
- Ambient Temp -65°C to 100°C.
- Corrosion Resistant.
- Tempered glass lens
- Rated Life - 100,000+ hours.

KEY BENEFITS

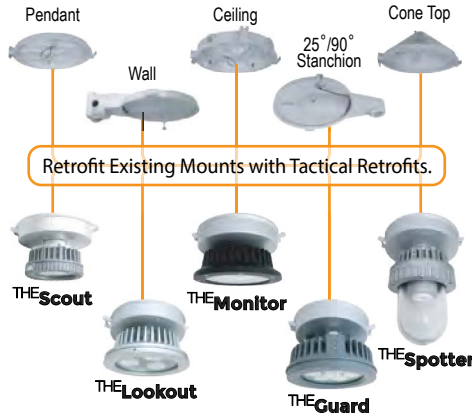
- One person installation in less than 5 minutes.
- Reduced maintenance costs (no re-lamping).
- Instant-on with cold start to -65C.
- Superior Energy savings.
- 5-Year Warranty.



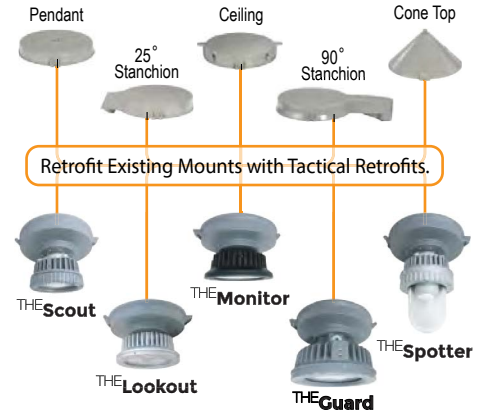
Appleton Mercmaster III



Eaton Crouse-Hinds Champ



Hubbell Certilite / Certilite V



T - RATING CHART

T-CODES		MAX Surface Temperature
NEC 505	NEC 500	
T1	T1	450°C / 842°F
T2	T2	300°C / 572°F
	T2A	280°C / 536°F
	T2B	260°C / 500°F
	T2C	230°C / 446°F
	T2D	215°C / 419°F
T3	T3	200°C / 392°F
	T3A	180°C / 356°F
	T3B	165°C / 329°F
	T3C	160°C / 320°F
T4	T4	135°C / 275°F
	T4A	120°C / 248°F
T5	T5	100°C / 212°F
T6	T6	85°C / 185°F

GAS & VAPOR Volatility Temperature Chart

Gas Type by Volatility	Typical Self Ignition
Carbon Disulphide	90°C / 194°F
Ethyl Nitrate	90°C / 194°F
Butane	287°C / 548°F
Acetylene	300°C / 572°F
Ethyl Acetate	425°C / 797°F
Acetone	465°C / 869°F
Benzene	498°C / 928°F
Hydrogen	500°C / 932°F
Industrial Methane	535°C / 995°F
Carbon Monoxide	605°C / 1,121°F
Ammonia	650°C / 1,202°F

COMBUSTIBLE DUST Volatility Temperature Chart

Dust Type by Volatility of Cloud Layer	Typical Self Ignition Temperature Cloud Layer	
Lignite	380°C / 716°F	225°C / 437°F
Lead	460°C / 860°F	240°C / 464°F
Cellulose	490°C / 914°F	430°C / 806°F
Flour	490°C / 914°F	430°C / 806°F
Cocoa	500°C / 932°F	200°C / 392°F
Polyacrylonitrile	540°C / 1,004°F	400°C / 752°F
Soya Meal	540°C / 1,004°F	340°C / 644°F
Zinc	570°C / 1,058°F	440°C / 824°F

