

Light Fixture Matrix

Courtyard by Marriott

Gen 5 - New Build - CYnergy

Universal Mark	I.D. X-Ref	LED Option Mark	LVP	Product	Manufacturer	Model No.	Size	Fixture Description	Lens	Mount	Lamp Type	Qty.	Lamp Model No. & Mercury Content	Volts	Fixture Watts (Max)	Area	Location
C03			<input type="checkbox"/>	Controls	Philips Controls	Architectural Lighting Control System (Lytemode) to include: * Touch Screen Master Station * Mini Master Control Stations * IGBT Dimmer Module * Optio Dimmer Cabinet (In accordance with Design Guideline Drawings and Light Fixture Product Manual)		Contact Lightolier (Kathleen Kenny 813-760-3421) with dimming control load schedule and to obtain project specific specifications.					(Mercury picograms per lumen-hr=N/A)			Public	General Lighting - Controls (Refer to Design Guideline Systems Criteria Drawing)
D04	PG401		<input type="checkbox"/>	Surface	Challenger Lighting Company, Inc.	CA46410	19"D x 5-5/8"H	Material: Fabric & Poly Laminate acrylic; Round with a 2" angled recess to 11" inner disc. Shade material: laminated, richloom pattern, Signature: color: peppercorn. Non-dimmable		Ceiling	Fluorescent 3000K 18W Quad Tube, GU24 Base	3	TCP #33118Q30K (Mercury picograms per lumen-hr=TBD)	120	54	Public	Corridor
D28			<input type="checkbox"/>	Sconce	Insight Lighting	M-NDL 150/INT/volt/TW/WPVS/EB (WT-527-IBB-1-TW-WPVS)	11.75"D x 11.5"W x 5"H	Textured White / Perforated Cutoff Visor Non-dimmable	Tempered Prismatic Glass	Wall	Metal Halide 3000K T-6 G12	1	Philips CDM150/T6/830 #232728 (Mercury picograms per lumen-hr=119.05)	120	150	Public	Pool - Indoor
D28 OPT			<input type="checkbox"/>	Sconce	Philips Daybrite	HAA-158-150CMHT6-WM-MAH4-TW-120-NC-LP-VISOR/PERF NOTE: Fixture must be directed at 45 degree angle towards center of pool.	19"D x 17.75"W x 5.5"H Including Visor	Textured White / Perforated Cutoff Visor Non-dimmable	Clear Tempered Glass	Wall	Metal Halide 3000K T-6 G12	1	Philips CDM150/T6/830 #232728 (Mercury picograms per lumen-hr=119.05)	120/277	180	Public	Pool - Indoor
D93	PR400		<input type="checkbox"/>	Vanity	Challenger Lighting	VA4241-11	37" W x 4.13" D x 3" H	#556 CTY Bronze Painted Finish Non-dimmable	Frosted Opal acrylic on top and bottom	Wall	Fluorescent 3000K T5	2	GE #F21WT5/830/ECO 120 Grainger #5AE15 Bulb not included (Mercury picograms per lumen-hr=N/A)	120	42	Public	Restroom

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D107	X405 OPT		<input type="checkbox"/>	Wall Bracket Light - LED	Challenger Lighting Company, Inc.	HA3104-00BN	2"W x 10-"D x 2.25"H	Brushed Nickel Non-dimmable		Headboard	LED	1	1W High Output LED (Mercury picograms per lumen-hr=0)	120	3	Guestroom	Headboard
D113	X418		<input type="checkbox"/>	Ceiling Fixture	Unilight Limited	77001	15" Diam x 5-1/2" Drop	Steel and Acrylic - Plated Satin Nickel Non-dimmable	Acrylic	Ceiling	Compact Fluorescent 3000K 4-Pin Quad	3	Philips PL-C 13W/830/4P/ALTO #383265 (Mercury picograms per lumen-hr=150.54)	120	39	Guestroom	Board Room Guestroom over Board Table
D132-2			<input type="checkbox"/>	Track Lighting Set	Tech Lighting LLC, a Generation Brands Company	Power Feed: 4" Round #700TTP4C-06S Track: (1) 8' - 700TTA-96S Standoff: (2) 700TTS-06S Heads: For Qty and Type see Drawings	8 Ft Total Track	Tack Lighting System - Satin Nickel Finish Dimmable		Ceiling mounted with Standoff			(Mercury picograms per lumen-hr=N/A)	120		Public	S-Bar: Business Center, Local Library, Registration, The Market
D132-5			<input type="checkbox"/>	Track Lighting Set	Tech Lighting LLC, a Generation Brands Company	Power Feed: 4" Round #700TTP4C-06S Track: (1) 4' - 700TTA-48S Track: (1) 8' - 700TTA-96S Standoff: (2) 700TTS-06S Standoff w/Connector: (1) 700TTS-CC-06S Heads: For Qty and Type see Drawings	12 Ft Total Track	Tack Lighting System - Satin Nickel Finish Dimmable		Ceiling mounted with Standoff			(Mercury picograms per lumen-hr=N/A)	120		Public	Business Center Mural Wall (Model C), S-Bar
D132-6			<input type="checkbox"/>	Track Lighting Set	Tech Lighting LLC, a Generation Brands Company	Power Feed: 4" Round #700TTP4C-06S Track: (2) 8' - 700TTA-96S Standoff: (2) 700TTS-06S Standoff w/Connector: (1) 700TTS-CC-06S Heads: For Qty and Type see Drawings	16 Ft Total Track	Tack Lighting System - Satin Nickel Finish Dimmable		Ceiling mounted with Standoff			(Mercury picograms per lumen-hr=N/A)	120		Public	Business Center Mural Wall (Models A & B)
D132A			<input type="checkbox"/>	Track Head	Tech Lighting LLC, a Generation Brands Company	700TTMISCA0371-H	2.8"W x 6.5"H x 5.1"L	Track Architectural Head - Satin Nickel connector and head. Dimmable		Track	Halogen 3000K 1 50W PAR20	1	Philips 50PAR20/HAL/FL #229211 (Mercury picograms per lumen-hr=0)	120	50	Public	Business Center, Local Library, Registration, The Market, S-Bar

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D133A	LM 401ALT1		<input type="checkbox"/>	Pendant	Challenger Lighting Company, Inc.	CA-4825-00	22" DIA x 16.5"H Shade: 17" DIA x 9.5"H Canopy 5.25" DIA x 1" H	Pendant square 1/4" metal tube cage in irregular box shape with inner fabric shade on ss wires and black power cord. Max drop 78.5" to be installed at 5'9" above finished floor height #556 bronze finish on metal Dimmable	Shade off-white linen on hardback Diffuser on Bottom Only. 13.5" DIA White Acrylic	Ceiling	LED 2700K 11 WATT A19 SHAPE	1	GE #89983, GRAINGER #40D436 Bulb not included (Mercury picograms per lumen-hr=0)	120	23	Public	Chandelier over Media Pod
D133B	LM 401ALT2		<input type="checkbox"/>	Pendant	Challenger Lighting Company, Inc.	CA-4826-00	22" DIA x 18" Planks are 3/16" W x 1" D. Canopy dimensions: 5.25 DIA x 1" H	Open fixture with thin curved vertical wood planks attached to a bottom wood ring in a bell shape on black power cord. Max drop 78.5" Finish Muo European Oak stain on wood. Install AFF 5' 9" Dimmable		Ceiling	LED 2700K BR30 FLOOD 9.5 WATTS	1	PHILIPS #452367 GRAINGER #32MX96 Bulb not included (Mercury picograms per lumen-hr=0)	120	23	Public	Chandelier over Media Pod
D133C	LM 401ALT3		<input type="checkbox"/>	Pendant	Challenger Lighting Company, Inc.	CA-4827-00	24" DIA x 10" H Canopy: 5.25" x 2" H Shade: 14.25" DIA x 7"H	Circular fixture w/angled vertical wood planks overlapping in center attach to top and bottom wood ring with inner fabric shade on black power cord #1094 Montana Walnut stained finish on wood mount 5'-9" AFF Dimmable		Ceiling	LED 2700K 11 WATT A19 SHAPE	2	GE# 89983 GRAINGER #40D436 Bulb not included (Mercury picograms per lumen-hr=0)	120	46	Public	Chandelier over Media Pod

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D134A	LM 404ALT1		<input type="checkbox"/>	Pendant	Challenger Lighting Company, Inc.	CA-4828-00	84" L x 15" W x 10" H w/ Adjustable Cord Up To 84" Canopy: 48" L x 1" H x 6" W	Pendant with 4 Long Rectangle Shaped Arms with Integrated LED Strips protruding from center housing bracket in a narrow "X" Shape On SS Wire and Black Power Cord. #556 Bronze Painted Finish On Metal Dimmable	Opal Acrylic Rectangular Diffuser	Ceiling	LED 2700K Integrated	4 LT Bars - (Mercury picograms per Each lumen-hr=0) 10 Watts	120	40	Public	Chandelier over Communal table	
D134B	LM 404ALT2		<input type="checkbox"/>	Pendant	Challenger Lighting Company, Inc.	CA-4888-00	72" L X 7" D X 11" H Adj Max Drop Canopy: 17.63" W X 1" H X 5.63" W	Pendant w/fabric shade on SS wires/black pwr cord. Suspended by pwr cord & SS wires attached to a clg mtd canopy. Canopy finish #556 bronze paint on metal. Rectangular drum shade custom DesignTex fabric, Kabuto 4120-803, 100% Trevira cs on hardback Dimmable	71" W X 6.5" D Frosted Opal White Acrylic Diffuser On Bottom Only, 2-Piece Perforated Metal At Top	Ceiling	LED 2700K 11 WATT A19 SHAPE	6 GE# 89983 GRAINGER #40D436 Bulb not included (Mercury picograms per lumen-hr=0)	120	138	Public	Chandelier over Communal table	
D134C	LM 404ALT3		<input type="checkbox"/>	Pendant	Challenger Lighting Company, Inc.	CA-4888-01	72" L x 7" D x 11" H Adjustable Max Drop Canopy: 17.63" L x 1" H x 5.63" W 72" L x 7" D x 11" H, 84" Adjustable Max Drop Canopy: 17.63" L x 1" H X 5.63" W	Wood veneer laminated to acrylic shade w/ horiz. Rectangle cutouts in the veneer on SS wires & black power cord, Canopy #556 CTY Bronze painted finish on metal. Shade: Rectangular drum wood veneer laminated to white acrylic, Color #1094 Montana Walnut Dimmable		Ceiling	LED 2700K 11 WATT A19 SHAPE	6 GE# 89983 GRAINGER #40D436 Bulb not included (Mercury picograms per lumen-hr=0)	120	138	Public	Chandelier over Communal table	

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D162A	ED-400		<input type="checkbox"/>	Strip	Challenger Lighting Company, Inc.	VA4141-02	3" H x 30" L x 4.25" D	Decorative vanity light with metal brushed nickel body Non-dimmable		Wall	Fluorescent 3000K F14T5	2	Per IDI (Mercury picograms per lumen-hr=TBD)	120	28	Back of House	Employee Restroom
D194	PG401		<input type="checkbox"/>	Surface	Challenger Lighting Company, Inc.	CA46410	19"D x 5-5/8"H	Material: Fabric & Poly Laminate acrylic; Round with a 2" angled recess to 11" inner disc. Shade material: laminated, richloom pattern, Signature: color: peppercorn. Non-dimmable	acrylic	Ceiling	Fluorescent 3000K 18W Quad Tube, GU24 Base	3	#33118Q30K (Mercury picograms per lumen-hr=TBD)	120	54	Public	Corridor
D195	PG402 OPT		<input type="checkbox"/>	Sconce	Challenger Lighting Company, Inc.	SA4661-00	10" W x 4" D x 12" H	Brushed nickel finish on metal. Bulb not included. Half round shade.	Perforated diffuser on bottom	Wall	Fluorescent 26 Watt GU24 Base	1	TCP #33126Q30K (Mercury picograms per lumen-hr=TBD)	120	26	Public	Guestroom Corridor (Optional), Meeting Rm, Board Rm
D197	X414 OPT		<input type="checkbox"/>	Backlit Mirror	Electric Mirror LLC	PRO-04-CUSTOM-46.00X46.00	46"W x 46"H x 3.28"D	Non-dimmable	Frosted Glass Diffuser	Wall	Fluorescent 3000K T5HO	2	FP39/830/HO/ECO (Mercury picograms per lumen-hr=TBD)	120/277	78	Guestroom	Vanity
D198	X417		<input type="checkbox"/>	Backlit Mirror	Electric Mirror LLC	PRO-04-CUSTOM-60.00X46.00	60"W x 46"H x 3.28"D	Non-dimmable	Frosted Glass Diffuser	Wall	Fluorescent 3000K T5HO	2	FP35/830/HO/ECO (Mercury picograms per lumen-hr=TBD)	120/277	70	Guestroom	Vanity
D201	X402		<input type="checkbox"/>	Sconce	Challenger Lighting Company, Inc.	SA-4630-00	10"W x 12"H x 4"D		Fabric Hardboard Shade	Wall	Fluorescent 2700K 26W Quad Tube, GU24 Base	1	#331126Q (Mercury picograms per lumen-hr=TBD)	120	26	Guestroom	

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D202	X403		<input type="checkbox"/>		Philips Forecast	Ledino Spotlight 31605/31/48 in aluminum and white	1.6" H x 13" L x 6.7" w	Ceiling LED light with 40 deg beam angle adjustable Dimmable		Ceiling	LED 2700K (2) 3 LED Lamps	2	LED - 7.5W Each (Mercury picograms per lumen-hr=0)	120	15	Guestroom	Entry Ceiling
F05		L29	<input type="checkbox"/>	Box	Philips Daybrite	2LP3GA3CF40R-33AL-UNV-1/3-EB-2WC	24" x 24"	White (Accommodates Standard & Tegular Grid Ceiling) Non-dimmable	parabolic	Recessed	Fluorescent 3000K 40W PL-L	3	Philips PL-L 40W/830/4P/RS/IS #300426 (Mercury picograms per lumen-hr=23.57)	120	99	Public / Back of House	Guest Laundry Workroom
F06		L30	<input type="checkbox"/>	Box	Philips Daybrite	2LP3GA332-36AL-UNV-1/3-EB-2WC	24" x 48"	white Non-dimmable	parabolic	Recessed	Fluorescent 3000K F032T8	3	Philips F32T8/TL830/ALTO #281519 (Mercury picograms per lumen-hr=25.30)	120	81	Back of House	Office / Linen Storage
F07		L31	<input type="checkbox"/>	Strip	Philips Daybrite	SJ232-UNV-1/2-EB	5.75"W x 4'L	Wrap Around Lensed Fluorescent Non-dimmable	acrylic	surface	Fluorescent 3000K F032T8	2	Philips F32T8/TL830/ALTO #281519 (Mercury picograms per lumen-hr=25.30)	120	55	Back of House	Elev Equip / Meeting Rm Closet / Eng Maint Office / Mech / Chemical Supply Rm / Employ Break Rm / Janitor / Storage / Pool Stor
F07		L31	<input type="checkbox"/>	Strip	Philips Daybrite	SJ232-UNV-1/2-EB	5.75"W x 4'L	Wrap Around Lensed Fluorescent Non-dimmable	acrylic	surface	Fluorescent 3000K F032T8	2	Philips F32T8/TL830/ALTO #281519 (Mercury picograms per lumen-hr=25.30)	120	55	Back of House	Kitchen Walk-In Freezer / Electrical / Stor Maint / Linen Rm / Linen Term Rm
F09		L33	<input type="checkbox"/>	Lensed Box	Philips Daybrite	2DPG432-FS01-UNV-1/4-EB	2'W x 4'L	White Non-dimmable	acrylic	Recessed	Fluorescent 3000K F032T8	4	Philips F32T8/TL830/ALTO #281519 (Mercury picograms per lumen-hr=25.30)	120	105	Back of House	Office / Work Area / Prep Kitchen / Laundry

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F24a			<input type="checkbox"/>	Strip Light	Philips Daybrite	SN 4S 132 HPF UNVHI	48"	Indirect Non-dimmable		ceiling	Fluorescent 3000K F032 / 830XP / ECO T8 Octron	1	Philips F32T8/TL830/ALTO #246678 (Mercury picograms per lumen-hr=25.30)	120	34	Back of House	Attic Catwalks (Provide Switch at access points)
F24b			<input type="checkbox"/>	Strip Light	Philips Daybrite	SN 3S 125 HPF UNVHI	36"	Indirect Non-dimmable		Above cabinet, staggered	Fluorescent 3000K F025 / 830XP / ECO T8 Octron	1	Philips F25T8/TL830/PLUS/ALTO #145565 (Mercury picograms per lumen-hr=27.64)	120	22	Public	Lobby, Focal Wall Millwork Lighting / S-Bar Back Bar Lighting
F29			<input type="checkbox"/>	Under Cabinet	Philips Daybrite	UCS126-17E-1BK-B	26"L x 1.75"W x 7.25"H	Black. Lamps supplied with fixture. Non-dimmable	Acrylic	Undercabinet	Fluorescent 3000K F17T8	1	Philips F17T8/TL830/PLUS/ALTO #145524 (Mercury picograms per lumen-hr=43.59)	120	15	Public	Lobby
F33A	L37A		<input type="checkbox"/>	Under Cabinet Light	Philips Daybrite	8UC117-W-UNV-RS	24"	Undercabinet Fluorescent Non-dimmable	Acrylic	Under cabinet	Fluorescent 3500K F17T8/730/ALTO	1	(Mercury picograms per lumen-hr=43.6)	120 / 277	21	Back of House	Employee Work Room
F33B	L37B		<input type="checkbox"/>	Under Cabinet Light	Philips Daybrite	8UC125-W-UNV-RS	36"	Undercabinet Fluorescent Non-dimmable	Acrylic	Under cabinet	Fluorescent 3500K F25T8/730/ALTO	1	(Mercury picograms per lumen-hr=27.6)	120 / 277	28	Back of House	Employee Work Room
F33C	L37C		<input type="checkbox"/>	Under Cabinet Light	Philips Daybrite	8UC132-W-UNV-RS	48"	Undercabinet Fluorescent Non-dimmable	Acrylic	Under cabinet	Fluorescent 3500K F32T8/730/ALTO	1	(Mercury picograms per lumen-hr=25.3)	120 / 277	34	Back of House	Employee Work Room

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L01 OPT		N/A	<input type="checkbox"/>	LED Strip	Philips Color Kinetics	(14) eW Cove Powercore 12", 120V, 27K Wide Beam 523-000004-60 (1) 10 Ft Leader Cable 108-000032-00 (4) 4FT eW Cove Mounting Track 523-000006-01	(14 PCS) 12" L x 1.4"H x 1" W Total Length 168 Inches.	Low Profile Undercabinet Fixture 12" lengths mounted end to end with leader cable on mounting track. Non-dimmable	Clear Polycarbonate	Under Counter Surface Mount on mounting track	LED 2700K Integrated LED		LED (Mercury picograms per lumen-hr=0)	120	42	Public	Gen 4.5 ONLY at S-Bar under Cabinet at Back Bar
L10		N/A	<input type="checkbox"/>	LED Box	Philips Daybrite	2DLG49L835-4-D-UNV-OCC-SDIM	2'-0" x 4'-0"	Recessed LED with switched dimming ballast and integrated occupancy sensor 3500K. Dim from 100% to 40% when unoccupied. Dimmable	DR Acrylic	Ceiling (Suitable for Grid and Slot Ceiling types)	LED 3500K Integrated LED		LED (Mercury picograms per lumen-hr=0)	120/277	55	Public	Exercise Room
L22		N/A	<input type="checkbox"/>	Down	Philips Lightolier	1004ICLED-1013CDL30K	5" Diameter	5" Downlight with Clear Annodized Reflector Dimmable		recessed	LED 3000K Integrated LED	1	LED (Mercury picograms per lumen-hr=0)	120	13	Public	LED Option: Board Room / Public Restrooms / Employee Restroom / Back Vestibule
L25		N/A	<input type="checkbox"/>	LED Strip	Philips Color Kinetics	eW Profile Power Core 9.25" - 523-000027-72; Jumper Cable, 6" - 108-000035-00; Remote wiring compartment - 120-000065-00	0.88" x 9.25" x 1.7"	Ultra-low-profile LED under-cabinet fixture for task and accent lighting Non-dimmable	Polycarbonate	Undercabinet	LED 3000K 5.5w LED Array	1	LED (Mercury picograms per lumen-hr=0)	120	6	Public	
L27			<input type="checkbox"/>	LED Down	Philips Lightolier	LLABR24BK130H3RFVA, LLABR24BKW (Replaces R035A)	23.78" x 7.5" W aperture	Recessed adjustable LED linear downlight with black aperture and white ceiling flange. (Not on Dimmer) Dimmable		Recessed	LED 3000K Integrated LED	3	LED (Mercury picograms per lumen-hr=0)	120	81	Public	Lobby - Reception

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L28		N/A	<input type="checkbox"/>	LED Recessed	Philips Lightolier	303MRE-313WHXMW7LED-41469-8	3.25" H x 11.325" L x 4.5" W	3.5" Gimbal Ring Downlight Low Profile white ring with LED Lamp. Remodeler housing. Narrow above ceiling area. No substitutions allowed. Dimmable		Recessed	LED 3000K MR16LED (lamp included)	1	Philips MR16/END/F24/3000 #41469-8 (Mercury picograms per lumen-hr=0)	120	15	Guestroom	Portal over Bed
L29		N/A	<input type="checkbox"/>	Box	Philips Daybrite	2CLG36L835-2-D-UNV	24" x 24"	White (Accommodates Standard & Tegular Grid Ceiling) Non-dimmable	parabolic	Recessed	LED 3500K		LED (Mercury picograms per lumen-hr=0)	120/277	42.3	Public / Back of House	LED Option: Guest Laundry / Workroom
L30		N/A	<input type="checkbox"/>	Box	Philips Daybrite	2CLG54L835-4-D-UNV	24" x 48"	white Non-dimmable	Lensed	Recessed	LED 3500K		LED (Mercury picograms per lumen-hr=0)	120/277	56.3	Back of House	LED Option: Office / Linen Stor / Linen Chute
L31		N/A	<input type="checkbox"/>	Strip	Philips Daybrite	DWAE43L835-4-UNV	7"W x 5 3/16"H x 50"L	Wrap Around Lensed LED Non-dimmable	acrylic	surface	LED 3500K		LED (Mercury picograms per lumen-hr=0)	120/277	40	Back of House	LED Option: Elev Equip / Meeting Rm Closet / Eng Maint Office / Mech / Chemical Supply Rm / Employ Break Rm / Janitor / Storage
L31		N/A	<input type="checkbox"/>	Strip	Philips Daybrite	DWAE43L835-4-UNV	7"W x 5 3/16"H x 50"L	Wrap Around Lensed LED Non-dimmable	acrylic	surface	LED 3500K		LED (Mercury picograms per lumen-hr=0)	120/277	40	Back of House	LED Option: Kitchen Walk-In Freezer / Electrical / Stor Maint / Mtg Rm / Linen Storage / Linen Chute Termination Rm
L33		N/A	<input type="checkbox"/>	Lensed Box	Philips Daybrite	2CLG74L835-4-D-UNV	2'W x 4'L	White Non-dimmable	acrylic	Recessed	LED 3500K		LED (Mercury picograms per lumen-hr=0)	120/277	84.3	Back of House	LED Option: Office / Work Area / Laundry / Food Prep

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L34		N/A	<input type="checkbox"/>	Down - LED	Philips Lightolier	C3L085N1Z10V-C3L085A0130K8WFL-C3LACLPL	13"L x 10"W x 7.125"H x 3.5" DIA	Adjustable head Dimmable		Recessed	LED		LED (Mercury picograms per lumen-hr=0)	120	19.5	Public	LED Option: Lobby - Reception
L36		N/A	<input type="checkbox"/>	Down	Philips Lightolier	C3L085N1Z10V-C3L085DL0130K8-C3LDLWCLPL	13"L x 10"W x 7.125"H x 3.5" DIA	Non-adjustable head Dimmable	etched glass	Recessed	LED		LED (Mercury picograms per lumen-hr=0)	120	19.5	Public	LED Option: Lobby - Reception
L42			<input type="checkbox"/>	Down	Philips Lightolier	C4L10NUVBZ10V-C4L10DL30KCCLWVB	4" Aperture	4" LED Downlight Dimmable	soft focus cover lens	Recessed	LED 3000K 20W LED	1	LED (Mercury picograms per lumen-hr=0)	120	19.8	Public	Lobby - C-Bar
L47			<input type="checkbox"/>	Recessed Downlight - LED	Philips Lightolier	1050LRN06D1 - 1050LRN06Z7 - 1050RNDLWB	5" diameter	Shallow Frame In Kit IC Rated, Wet Location, Solite Lens, White Baffle, White Flange Dimmable	Solite Lens	Recessed	LED 2700K 600 Lumen Integrated LED	1	LED (Mercury picograms per lumen-hr=0)	120	16	Guestroom / Public / Back of House	Shower - Tub / Whirlpool / Bathroom (When Continuous Venting) / Mtg Rm / Board Rm / LVP Employee Shower
L53		N/A	<input type="checkbox"/>	Down - LED	Philips Lightolier	C4L10NUVBZ10V-C4L10DL30KCCLWVB	4.5" aperture	LED Downlight, Comfort Clear/White Flange	Phosphor	Recessed	LED 3000K 1000 Lumen Integrated LED	1	LED (Mercury picograms per lumen-hr=0)	120	19.8	Exterior	LED Option: Canopy / Rear Trellis
L54		N/A	<input type="checkbox"/>	Down	Philips Lightolier	C6L15N1-C6L1520DL30KWCCCLW	6.75" aperture	LED Downlight, Comfort Clear/White Flange Dimmable	Phosphor	recessed	LED 3000K 1500 Lumen Integrated LED	1	LED (Mercury picograms per lumen-hr=0)	120	26	Public	LED Option: Meeting Room(s) / Elevator Lobby / Lobby / Vestibule
L56		N/A	<input type="checkbox"/>	Down - LED	Philips Lightolier	C2L04DLFT30K17R1-C2LDLLSCCDFTF-CA2FMR	1.75" Diameter	LED Downlight, Comfort Clear Diffuse/Flangeless Trim/60 Degree Spread Non-dimmable	Phosphor	Recessed	LED 3000K	1	LED (Mercury picograms per lumen-hr=0)	120	11	Public	LVP Guestroom Door Pocket @ Corridor

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Gen 5 - New Build - CYnergy

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L57		N/A	<input type="checkbox"/>	Down	Philips Lightolier	1101LED09N27D1-1146	6.75" diameter	Specular Clear Alzak Dimmable		Recessed	LED 2700K 900 Lumen Integrated LED	1	LED (Mercury picograms per lumen-hr=0)	120	20.6	Public	LED Option: Service Corridor / Stair / Corridor
L60		N/A	<input type="checkbox"/>	Down	Philips Lightolier	C4LO5NUVBZ10B-C4LO5DL30KCCLWVB	4.5" diameter	Specular Clear White Flange Dimmable	white	Recessed	LED 3000K 500 Lumen Integrated LED	1	LED (Mercury picograms per lumen-hr=0)	120/277	8.3	Public	LED Option: Guestroom Door Pocket @ Corridor
L504		N/A	<input type="checkbox"/>	Site	Philips Gardco	ECF-1-4-215LA-641A-NW-UNV-NP	24.2" x 13" x 1.3"	Low profile LED luminaire, Aluminum Finish Non-dimmable	Type IV	On Pole L505	LED 4000K Integrated LED	1	LED (Mercury picograms per lumen-hr=0)	120	211	Site	Parking
L505		N/A	<input type="checkbox"/>	Pole	Philips Wide-Lite	SSS-25-5-11-D1-NP	5" Square x 25' Pole	Pole, Aluminum Finish		Conc. Pad			(Mercury picograms per lumen-hr=N/A)	N/A	N/A	Site	Parking
L506		N/A	<input type="checkbox"/>	Bollard	Philips Hadco	RF6IKF10NA	6" x 37 7/8"H	Aluminum Bollard, Grey flat top with cone reflector and integrated LED Non-dimmable		Conc. Pad	LED 4000K Integrated LED	1	LED (Mercury picograms per lumen-hr=0)	120/277	25	Site	Path light / Drop-off
L600		N/A	<input type="checkbox"/>	Linear Cove - Exterior	Philips Color Kinetics	350-000002-04	2 1/2" W x 4.0"H x 39.4"L	Linear LED Cove Non-dimmable		Surface Cove	LED 3000K Integrated LED		LED (Mercury picograms per lumen-hr=0)	120	41	Exterior	Porte Cochere
L601		N/A	<input type="checkbox"/>	Linear Cove - Exterior	Philips Color Kinetics	350-000002-16	2 1/2" W x 4.0"H x 13.1"L	Linear LED Cove Non-dimmable		Surface Cove	LED 3000K Integrated LED		LED (Mercury picograms per lumen-hr=0)	120	15	Exterior	Porte Cochere

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O01			<input type="checkbox"/>	Jelly Jar	Philips Quality Exceline	RLW26HFLCGC-1	8.6"W x 10.38"H	White powder coated aluminum with cage. Heat and shock resistant optical chamber. Lamp included with fixture. Non-dimmable	glass	Wall	Compact Fluorescent 3000K PL-T 26/4PIN	1	Philips PL-T 26W/830/4P/ALTO #268235 (Mercury picograms per lumen-hr=110.29)	120	28	Back of House	Elevator Pit
O03			<input type="checkbox"/>	Pool Light	Provided by Pool Manufacturer			underwater pool light	glass	Wall	Incandescent		(Mercury picograms per lumen-hr=TBD)	120		Public	Pool (underwater)
R01		L22	<input type="checkbox"/>	Down	Philips Lightolier	1001F13U / 1001CL	5" diameter	Specular Clear Alzak Non-dimmable		Recessed	Compact Fluorescent 3000K 13w quad 4 pin	1	Philips PL-C 13W/830/4P/ALTO #383265 (Mercury picograms per lumen-hr=150.54)	120 / 277	16	Public	Public Restrooms / Employee Restrooms / Pool-Exercise Rm Vestibule
R02		L57	<input type="checkbox"/>	Down	Philips Lightolier	1101F2642UMW26/1101CL	6.75" diameter	Specular Clear Alzak Non-dimmable		Recessed	Compact Fluorescent 3000K 26w triple tube	1	Philips PL-T 26W/830/4P/ALTO #268235 (Mercury picograms per lumen-hr=110.29)	120 / 277	29	Public	Service Corridor / Stair / Corridor / Lobby
R08			<input type="checkbox"/>	Down	Philips Lightolier	1102 P1 / 1113	6.75" diameter	Specular Clear Alzak Dimmable		Recessed	Halogen 3000K 1 90 PAR 38 Flood	1	Philips 90PAR38/HAL/FL #202341 (Mercury picograms per lumen-hr=0)	120	90	Exterior	Soffit at Roof Line - Front and Back
R09		L53	<input type="checkbox"/>	Down	Philips Lightolier	1002 P1 / 1013	5" diameter	Specular Clear Alzak Dimmable		Recessed	Halogen 3000K 1 75 PAR 30 flood	1	Philips 75PAR38/HAL/FL #144865 (Mercury picograms per lumen-hr=0)	120	75	Exterior / Public	Canopy Vestibule / Rear Trellis

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R21		L60	<input type="checkbox"/>	Down	Philips Lightolier	4118-VU-8011CCLW	4.5" diameter	Clear Reflector / White Flange Non-dimmable		Recessed	Compact Fluorescent 3000K 18w Quad CFL 4-Pin	1	Philips PL-T 18W/830/4P/ALTO #268029 (Mercury picograms per lumen-hr=165.44)	120	22	Public	Guestroom Door Pocket @ Corridor
R22		L54	<input type="checkbox"/>	Down	Philips Lightolier	8021 CCLW - S6132BJUM7	6" aperture	Specular clear alzack Dimmable		Recessed	Compact Fluorescent 3000K 32w TTTT / 830	1	Philips PL-T 32W/830/4P/ALTO #268326 (Mercury picograms per lumen-hr=82.72)	120 / 277	36	Public	Meeting Room(s)
R22D			<input type="checkbox"/>	Dimmer	Philips Controls	MP1500FAM120v Dimmer		Dimmer Slide Switch in location shown to control set of R22 or L54 fixtures.					(Mercury picograms per lumen-hr=N/A)	120 / 277		Public	Meeting Room(s)
R31		L54	<input type="checkbox"/>	Down	Philips Lightolier	8021CCD-S6132BU	6" aperture	Comfort clear diffuser w/universal electronic ballast. (Not on dimmer) Non-dimmable		Recessed	Compact Fluorescent 3000K 32w TTTT / 830	1	Philips PL-T 32W/830/4P/ALTO #268326 (Mercury picograms per lumen-hr=82.72)	120	36	Public	Elevator Lobby / Mtg Rm Entrance
R32		L54	<input type="checkbox"/>	Down	Philips Lightolier	8021CCLW-S6132BJUM7	6" aperture	Comfort clear diffuser w/universal electronic ballast. (On dimmer) Dimmable		Recessed	Compact Fluorescent 3000K 32w TTTT / 830	1	Philips PL-T 32W/830/4P/ALTO #268326 (Mercury picograms per lumen-hr=82.72)	120	36	Public	Lobby / Vestibule
R39		L34	<input type="checkbox"/>	Down - LED	Philips Lightolier	C4MRGA-C4LVMU	14 3/8"L x 12"W x 5"H x 4.5" DIA	Adjustable head Dimmable	etched glass	Recessed	Halogen 3000K 1 50W MR16	1	Philips 50MR16/FL36 EXN #378059 (Mercury picograms per lumen-hr=0)	120	65	Public	Lobby - Reception & Print Area

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R40		L36	<input type="checkbox"/>	Down	Philips Lightolier	C4MRGD-C4LVMU	14 3/8"L x 12"W x 5"H x 4.5" DIA	Non-adjustable head Dimmable	etched glass	Recessed	Halogen 3000K 150W MR16	1	Philips 50MR16/FL36 EXN #378059 (Mercury picograms per lumen-hr=0)	120	65	Public	Lobby - Reception
R42			<input type="checkbox"/>	Down	Philips Lightolier	C4L10NUVBZ10V-C4L10DL30KCCLWVB	4"	4" LED Downlight Dimmable	soft focus cover lens	Recessed	LED 3000K	1	LED (Mercury picograms per lumen-hr=0)	120	20	Public	Lobby - C-Bar
R45			<input type="checkbox"/>	Down - Adjustable	Philips Lightolier	C4P20MHACCDW / C4A39P20E1	4"	4" adjustable Accent Light Non-dimmable		Recessed	Metal Halide 3000 39W P20	1	(Mercury picograms per lumen-hr=TBD)	120	39	Public	Lobby - C-Bar
R56			<input type="checkbox"/>	Down	Philips Lightolier	C2L04DLFT30K17R1-C2LDLLSCCDFT-CA2FMR	1.75" Diameter	LED Downlight, Comfort Clear Diffuse/Flangeless Trim / 60 Degree Spread Non-dimmable	Phosphor	Recessed	LED 3000K	1	LED (Mercury picograms per lumen-hr=0)	120	11	Public	LVP Guestroom Door Pocket @ Corridor
T06			<input type="checkbox"/>	Exhaust Fan/Light	Panasonic	FV-08VRE1	Can size is 12 3/4" L x 8 1/4" W x 7 1/2" D, Trim Ring is 6 1/2" round	Recessed Can fan with light w/white baffle Non-dimmable	Acrylic	ceiling	LED 3000K 1 - 14 watt replaceable GU24 base	1	LPHT14D (Mercury picograms per lumen-hr=0)	120	20.5	Guestroom	Bath
X01			<input type="checkbox"/>	Exit	Philips Chloride	ER55L3W (R or G) (with Battery) or 55L3W (R or G) - W (with out Battery)	N/A	Universal arrows / Single or 2-Sided (R=Red Letter Color / G=Green Letter Color) Non-dimmable		Universal	LED LED comes w/ fixture		LED (Mercury picograms per lumen-hr=0)	120	2	Public	Exit
X03			<input type="checkbox"/>	Emergency	Philips Chloride	6M25WJ2	N/A	emergency battery - white For use with X01 Non-dimmable		Wall	Low Voltage 9 watt	2	6V, 9 watt (Mercury picograms per lumen-hr=0)	120	18	Public	Exit

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NOTE 4: The "LED Option Mark" Column provides a Mark number for an optional LED fixture. The spec for this fixture is found within this Matrix. This column has been added to provide options for those that want to obtain increased energy savings in their hotels over the long term and have lower maintenance through the life of the fixture, but are not involved in the LEED Volume Program.

NOTE 5: Light Fixtures to be utilized in the LVP projects are indicated by a checked box under the "LVP" column. Those fixtures that differ from the prototypical light fixtures or locations are also noted as "LVP" under the "Location" column.

Light Fixture Matrix

Courtyard by Marriott Gen 5 - New Build - CYnergy

Universal Mark	I.D. X-Ref	LED Option Mark	LVP	Product	Manufacturer	Model No.	Size	Fixture Description	Lens	Mount	Lamp Type	Qty.	Lamp Model No. & Mercury Content	Volts	Fixture Watts (Max)	Area	Location
Z01		N/A	<input type="checkbox"/>	Flood	Philips Hadco	1020 H LED18 NF W	7" x 6"	Uplight - Bronze Narrow Flood Dimmable		Stake	LED 3000K 18 PAR 38 LED (lamp included)	1	Philips 18PAR38/END #202341 (Mercury picograms per lumen-hr=0)	120	90	Site	Uplight / flood
Z30			<input type="checkbox"/>	Emergency	Lithonia Lighting - Accuity Brands, Inc.	AFN BN EXT	6.5"W x 9.5"H	Brushed Nickel Non-dimmable		Wall	Xenon 21w	1	Emergency Lamp (Mercury picograms per lumen-hr=TBD)	120 / 277	21	Exterior	Side Entrances
Z44		L600	<input type="checkbox"/>	Linear Cove - Exterior	Philips Lightolier	SS4S154UNVPG	3 1/8"W x 2 3/8"H w/lamps x 46"L (end to end), drop 3" for staggers in row	Concealed Staggered Strip Non-dimmable		Surface Cove	Fluorescent 3000K F54T5/830/HO		Philips F54T5/830/HO/ALTO #290262 (Mercury picograms per lumen-hr=11.79)	120 / 277	62	Exterior	Porte Cochere Ceiling
Z45		L601	<input type="checkbox"/>	Linear Cove - Exterior	Philips Lightolier	SS3S139UNVPG	3 1/8"W x 2 3/8"H w/lamps x 38.25"L (end to end), drop 3" for staggers in row	Concealed Staggered Strip Non-dimmable		Surface Cove	Fluorescent 3000K F39T5/830/HO		Philips F39T5/830/HO/ALTO #290221 (Mercury picograms per lumen-hr=21)	120 / 277	43	Exterior	Porte Cochere

NOTE 1: Items with an ID X-Ref # are items purchased through Marriott's Procurement Division as FF&E items (Furniture, Fixture, Equipment) if this service is selected by Owner. Confirm with Owner whether to include these "decorative" but hardwired lighting fixtures in the scope of the General Contractor, or whether to remove if they are provided by Marriott Procurement Services.

NOTE 2: For All LEED Volume Program (LVP) Projects the scheduled light fixtures as well as all scheduled lamps shall be used in order to comply with LVP calculations. (Lamps for items with ID X-Ref# must have a Mercury Content (Mercury picograms per lumen hr) equal to or less than amount shown.)

NOTE 3: Mark Numbers followed by an "ALT" = Alternative supplier of fixture. Mark Numbers followed by an "OPT" = Optional Choice of fixture.

NOTE 4: The "LED Option Mark" Column provides a Mark number for an optional LED fixture. The spec for this fixture is found within this Matrix. This column has been added to provide options for those that want to obtain increased energy savings in their hotels over the long term and have lower maintenance through the life of the fixture, but are not involved in the LEED Volume Program.

NOTE 5: Light Fixtures to be utilized in the LVP projects are indicated by a checked box under the "LVP" column. Those fixtures that differ from the prototypical light fixtures or locations are also noted as "LVP" under the "Location" column.