INDOOR OPTIONS - FACTORY INSTALLED

	HBS	HBO	HBE	EHO	EHE	LBD	LBN	LBH	EHL	LLB	HBA	LBF	LLF	HBF	LLA	LBA	HBD	ALM	VHP	VHG	RP3	RDS	RHC	RLP
CUL																								
EP	15,16	15,16	15,16					16			16			16			16				STD	STD	STD	STD
HR	2	2	2			2,17	2	2		2	2	2	2	2				2	2	2				
LP																								
MR	3	3	3			3		3			3			3										
PE																								
PSC				4	4				4	19	4													
PSM	5	5	5			5	28	5				28		5										
PSR	6	6	6			6	6	6			6	6		6		6	6							
Q		7	7	7	7	7	7	7	7	7	7	7	7	7	7,30	7,30	7,31	7	7	7	7	7	7	7
QEM		8	8	8	8	8	8	8	8	8	8	8	8	8	8, 30	8, 30	8,31	8	8	8	8	8	8	8
QTD		7	7	7	7	7	7	7	7	7	7	7	7	7	7,30	7,30	7,31	7	7	7	7	7	7	7
WDF	13	13	13	13	13	13	13	13	13	13	13				13,30	13,30	13	13	13	13	13	13	13	13
WSF	14	14	14	14	14	14	14	14	14	14	14				14,30	14,30	14	14	14	14	14	14	14	14
HL	21	21	21	21	21	21	21	21	21	21	21				21,30	21,30	21	21			21	21	21	21
55	STD	STD[25]	STD[25]	STD[25]	STD[25]	STD		STD	STD	26			26				STD[25]	STD						
65	29	25	25			28																		
OR																								
NFZ												STD	STD	STD										
WL	STD					STD	STD			STD		STD	STD	STD					STD	STD				
EB	CONSULT FACTORY FOR AVAILABILITY.																							
WHPX[32]															30	30								
WLPX[32]															30	30								

[1]Aluminum Reflectors only.
[2]Available 150 HPS and below.
[3]Available 150-400 HPS.
[4]Available 250-400 watt.
[5]Available 400 and below except for 320 and 350.
[6]Available 450 watt and below except for 175. 277 volt only.
[7]Pre-wired by factory.
[8]Requires 120 volt secondary power supply.
[9]Available 400 MH and 250 S max in 55°C.
[10]Available 250 max in 55°C.
[11]Available 150 HPS max in 40°C.
[12]Available 250 max in 25°C.
[13]Use with 208, 240, and 480 volt.
[14]Use with 120, 277, and 347 volt.
[15]Consult factory for availability of 1000 watt.
[16]Requires deep ballast housing.
[17]Also available in 250 and 400 HPS.
[18]Pendant only, 480 volt not available.
[19]20" Optical 250 watt max, 12" Optical 175 watt max.
[20]Consult factory for availability.
[21]Must specify voltage.
[23]Available 450 watt and below.
[24]Available 1000 watt and below.
[25]Aluminum and Glass Reflectors only.
[26]70 watt and below.
[27]400 watt MH MT only.
[28]250 watt and below.
[29]High Bay only.
[30]Not available with decorative cover.
[31]Must specify "Q" option on pendant stem and pendant assembly for acrylic, aluminum, or glass reflectors and on pendant stem and optical assembly for shrouded acrylic optical assembly.
[32]Substitute length of cord for "X". Must specify voltage.

Data subject to change without notice

For more information concerning the Indoor H.I.D. Accessories, consult section 18000, in your Day-Brite H.I.D. Binder or go to www.daybritelighting.com.

INDOOR H.I.D. OPTIONS

Option Explanations:

EP – Potted core and coil ballast for quiet operation.

HL – HI/LO bi-level dimming.

HR – Hot Restrike. This option is primarily used for HPS 150 watt and below. The “HR” generates high voltage pulses to restrike lamp after a brief power interruption has extinguished it.

MR – “Magnetic Regulator” for HPS units. This ballast offers a three winding design that provides regulation with line voltage variation of +/- 10% from nominal. With this option, you have better lamp wattage control than other circuit types.

OR – Open Rated Socket for open rated lamp. The “OR” option should be specified for open luminaires that use lamps with mogul EX39 bases.

PE – Button type photocontrol.

PSC – Pulse Start MH CWA Ballast. (Required if using HI/LO and Pulse Start lamp.)

PSM – Pulse Start MH “Magnectic Regulator” Ballast. The “PSM” option, like the “MR” option, should be used where large voltage dips will be present or in heavy industrial applications.

PSR – Pulse Start MH Reactor Ballast. For use on 277volt, +/-5% line tolerance systems only.

*Q – This is a Quartz Standby option designed for auxiliary light during the H.I.D. lamp cool-down period after a momentary power outage. It is not intended for use with an auxiliary power source nor will it operate when the H.I.D. lamp is on.

*QEM – This is a Quartz Emergency option designed for stand-by lighting during a power outage and is to be used in conjunction with an auxiliary power source (i.e., 120v generator) A 120 volt AC generator must be wired to the QEM relay during luminaire installation. In the event of a power failure, the emergency generator is activated (generator and controls to switch the generator on and off are supplied by others) and the relay detects the emergency 120 volt AC to the quartz lamp. When power is restored, the relay switches the circuit back to the H.I.D. lamp. The generator can then be switched off (controls supplied by others). Both lamps will not operate at the same time.

*QTD – This is a Quartz Time Delay option designed for auxiliary light during the H.I.D. lamp warm-up period as well as the cool-down period after a momentary power outage. It is not intended for use with an auxiliary power source. This option will operate on an H.I.D. circuit by sensing the current to the H.I.D. lamp. Once it detects this flow of current, a timer is activated. Upon initial power to the luminaire the quartz lamp will come on for approximately 2 minutes to provide auxiliary lighting during lamp warm-up. Also, during the cool-down period after a momentary power outage, the relay senses that there is no current flow and switches power to the quartz lamp. Upon restrike of the H.I.D. lamp, the controller switches the quartz lamp off after approximately 2 minutes. The quartz lamp is energized until the H.I.D. lamp reaches 60-70% full lumen output at either initial start-up or after a momentary power outage. There must be power to the luminaire for the QTD to operate.

WDF – Wired double fuse. Fuse holders are factory wired and used for 208, 240, or 480 volt. Fuses not included. Type KTK fuses required.

WSF – Wired single fuse. Fuse holder is factory wired and used for 120, 277, or 347 volt. Fuses not included. Type KTK fuses required.

55 – 55°C Ambient. This option should be specified when luminaire will be in a >40°C and <55°C ambient.

65 – 65°C Ambient. This option should be specified when luminaire will be in a >55°C and <65°C ambient.

NFZ - NSF Certification for non-food zone areas.

WL - Optional UL listing suitable for wet location.

*Note: The quartz options require a T-4 Double Contact Bayonet base Tungsten Halogen Lamp or T-6 1/2 Double Contact Bayonet Incandescent Lamp. The quartz relay is completely pre-wired at the factory. It is powered from the ballast of the luminaire by a 120 volt tap. No additional wiring is required during installation. As a general rule of thumb the quartz lamp wattage should be less than or equal to (in certain products), the H.I.D. lamp wattage. Follow instructions on lamp label or consult the factory.