

Chapter 7: Supplier Contact Information



Supplier	Product	Primary Contact Information	
Pattison Sign	Primary Sign	Norm Fry 555 Ellesmere Road Toronto, ON. M1R 4E8 Tel.: 416.701.4596	nfry@pattisonsign.com www.pattisonsign.com
Sobotec	White Frames	Melissa Almeida 67 Burford Rd. Hamilton, ON L8E 3C6 (905) 578-1278 Ext. 305	malmeida@sobotec.com www.sobotec.com
Plan B	Furniture	David Muller 380 King Street East Toronto, On. M5A 1K9	Tel.: 416.941.10.10 Toll free: 1.866.657.5262 davidm@planboffice.com www.planboffice.com
Savoia Canada / Division 9	Showroom Tiles, Wood-look ceramic tiles.	Anthony Ondretti 145 King Street East, Toronto, On. M5C 1G6	Mobile: 416.417.3166 Toll free: 1.800.668.1537 AOndretti@savoia.com www.savoia.com
Olympia Stone + Tile	Showroom Tile, Wood-look Tile, and Concrete-look Tile	Gadi Sonderling 1000 Lawrence Ave West, Toronto ON M6A-1C6 www.olympiatile.com	Tel : 416 785-2509 Fax: 416 789-5745 gadi@olympiatile.com
Centura Tile	Showroom Tiles	Kris George Tel.: 416.525.8628 kgeorge@centura.ca www.centura.ca	+1.514.858.6556 toll free +1.877.999.8990
Centural Tile (Montreal)	Showroom Tiles	Mima Soares Architectural Sales Manager Tel.: 514.336.4311 msoares@centura.info	
Argelith Ceramic Tiles	Shop and Drive Through Flooring	Christian Nierenkoether 40W310 LaFox Road., Suite F2 St Charles, IL, 60175	Tel.: 630.444.0665 Mobile: 630.746.9668 christian@argelithusa.com www.argelithusa.com
Stone Tile	Wood-look Tile	Sandra Ng Tel: 416.515.9000 ext. 231 sandra@stone-tile.com www.stone-tile.com	
Roca Tile USA	Showroom Tile, Wood-look and Concrete-look tiles	Cristina Dordas cristina.dordas@rocatileusa.com	Tel: 312-513-8158

* Please copy Weis & Associates on all communications for best possible assistance and guidance



Supplier	Product	Primary Contact Information	
Tandus Centiva	Second Floor Carpets	Kurt Gibbons Account Executive 2820 Argentia Rd, Mississauga, On. L5N 8G4	Mobile: 416.254.3324 kurt.gibbons@tarkett.com
Safeguard Marketing Solutions	Interior Graphics, Secondary Signage, Welcome Wall	Mike Gommerman Toll free: 1.866.313.0039 Mobile: 905.467.4528	mike@brandwithsms.com www.brandwithsms.com
Snap On Equipment Solutions	Workshop Equipment	Jamie Boudreau 6500 Millcreek Dr, Mississauga, ON L5N 2W6	Tel.: 416-254-3169 jamie.boudreau@snapon.com
Mercury Lighting	General Lighting	Sabine M. Blasl Lighting Specialist	Office: 905-738-6161 Cell: (647) 226-8824 Sabine.susman@gmail.com
Optecha Lighting	Showroom RGB lights / General Lighting	Rudy Ponce 57 Mill Street North, Suite 204 Brampton, On. L6X 1S9	Tel.: 647.922.LITE(5483) Mobile: 416.356.7839 rponce@optecha.com www.optecha.com
Media Graph - TLS	Showroom RGB Lights	David Sellam dudi@tls-led.com dudi@media-graph.com +1.514.858.6556	Amanda Werbin amansaw@tls-led.com +1.514.858.6556 toll free +1.877.999.8990
Sistemalux - Iguzzini	Showroom RGB Lights	Andrew Kedziesdki andrew@sistemalux.com T +1 (416) 408 3995 # 124 M 416-837-0092	Sistemalux Toronto Office 179 John St, Suite #101 M5T 1X4
Richporter Lighting	General Lighting	Paulina Munoz email: paulina.munoz@richporterlighting.com T. +1.514.395.3795 ext. 222 SF. +1.877.885.6945 3550 43e Avenue Montréal, Québec - H1A 3A7 Canada	Francois Lahaie email: francois@richporterlighting.com
NRG	Showroom RGB Lights	Hugo Lajeunesse hlajeunesse@nrgqc.com T: +1 (450) 623 1666 ext.108 M: 514 999 8122	www.nrgqc.com 293, Boul. Industriel St-Eustache, Québec J7R 6B7 Toll-free: 1-877-694-4562

* Please copy Weis & Associates on all communications for best possible assistance and guidance



Chapter 8: Material Specifications



8.1 Supplier Lead Times

Supplier	Item	Action	Initiate Contact	Order Lead Time
Pattison Sign Group	Primary Sign	Coordinate: - Volkswagen clips for Entry Frame - Brand Pylon - Exterior directional signs - Dealer name element (project specific) - Sign permitting - Sign installation	DCD Stage	15 weeks (May vary depending on municipal approvals)
Sobotec	White Frames	Coordinate: - Preliminary quotation on frames - Critical measurements - Field measurements prior to order - Estimated installation - Frame installation - Sign installation (VW clip only)	DCD Stage	15 weeks
Plan B	Customer Area Furniture, Counters & Displays	Coordinate furniture order - Preliminary quote - Confirm order based on final construction plans - Estimate installation	DCD Stage	10-12 weeks
Savoia Canada, Olympia Tile, Centura	Showroom Tile	Coordinate tile order: Confirm preliminary material required and estimate installation.	DCD Stage	6-8 weeks
Stone Tile, Olympia Tile or Savoia Canada	Wood-look Tile Floor and Concrete-look tiles	Coordinate Tile Flooring: - Confirm preliminary material required - Order from Stone Tile or Olympia Tile+Stone	DCD Stage	6-8 weeks
Dealer Architect	Construction Drawings	Coordinate with Weis & Associates and suppliers to ensure appropriate corporate design directions and Volkswagen expectations.	30%, 60%, 90% Dwg. review	3 weeks per revision
G.C./ Project Manager	Coordinate finishes	Coordinate with Weis & Associates and suppliers to ensure appropriate implementation of finishes.	During construction	Ongoing
Safeguard Marketing Solutions	Interior Graphics (banners, wall art)	Coordinate with Weis & Associates and supplier to ensure appropriate implementation.	End of construction	2 weeks
Safeguard Marketing Solutions or local supplier	Interior Secondary Signs (room, directional, etc.)	Coordinate with Weis & Associates and supplier to ensure appropriate implementation.	End of construction	locally

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Interior Finishes



Customer-Facing Area Floor Finishes

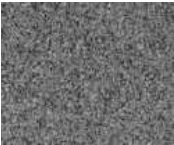
PT-1

Showroom / Customer Area / NVD			
Image	Supplier	Product	Specification
	Olympia	Casalgrande - Granitogres Boston	24"x24"
	Savoia	Casalgrande - Granitogres Boston	24"x24"
	Savoia	Fiandre - VW Light Grey - R10	24"x24"
	Centura	Munich Gray	24"x24"

PT-1 a

Service Drive / Customer Washroom			
Image	Supplier	Product	Specification
	Olympia	Casalgrande Granito Arizona Secura	12"x12"
	Olympia	Casalgrande Granito Arizona Secura	8"x8"
	Olympia	Arkansas	12"x12"
	Savoia	Casalgrande Granito Arizona Secura	12"x12"
	Savoia	Casalgrande Boston R11	12"x12"
	Argelith	Light Grey R11 (Service Drive Only)	12"x12"

PT-2

Service Drive Alternate			
Image	Supplier	Product	Specification
	Olympia	Casalgrande VW New York - R10	12"x12"
	Savoia	Casalgrande VW New York - R10	12"x12"

PT-3

Workshop Drive Ailes and Workbays			
Image	Supplier	Product	Specification
	Olympia	Casalgrande Granito Arizona Secura	12"x12"
	Olympia	Casalgrande Granito Arizona Secura	8"x8"
	Olympia	Arkansas	12"x12"
	Savoia	Casalgrande Granito Arizona Secura	12"x12"
	Savoia	Casalgrande Boston R11	12"x12"
	Argelith	Light Grey R11 (Service Drive Only)	12"x12"

*Alternate manufacturer must provide product of equal type and quality.



PT-4**Workshop Drive Ailes and Workbays (Used for demarcation only)**

Image	Supplier	Product	Specification
	Olympia	VW Anthracite 08 - R11 Secura	8"x8"
	Savoia	VW Anthracite 08 - R11 Secura	8"x8"

Showroom Platforms / Offices / Write-up (Laid in staggered bond pattern parallel to front façade)

Image	Supplier	Product	Specification
	Olympia	Havana Cherry; Porcelain Tile	200x1200 mm
	Savoia	Havana Cherry; Porcelain Tile	200x1200 mm
	Roca Tile USA	Roca Tile - Cherry Natural 8x48"	8x48"

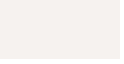
CLT1**Showroom Highlight Platform**

Image	Supplier	Product	Specification
	Olympia	Casalgrande Padana Harlem	24"x24" or 24"x48"
	Savoia	Casalgrande Padana Harlem	24"x24"
	Savoia	Fiandre - VW SHARP CORE SL R9 -	24"x24"
	Roca Tile USA	Basel Negro	24"x24"

*Alternate manufacturer must provide product of equal type and quality.



CT-1 / CT-2

Washroom Wall Tiles			
Image	Supplier	Product	Specification
	Savoia	Light: Purity Ice	8" x 16" (203 x 457 mm)
	Savoia	Dark: Purity Breeze	8" x 16" (203 x 457 mm)
	Dal Tile	Light: Color Story Wall - American Olean Line. Designer White, Matte finish 0061 (1)	4" x 12"
	Dal Tile	Dark: Color Story Wall - American Olean Line. Storm Grey, Matte finish 0040 (2)	4" x 12"
	Olympia	Light: CDC Matte Arctic White	4" x 16"
	Olympia	Dark: CDC Matte Sterling Grey	4" x 16"

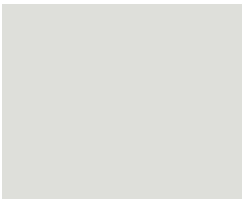
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Interior Finishes		Material Specification	
Product Photo	Key/Location	Product	Supplier
	PTB Baseboard at Tiles (PTx)	Porcelain Tile base Colour to match floor colour; 100mm high. Alternate: Quartz Baseboard - White by Dal Tile; 100mm high.	All VW Approved Tile Suppliers
	WDB Baseboard at Wood-look Tiles	MDF baseboard Square profile, 4" (102mm) height. Ultra Spec SCUFF-X paint recommended in high traffic areas. Paint colour "Chantily Lace" OC-65	Dealer source Local Supplier
	FT2 Transitions Strip Between PT and WD1a	Floor Transition strip Colour: Aluminum	Schlueter System Local Supplier
	FT3 Stairs	Stair Nosing Colour: Grey	Schlueter System Local Supplier
	CP-1 Service Workshop	Tinted Sealed Concrete Floor, hardened, colour to match RAL 9006. Alternate: Diamond Epoxy Coating. Local supplier. Alternate #2: Stonhard Stonshield HRI medium texture colour - driftwood, and carcoal epoxy coating.	Sika Colourplete with Sikafloor 3S, Stonhard or Local Supplier
	CA Non-customer Facing Areas	Upstairs Carpet in roll sheets or modular carpet tile. Style 1: Tenera/ Trona Style 2: Metri/ Quartz	Tandus Centiva or Local Supplier
	C1 Customer and Sales Area Ceiling	Acoustic Ceiling tiles Fineline 1/8" DXFF grid with Mars Clima plus tile 600 x 1200 mm or Silhouette 1/8 reveal grid with Ultima 9/16" beveled regular 600 x 1200 mm tile. Colour: white.	Armstrong Tiles or CGC

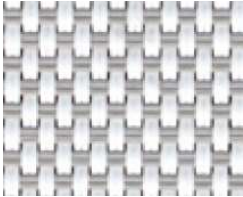
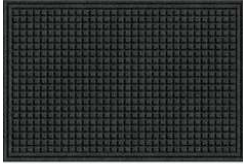
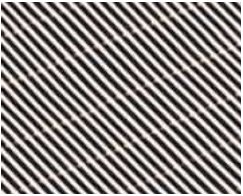
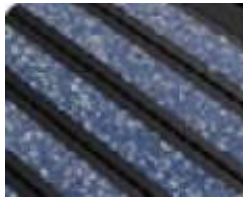
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Interior Finishes		Material Specification	
Product Photo	Key/Location	Product	Supplier
	C2	Drywall Ceiling paint - Level 5 finish Colour RAL 7021; Dark grey, matt. or NCS S 8500-N	General Contractor
	Showroom Ceiling		
	C3	Drywall Ceiling painted white. Colour: Chantilly Lace OC-65	Benjamin Moore, or local supplier
	Drywall Ceiling		
	P1	Wall Paint Ultra Spec SCUFF-X paint recommended for high traffic areas. Colour: Chantilly Lace OC-65	Benjamin Moore or Local Supplier
	All Customer Facing Walls		
	P2	Wall Paint Above 6' level of shop wall. Colour: Paper White 1590	Benjamin Moore or Local Supplier
	Service Workshop Walls		
	P3	Wall Paint Below 6' level of shop wall. Colour: Marina Grey 1599	Benjamin Moore or Local Supplier
	Service Workshop Walls		
	P4	Benjamin Moore: Toronto Blue (2060-40) Sherwin Williams: Volkswagen Blue Behr: Yucatan (P490-5)	Benjamin Moore, Sherwin Williams, Berh or RAL 240 60 40 Safeguard
	Welcome Wall Blue		
	ID-1	White finish	Local Supplier
	Light Switch and Power Outlet Plates		

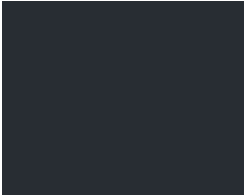
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Interior Finishes		Material Specification	
Product Photo	Key/Location	Product	Supplier
	ID-2	Lever style; brushed aluminum finish	Local Supplier
	Door Handles		
	WS1	Thermoveil 1300 Series Colour: Silver Birch 1319	Mechoshade
	Window Shade		
	FM1	Winter Floor Mats Rubber-backed. Continuous lengths with minimal seams. Colour: Dark Grey	Local Supplier
	Entry Mats		
	FM2	Floor Mat / Pedimat Architectural, stainless steel grid, with high tech appearance. Rolling load tested to 500lbs	Construction Specialties, Inc., Gridline G6 or equal supplied locally
	Vestibule & Entrances		
	FM3	Floor Mat / Pedimat Durable all aluminum rails for use outside. Anodized aluminum rails with exterior grade carpet in 9325 Graphite colour	Construction Specialties, Inc., Pedimat AA-M2 or equal supplied locally
	Vestibule & Entrances		
	FM4	Floor Mat / Pedimat Architectural entrance grid with, carpet inserts for additional debris removal. Metal satin finished type 304 stainless steel and exterior grade carpet in 9325 Graphite colour	Construction Specialties, Inc., Treadline T1 or equal supplied locally
	Vestibule & Entrances		
	LAM-1	Furniture Laminate Pfleiderer Decor: R42006 - HAVANNA CHERRY - matt Note: Laminates can only be used for millwork elements approved by Weis or non-customer facing furniture.	Pfleiderer - DUROPAL
	Furniture		

*Alternate manufacturer must provide product of equal type and quality.



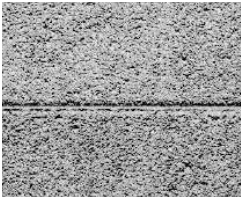
Interior Finishes		Material Specification	
Product Photo	Key/Location	Product	Supplier
	LAM-2 Furniture	Furniture Laminate Pfleiderer Decor: U11027 - ICY WHITE Note: Laminates can only be used for millwork elements approved by Weis or non-customer facing furniture.	Pfleiderer - DUROPAL
	LAM-3 Furniture	Furniture Laminate Pfleiderer Decor: U12215 - ANTHRACITE Note: Laminates can only be used for millwork elements approved by Weis or non-customer facing furniture.	Pfleiderer - DUROPAL

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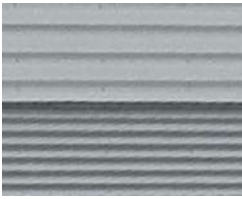
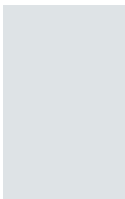
Exterior Finishes



Exterior Finishes		Material Specification	
Product Photo	Key/Location	Product	Supplier
	ST1 Building Perimeter / Landscaping	Decorative pebbles Washed river rocks in 2"- 4" diameter (50-100 mm)	Local supplier
	PV1 Front of Main Entrance	Unit Paver Series 3000; (150 x 300 x 70 mm) Colour: Mineral Ice Grey	Unilock
	PV2 Front of Main Entrance	Unit Paver Series 3000; (150 x 300 x 70 mm) Colour: Black Onyx *Used for demarcation only	Unilock
	CW1 Curtain Wall Mullions	Curtain wall frame Anodized aluminum finish (50 x varied mm) Entry Doors to be Kawneer's 190 Narrow Stile Entrance	Kawneer 1600 SSG or equivalent
	GL1 Front, Side Glazing	Clear, low iron, glare reduction, Low-E glass in showroom Frame: anodized aluminum finish (Size varies). Note: Double high performance glazing with low-E coating in the 3rd surface and argon fill is highly recommend for energy efficiency.	PPG Industries, AGNORA Glass or equivalent
	GL2 Front, Side Glazing Spandrel Panel	Spandrel Glass Clear, low iron, exterior lite, cavity and 2nd laminated light with .060", Arctic Snow (68%) PVB interlayer.	PPG Industries AGNORA Glass or equivalent
	OH1 Service Frame Doors	Aluminum Glazed OH door Clear anodized aluminum finish with full-glazed sections except bottom row (size varies) - Hormann 800-series OH door - Rytec Rigid Rolling Door - Spiral FV	Assa Abloy Doors Hormann Rytec Doors

*Alternate manufacturer must provide product of equal type and quality.



Exterior Finishes		Material Specification	
Product Photo	Key/Location	Product	Supplier
	OH2 Shop Entrance/ Exits	Insulated metal OH door Solid sections painted, third row full-glazed in aluminum frame (size varies)	Assa Abloy Doors Hormann Rytec
	MC1 Side and Back Elevations	Metal cladding CL7040/CL840: Symmetrical 37" wide wall sheet with equally spaced 1 1/2" deep ribs 7/8" Corrugated: 2.66" from crest to crest Colour: RAL 9006 or closest match	Vicwest or equivalent
	CB1 Exterior Above Doors and Openings	Concrete masonry unit (alternative) Smooth face ashlar; (100 x 400 x varied mm) Colour: Ivory	Richvale York Block Inc. or equivalent
	CB2 Side Elevations	Concrete masonry unit (alternative) Smooth, face standard unit; (200 x 400 x varied mm) Colour: Arctic White ACM option ALUCOBOND - Cadet Grey - Gloss 15-25 (or similar)	Richvale York Block Inc. ALUCOBOND or equivalent
	ACM1 White Frames	Aluminum Composite Material; Colour: White, finish 70% gloss	Alucobond Sobotec (exclusive supplier)
	MP Rooftop, Mechanical Units	Showroom Roof Top Screening Colour to match exterior cladding RAL 9006	Vicwest or equivalent
	EP1 / EP2 Exterior Door Paint	Exterior Door Paint EP1 - Colour - "Iced Cube Silver" 2121-50 EP2 - Colour - "Chantilly Lace" OC-65 Note: Colour of doors must match the adjacent walls	Benjamin Moore

*Alternate manufacturer must provide product of equal type and quality.



Lighting





New Lighting Elements

Lighting is very important to the overall White Frame scope, considering the new fixtures introduced with the NBD bring RGB colours that completely change the way the building interior is seen. See below example of typical Reflected Ceiling Plans, showing the basic lighting components (showroom pot lights, sales lighting, etc) and the new Light frame and panels over the highlight areas.



Base lighting

	Downlight Beam angle reflector 15°		4000 K (LED)
	Downlight Beam angle reflector 40°		4000 K (LED)
	Downlight Beam angle reflector 60°		4000 K (LED)
	Wall washer, swing-out 40° (at unlit Welcome Wall)		4000 K (LED)
	Light channel, suspended		4000 K (LED)
	Power track mounted spotlights		4000 K (LED)

NBD Light elements

	Lightframe RGB LED		18-21 watt/m
	Lightframe White		18-21 watt/m
	Light panel RGB LED		18-21 watt/m
	Light panel Warm white		18-21 watt/m

Overall Lighting Requirements

All areas of the dealership have specific requirements for lighting levels, colour temperature and CRI, which must be followed as per directions below. Consultants must also provide photometric calculations for review, to ensure required lighting is achieved. Engineering of lighting systems are performed by approved lighting suppliers in coordination with the Dealer's electrician.

Showroom

Fixture Style: Downlight with 40 and 60 degree distribution.
Light Level: 850 lux average, 500 lux min.; 2:1 min/max uniformity ratio
Colour Temperature: 4000K
CRI: min. 80

Customer Areas

Fixture Style: Down light with 55 degrees distribution
Light Level: min. 330 – 430 lux
Colour Temperature: 4000K
Note: Match the Showroom colour temperature.

Offices

Fixture Style: Suspended linear fixture in combination with down lights and/or wall wash.
Light Level: min. 330 – 430 lux
Colour Temperature: 4000K
Note: Match the Showroom colour temperature. Aim for high-retail look.

New Vehicle Delivery

Fixture Style: RGB light frame with recessed multiples or track lighting
Light Level: min 700 lux
Colour Temperature: 4000K

Light Frames

Light Output: 2000 - 2200 lumen per linear metre
Colour Temperature: 4000K or RGB
(4" profile recommended)



Service Drive

Fixture Style: Suspended linear lighting fixture
Light Level: Average 750 lux
Colour Temperature: Range of 4000K
Note: Match the showroom colour temperature.

Welcome Wall

Fixture Style: Angled wall-wash.
Light Level: 650 - 850 lux on wall
Colour Temperature: Range of 4000K
Note: Match showroom colour temperature.
Item to be ordered through Safeguard VW Portal.



Showroom Lighting

LT-1a

Showroom - Recessed Adjustable Multiple LED Downlight. Dual head fixture. Black housing and trims; 4000K colour temp. CRI 90+.

Supplier	Image	Specification
Optecha Lighting		Product: Paris Downlights Euro Collection. EUR04 - PAR4 - Paris 4". Beam angle and lumen output to be based on mounting height and light level requirements. Color black. CRI: 90 CCT (Color Temperature): 4000K Lumens/Watts: 1700lm/20W - 4 Inch or 2000lm/25W - 4 Inch. Beam angle and lumen output to be based on mounting height and light level requirements. Color black. Product Code: PAR4-2-SQ-BL-BL-X-40K-90-20-V-UNV-NCS2 Beam Angle Reflector 15°
Mercury / Sistimalux - Iguzzini		Product: BRIDGELUX VERO18 LED module, (LM-80 tested). Model: 8228 - Double CRI: 90 CCT (Color Temperature): 4000K Lumens: 3281lm per lamp. High output, 28.5W. Beam angle and lumen output to be based on mounting height and light level requirements. Color black. Product Code: 8228-SPS016912-20 Beam Angle Reflector 15°
Richporter Lighting		Product: Clairage On Light. CARDA 7"x7" Led Downlight Fixture. Dual-head Version CRI: 90 min. value CCT (Color Temperature): 4000K Lumens: 3281lm per lamp. Beam angle and lumen output to be based on mounting height and light level requirements. Color black. Product Code: ON LIGHT 7"x7" (Required dual-head version) Beam Angle Reflector 15°

*Alternate manufacturer must provide product of equal type and quality.



LT-1b

Showroom - Recessed Adjustable Multiple LED Downlight. Dual head fixture. Black housing and trims; 4000K colour temp. CRI 90+.

Supplier	Image	Specification
Opstech Lighting		Product: Paris Downlights Euro Collection. EUR04 - PAR4 - Paris 4". Beam angle and lumen output to be based on mounting height and light level requirements CRI: 90 CCT (Color Temperature): 4000K Lumens/Watts: 1700lm/20W - 4 Inch or 2000lm/25W - 4 Inch. Beam angle and lumen output to be based on mounting height and light level requirements. Color black. Product Code: PAR4-2-SQ-BL-BL-X-40K-90-20-V-UNV-NCS2 Beam Angle Reflector 40°
Mercury / Sistmalux - Iguzzini		Product: BRIDGELUX VERO18 LED module, (LM-80 tested). 4000K: 90CRI Model: 8228 - Double. Finish black CRI: 80 CCT (Color Temperature): 4000K Lumens: 3234lm per lamp. Beam angle and lumen output to be based on mounting height and light level requirements. Color black. Product Code: 8228-SPS016912-40 Beam Angle Reflector Each optical assembly is adjustable 45° on all axes.
Richporter Lighting		Product: Clairage On Light. CARDA 7"x7" Led Downlight Fixture. Color Ral 9005 black CRI: 90 min. value CCT (Color Temperature): 4000K Lumens: 5100 LM (34W). Beam angle and lumen output to be based on mounting height and light level requirements. Color black. Product Code: ON LIGHT 7"x7" (Required dual-head version) Beam Angle Reflector SP 36°

*Alternate manufacturer must provide product of equal type and quality.



LT-1c

Showroom - Recessed Adjustable Multiple LED Downlight. Dual head fixture. Black housing and trims; 4000K colour temp. CRI 90+.

Supplier	Image	Specification
Description: Paris Downlights Euro Collection. EUR04 - PAR4 - Paris 4".		
Optecha Lighting		CRI: 90 CCT (Color Temperature): 4000K Lumens/Watts: 1700lm/20W - 4 Inch or 2000lm/25W - 4 Inch. Beam angle and lumen output to be based on mounting height and light level requirements. Color black. Product Code: PAR4-2-SQ-BL-BL-X-40K-90-20-V-UNV-NCS2 Beam Angle Reflector 60°
Mercury / Sistimalux - Iguzzini		Description: BRIDGELUX VERO18 LED module, (LM-80 tested). Custom to 4000K, 90CRI. Model: 8228-HO-490-60-UNV-02-SPS017554 CRI: 80 CCT (Color Temperature): 4000K Lumens: 3234lm per lamp. Beam angle and lumen output to be based on mounting height and light level requirements. Color black. Product Code: 8228-HO-490-60-UNV-02-SPS017554 Beam Angle Reflector Wide Flood optic 60°. Each optical assembly is adjustable 45° on all axes.
Richporter Lighting		Description: Clairage On Light. CARDA 7"x7" Led Downlight Fixture. 2S Double Square. Color RAL 9005 Black CRI: 90 CCT (Color Temperature): 4000K Lumens: 5100 LM (34W). Beam angle and lumen output to be based on mounting height and light level requirements. Color black. Product Code: ON LIGHT 7"x7" (Required dual-head version) Beam Angle Reflector 60°

*Alternate manufacturer must provide product of equal type and quality.



LT-1d

Showroom Track Lights / NVD Room - LED Track Head. Black housing; 360° horizontal coverage and 90° vertical; 4000K colour temp.

Supplier	Image	Specification
Optecha Lighting		Description: TRAC-LITES™ 21W LED CYLINDER R610L SERIES. LED Track Head Black Housing 360 deg horizontal coverage and 90 deg vertical. CRI: 90 CCT (Color Temperature): 4000K Lumens/Watts: Lumen output is to be based on mounting height and light level requirement. Product Code: R610L-40K-90CRI-OFF-X-X
Mercury / Sisternalux - Iguzzini		Description: Studio Projector LED. BRIDGELUX VERO LED MODULE. Color matte black CRI: 80 CCT (Color Temperature): 4000K Lumens: Lumen output to be based on mounting height and light level requirements. Product Code: 1770S1-BO-*940-50-120-52 *Code and lighting information may vary depending on the configuration
Richporter Lighting		Description: Clairage On Light. Bit BMT 3" LED TRACK LIGHT. Color RAL 9005 Black CRI: 90 CCT (Color Temperature): 4000K Lumens: 2000 LM (14W) 196LM/W. Lumen output to be based on mounting height and light level requirements. Product Code: ON LIGHT Bit 40-40-90

*Alternate manufacturer must provide product of equal type and quality.

LT-2a

Suspended RGB Light Frame Dark grey RAL 7021 housing, matte. RGB LED variable, 4000K. 4" profile with fabric diffusers. Controllers to be coordinated with Supplier; minimum requirement is a simple wall mounted RGB colour slider.

Supplier	Image	Specification
Optecha Lighting		Description: Suspended Light Frame. Dark grey RAL 7021 housing, RGB LED. Custom size and mounting CRI: 90 CCT (Color Temperature): RGB Lumens/Watts: Lumen output to be based on mounting height and light level requirements Product Code: HPL-RGB-DMX-120-(SIZE)
Mercury / Sistimalux - Iguzzini		Description: Sistimalux Canale Pendant. 8605 - Down. RGB LED Strip. CRI: 90 CCT (Color Temperature): RGB Lumens: 4000K. Lumen output to be based on mounting height and light level requirements. Product Code: 8605-SPS017043
Richporter Lighting		Description: Media Graph TLS. Lumi Cloud Bespoke Aurora. Black CRI: >90 CCT (Color Temperature): RGB Lumens: Efficiency: 64.8 lm/w- (power consumption depends on fixture configuration). Lumen output to be based on mounting height and light level requirements. Product Code: TLS AURORA(RGBW) LUMICLOUD - TLS-LC-BE-AU- RC-WxL-65K-CL-SP-FS-CF-LF-DMXT-P-IN. *Code and lighting information may vary depending on the configuration

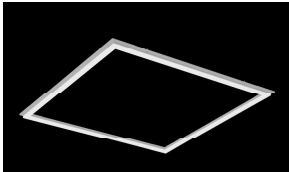
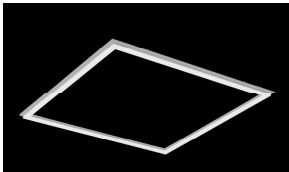
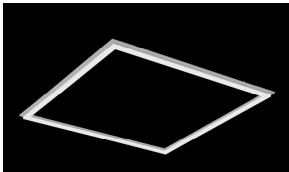
*Alternate manufacturer must provide product of equal type and quality.

LT-2b

Suspended RGB Light Frame Dark grey RAL 7021 housing, matt. RGB LED variable. 4" profile with fabric diffusers. Controllers to be coordinated with Supplier; minimum requirement is a simple wall mounted RGB colour slider.

Supplier	Image	Specification
Optecha Lighting		Description: Suspended Light Frame. Dark grey RAL 7021 housing, RGB LED 1400W CRI: 90 CCT (Color Temperature): RGB Lumens/Watts: Lumen output to be based on mounting height and light level requirements. Product Code: HPL-RGB-DMX-120-(SIZE)
Mercury / Sistimalux - Iguzzini		Description: Led Panel Pendant. RGB LED pendant fixture. Gray painted finish. 02 - Black RAL7021 CRI: 90 CCT (Color Temperature): RGB Lumens: R 4508lm G 10626lm B 3864lm per panel. Lumen output to be based on mounting height and light level requirements. Product Code: 8888-SPS015082
Richporter Lighting		Description: Media Graph TLS. Lumi Cloud Bespoke Aurora. Black CRI: >90 CCT (Color Temperature): RGB Lumens: Efficiency: 64.8 lm/w- (power consumption depends on fixture configuration). Lumen output to be based on mounting height and light level requirements. Product Code: TLS AURORA(RGBW) LUMICLOUD - TLS-LC-BE-AU- RC-WxL-65K-CL-SP-SQ-CF-LF-DMXT-P-IN. *Code and lighting information may vary depending on the configuration

*Alternate manufacturer must provide product of equal type and quality.

LT-2c		
Customer Lounge Optional Light Frame - White LED		
Supplier	Image	Specification
Optecha Lighting		Description: Suspended Light Frame. Dark grey RAL 7021 housing, RGB LED CRI: 90 CCT (Color Temperature): RGB 4000K Lumens/Watts: Lumen output to be based on mounting height and light level requirements. Product Code: HPL-RGB-DMX-120-(SIZE)
Mercury / Sistimalux - Iguzzini		CRI: 90 CCT (Color Temperature): RGB Lumens: 4000K. Lumen output to be based on mounting height and light level requirements. Product Code: 8605-SPS017043
Richporter Lighting		Description: Media Graph TLS. Lumi Cloud Bespoke Aurora. Black CRI: >90 CCT (Color Temperature): RGB Lumens: Efficiency: 1072.3 lm/sqf.* Lm/sqf are calculated at LED source. Lumen output to be based on mounting height and light level requirements. Product Code: TLS ASTRA LUMILINE - TLS-LC-BE-AS-RC-WxL-40K- CL-SP-FS-CF-LF-O-10- P-IN

*Alternate manufacturer must provide product of equal type and quality.

Customer Zone Lighting

LT-3

Customer Areas & Office Light - Recessed LED downlight with standard distribution and white trim.

Supplier	Image	Specification
Optecha Lighting		Description: Recessed Wall Wash Downlight. Recessed LED round adjustable downlight with white trim finish. Acuity CRI: 90 CCT (Color Temperature): 4000K Lumens/Watts: Lumen output to be based on mounting height and light level requirements. Product Code: LBR6-X-4000K-AR-TRW-LSS-X-X-UGZ
Mercury / Current Lighting		Description: 6RD 6" Round Downlight. DWT Diffuse Clear Anodized with White Flange CRI: 90 CCT (Color Temperature): 4000K Lumens: Lumen output to be based on mounting height and light level requirements. Product Code: LBRP-M LS ML CS9 LBRP 6RD T DWT LB-6R-F-TG
Richporter Lighting		Description: Lightolier by signify. Downlighting. Calculite LED 6" gen 3. C6RDL Round Downlight. White Matte CRI: 80 CCT (Color Temperature): 4000K Lumens: Lumen output to be based on mounting height and light level requirements. Product Code: Signify C6RDL

*Alternate manufacturer must provide product of equal type and quality.



LT-3a

Customer Areas & Office Light - LED wall wash downlight with alzak reflector finish and white trim.

Supplier	Image	Specification
Optecha Lighting		Description: Onelux - Recessed Wall Wash Downlight. Recessed LED round adjustable downlight with white trim finish CRI: 90 CCT (Color Temperature): 4000K Lumens/Watts: Lumen output to be based on mounting height and light level requirements. Product Code: MUR5-AD-R-WH-CS-55D-40K-90-20-V-UNV-NCR1
Mercury / Current Lighting		Description: 6RD 6" Round Downlight. DWT Diffuse Clear Anodized with White Flange CRI: 90 CCT (Color Temperature): 120-347V auto sensing, lumen and CCT selectable. Lumen output to be based on mounting height and light level requirements. Lumens: Lumen output to be based on mounting height and light level requirements. Product Code: LBRP-M LS ML CS9 LBRP 6RD T DWT LB-6R-F-TG
Richporter Lighting		Description: Lightolier by signify. Downlighting. Calculite LED 6" gen 3. C6RWW Round Wall Wash. White Matte CRI: 80 CCT (Color Temperature): 4000K Lumens: Lumen output to be based on mounting height and light level requirements. Product Code: Signify C6RWW Round Wall Wash

*Alternate manufacturer must provide product of equal type and quality.



LT-4

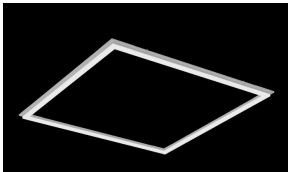
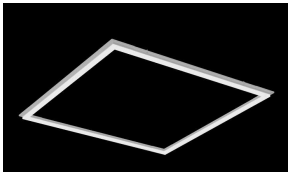
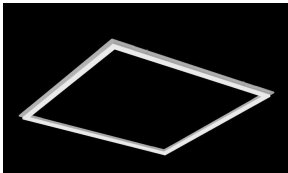
Welcome Wall Washer - Laser Blade Large Wall Washer (for non-illuminated Welcome Walls only) Black housing and trim; 23W white LED; 40° swing-out; 4000K colour tem. CRI 90.

Supplier	Image	Specification
Optecha Lighting		Description: Onelux. Laser Blade Wall Washer. Black Housing and trim, 18W white LED, wall washer optic CRI: 90 CCT (Color Temperature): 3000K Lumens/Watts: 750lm/10W/5 Cell 1350lm/18W/10 Cell. Lumen output to be based on mounting height and light level requirements. Product Code: VEG-10-30K-WW-UNV-90-B
Mercury / Sistimalux - Iguzzini		Description: iGuzzini CL R2 Laser Blade Large Wall Washer CRI: 80 CCT (Color Temperature): 4000K Lumens: Lumen output to be based on mounting height and light level requirements. Product Code: I.LB L2 TR 840 WW 120
Richporter Lighting		Description: Clairage On Light. BK RAL 9005 black CRI: 90 CCT (Color Temperature): 4000K Lumens: Lumen output to be based on mounting height and light level requirements. Product Code: LWL 40 90 WW BK

*Alternate manufacturer must provide product of equal type and quality.

LT-5

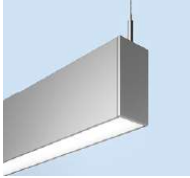
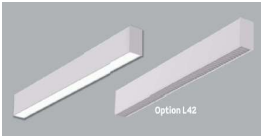
New Vehicle Delivery Suspended Light Frame - White LED

Supplier	Image	Specification
Optecha Lighting		Description: Suspended Light Frame. Dark grey RAL 7021 housing. Design using a single frame CRI: 90 CCT (Color Temperature): 4000K Lumens/Watts: Lumen output to be based on mounting height and light level requirements. Product Code: HPL-40000K-120-(SIZE)
Mercury / Sistimalux - Iguzzini		Description: Sistimalux Canale Pendant. 8605 - Down. RGB LED Strip. CRI: 90 CCT (Color Temperature): RGB Lumens: 4000K. Lumen output to be based on mounting height and light level requirements. Product Code: 8605-F UNV Custom RAL finish RAL7021. Rectangular Configuration with size to be confirmed
Richporter Lighting		Description: Ceiling Mounted or Suspended Light Frame, 4" Black CRI: >90 CCT (Color Temperature): 4000K. Lumens: Efficiency: 100.0 Lm/W. Lumen output to be based on mounting height and light level requirements. Product Code: TLS ASTRA LUMILINE

*Alternate manufacturer must provide product of equal type and quality.

LT-6

NVD / Reception / Sales Areas - Pendant Mounted LED downlight with direct distribution and matte white finish.

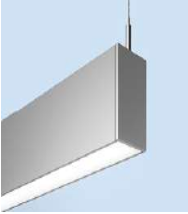
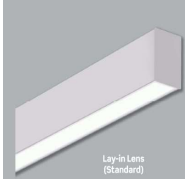
Supplier	Image	Specification
Optecha Lighting		Description: Acuity - Linear Suspended Lighting. Pendant Mounted LED Linear Downlight with direct distribution and matte white finish. Mark Architectural Lighting SLOT 2 Pendant Direct CRI: 80 CCT (Color Temperature): 4000K Lumens/Watts: Lumen output to be based on mounting height and light level requirements. Product Code: S2PD-X-80CRI-40K-X-WHT-ZT
Mercury / Current Lighting		Description: Prescolite. LITECONTROL 4L-P-D or 2L-P-D MOD 3 LED Pendant Direct CRI: 90 CCT (Color Temperature): CCT selectable Lumens: Lumen selectable. Lumen output to be based on mounting height and light level requirements. Product Code: 4L PD SOF C1 40K D050 1C UNV or 2L PD SOF C1 40K D050 1C UNV
		Description: 2L-P-D MOD 3 LED Pendant Direct CRI: 90 CCT (Color Temperature): CCT selectable Lumens: Lumen selectable. Lumen output to be based on mounting height and light level requirements. Product Code: 2L PD SOF C1 40K D050 1C UNV
Richporter Lighting		Description: VISIONEERING LMEZ 3 LED Suspended Linear Direct/Indirect Luminaire CRI: 80 CCT (Color Temperature): 4000K Lumens: 1000 lm/ft. Lumen output to be based on mounting height and light level requirements. Product Code: LMEZ3-P96-LED840K10LFUNV-C91

*Alternate manufacturer must provide product of equal type and quality.



LT-6a

Service / Reception / Sales Offices - Pendant Mounted LED downlight with direct/indirect distribution and matte white finish.

Supplier	Image	Specification
Optecha Lighting		Description: Linear Suspended Lighting. Pendant Mounted LED Linear Downlight with direct distribution and matte white finish CRI: 90 CCT (Color Temperature): 4000K Lumens/Watts: Lumen output to be based on mounting height and light level requirements Product Code: S2LD-X-80CRI-40K-X-WHT-ZT
Mercury / Current Lighting		Description: LITECONTROL 6L-P ID MOD 6 LED Pendant Indirect/Direct CRI: 90 CCT (Color Temperature): 4000K Lumens: Lumen output to be based on mounting height and light level requirements. Product Code: 4L P ID SOF C1 40K I030 D050 1C UNV or 2L P ID
Richporter Lighting		Description: VISIONEERING LMEZ 3 LED Suspended Linear Direct/Indirect Luminaire CRI: 80 CCT (Color Temperature): 4000K Lumens: 1000 lm/ft. Lumen output to be based on mounting height and light level requirements. Product Code: LMEZ3-T96-LED840K06/10LFUNV-C91

*Alternate manufacturer must provide product of equal type and quality.



LT-7

Meeting Room - Suspended LED downlight direct / indirect distribution with matte white finish.

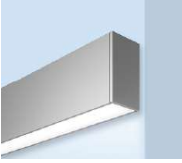
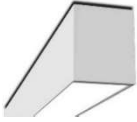
Supplier	Image	Specification
Optecha Lighting		Description: Linear Suspended Lighting DI. Suspended LED Downlight direct / indirect distribution with matte white finish. Mark Architectural Lighting PLANAR I/D OR DIRECT PENDANT TUNABLE WHITE CRI: 80 CCT (Color Temperature): 4000K Lumens/Watts: Up to 140lm/w. Lumen output to be based on mounting height and light level requirements. Product Code: GRD-LLP-X-80CRI-40K-ID1000LMF-20/80-MIN1-ZT-120-SCT-24A-C210
Mercury / Current Lighting		Description: LITECONNTROL SAE 103 LED Pendant Indirect/Direct CRI: 90 CCT (Color Temperature): 4000K Lumens: Lumen output to be based on mounting height and light level requirements. Product Code: SAE103 PID LPA SGL C1 40K D01 1C UNV
Richporter Lighting		Description: Visioneering Allura M (Moda) CRI: 80 CCT (Color Temperature): 4000K Lumens: 120L - 12000. Lumen output to be based on mounting height and light level requirements. Product Code: ALR-M96-LED840K120LUNV-F09

*Alternate manufacturer must provide product of equal type and quality.



LT-8

Washroom Wall Wash - Surface/Wall mounted LED downlight with matte white finish.

Supplier	Image	Specification
Optecha Lighting		Description: Acuity. Surface Wall Mounted LED Downlight with matte finish CRI: 80 CCT (Color Temperature): 4000K Lumens/Watts: Lumen output to be based on mounting height and light level requirements. Product Code: S2LWD-LCB-X-80CRI-40K-X-WHT-ZT
Mercury / Current Lighting		Description: LITECONTROL 4L-W-D MOD 3 LED Wall Direct or 2L WD CRI: 90 CCT (Color Temperature): 4000K Lumens: Lumen output to be based on mounting height and light level requirements. Product Code: 4L WD SOF C1 40K D01 1C UNV or 2L WD
Richporter Lighting		Description: Visioneering LMEZ LED Linear Luminaire CRI: 80+ CCT (Color Temperature): 4000K Lumens: 100L - 10000 Product Code: LMEZ-W96-LED840K100LUNV-P04-M02

*Alternate manufacturer must provide product of equal type and quality.



LT-9

Shop - Service Department - LED high performance high bay fixture.

Supplier	Image	Specification
Optecha Lighting		Description: LHB Series LED High Performance Linear Highbay CRI: >70 CCT (Color Temperature): 4000K Lumens/Watts: Lumen output to be based on mounting height and light level requirements. Product Code: LHB Series LHB-150LED-40K-120M-V-D or LHB Series LHB-150LED-40K-347-V-D
Mercury / Current Lighting		Description: Columbia Lighting PEL Peloton High Performance High Bay CRI: >80 CCT (Color Temperature): 4000K Lumens: Lumen output to be based on mounting height and light level requirements. Product Code: ECH1 840 DW EDU PM
		Description: Columbia Lighting PELA Linear High Bay CRI: 80 CCT (Color Temperature): 4000K Lumens: Lumen output to be based on mounting height and light level requirements. Product Code: PELA 840 LXX B ED ST F5C006 93302310
Richporter Lighting		Description: Visioneering LHBC LED - Commercial-Grade High or Low Bay Luminaire CRI: 80+ CCT (Color Temperature): 4000K Lumens: 240L - 24000. Lumen output to be based on mounting height and light level requirements. Product Code: LHBC248-LED840240LUNV-P73

*Alternate manufacturer must provide product of equal type and quality.



LT-9a

Service Department - LED 8ft long, suspended 10-12ft of the floor.

Supplier	Image	Specification
Optecha Lighting		Description: Strip Light. LED Striplight 4 or 8ft long, mounted 10-12ft high CRI: 80 CCT (Color Temperature): 4000K Lumens/Watts: Lumen output to be based on mounting height and light level requirements. Product Code: CLX-X-SEF-WDL-40K-80CRI-WH
Mercury / Current Lighting		Description: LITECONTROL 6L-P-D MOD 3 LED Pendant Direct CRI: 90 CCT (Color Temperature): 4000K Lumens: Lumen output to be based on mounting height and light level requirements. Product Code: 6L PD SOF C1 40K D01 1C UNV
Richporter Lighting		Description: Visioneering LCOM LED - Commercial Strip Luminaire CRI: 80+ CCT (Color Temperature): 4000K Lumens: 140L - 14000. Lumen output to be based on mounting height and light level requirements. Product Code: LCOM-96-LED-840K140L-P77

*Alternate manufacturer must provide product of equal type and quality.



LT-10a		
General Purpose LED - Suspended LED with white finish.		
Supplier	Image	Specification
Optecha Lighting		Description: Surface LED Wrap. White finish, 4' long. CRI: 80 CCT (Color Temperature): 4000K Lumens/Watts: 4000lm. Lumen output to be based on mounting height and light level requirements. Product Code: VT Series
Mercury / Current Lighting		Description: Columbia Lighting CSL Striplight CRI: 90 CCT (Color Temperature): CCT selectable Lumens: 120-347V auto-sensing, lumen selectable. Lumen output to be based on mounting height and light level requirements. Product Code: CSL4-A-LSCS
Richporter Lighting		Description: Visioneering LMNE-Magic Neutron Industrial/Commercial Lighting CRI: 80+ CCT (Color Temperature): 4000K Lumens: 040L - 4000. Lumen output to be based on mounting height and light level requirements. Product Code: LMNE-48-LED-40K040LUNV

*Alternate manufacturer must provide product of equal type and quality.



LT-10b		
Wash Bay (wet area) Enclosed and Gasketed LED with white finish.		
Supplier	Image	Specification
Optecha Lighting		Description: Vapor Tite LED. Enclosed and Gasketed, 4' or 8'. CRI: 80 CCT (Color Temperature): 4000K Lumens/Watts: Lumen output to be based on mounting height and light level requirements. Product Code: VT Series
Mercury / Current Lighting		Description: Columbia Lighting LXEM CRI: 80 CCT (Color Temperature): 4000K Lumens: Lumen output to be based on mounting height and light level requirements. Product Code: LXEM4 40 RFA EDU
Richporter Lighting		Description: CERTOLUX CRV LED - Cleanroom Ceiling - Vapour Tight CRI: 80+ CCT (Color Temperature): 4000K Lumens: 200L - 20000. Lumen output to be based on mounting height and light level requirements. Product Code: CRV-96-LED840K200LUNV-C16-P78

*Alternate manufacturer must provide product of equal type and quality.



LT-11a

Service / Parts Department - Surface mounted/suspended LED striplight with white finish.

Supplier	Image	Specification
Optecha Lighting		Description: Strip LED. White finish, 4' or 8' long, suspended or surface mounted 10-12ft high. CRI: 80 CCT (Color Temperature): 4000K Lumens/Watts: Lumen output to be based on mounting height and light level requirements. Product Code: CLX-X-SEF-WDL-40K-80CRI-WH
Mercury / Current Lighting		Description: Columbia Lighting CSL Striplight CRI: 90 CCT (Color Temperature): Switchable CCT, 3500/4000/5000K Lumens: 120-347V auto-sensing, lumen selectable. Lumen output to be based on mounting height and light level requirements. Product Code: CSL4-A-LSCS
Richporter Lighting		Description: Visioneering LCOMLED - Commercial Strip Luminaire CRI: 80+ CCT (Color Temperature): 4000K Lumens: 140L - 14000. Lumen output to be based on mounting height and light level requirements. Product Code: LCOM-96-LED-840K140L-P77

*Alternate manufacturer must provide product of equal type and quality.



LT-12

General Purpose Square Potlight - Recessed LED square downlight with white trim finish.

Supplier	Image	Specification
Optecha Lighting		Description: Dallas Downlight Recessed Downlight Recessed LED square downlight with white trim finish CRI: 90 CCT (Color Temperature): 3000K, 4000K, 5000K Selectable Lumens/Watts: 600lm/8W. Lumen output to be based on mounting height and light level requirements. Product Code: DAL4-SQ-OCC-M-120-90-W-NCS1
Mercury / Current Lighting		Description: General Purpose Square Prescolite LBRP-SQD (120-347V) PRO CANLESS DIRECT INSTALL DOWNLIGHT CRI: 90 CCT (Color Temperature): CCT selectable Lumens: 120-347V auto-sensing, CCT selectable. Lumen output to be based on mounting height and light level requirements. Product Code: LBRP-M LS ML CS9 34 LBRP 6SQ T DWT LFR 6SQ H
Richporter Lighting		Description: Lightolier by Signify - Downlighting LyteProfile P6S 6" Square Downlight & Wall Wash CRI: 80 CCT (Color Temperature): 1000lm Lumens: 4000K. Lumen output to be based on mounting height and light level requirements. Product Code: 6SN / P6SDL20840-Z10U

*Alternate manufacturer must provide product of equal type and quality.

LT-13

Vestibule - Recessed LED round downlight with white trim finish.

Supplier	Image	Specification
Optecha Lighting		Description: Recessed Downlight Recessed LED round downlight with white trim finish CRI: 80 (90 Optional) CCT (Color Temperature): 4000K Lumens/Watts: Lumen output to be based on mounting height and light level requirements. Product Code: LBR6-X-4000K-AR-TRW-LSS-X-X-UGZ
Mercury / Current Lighting		Description: Prescolite LBRP-RD PRO CANLESS DIRECT INSTALL DOWNLIGHT CRI: 90 CCT (Color Temperature): CCT selectable Lumens: 120-347V auto-sensing, lumen selectable. Lumen output to be based on mounting height and light level requirements. Product Code: LBRP-M LS ML CS9 LBRP 6RD T DWT LB-6R-F-TG
Richporter Lighting		Description: Ligholier by Signify Downlighting LyteProfile P6R 6" Round Downlight & Wall Wash CRI: 80 CCT (Color Temperature): 4000K Lumens: 2500 lm. Lumen output to be based on mounting height and light level requirements. Product Code: 6RN / P6RDL15840-Z10U

*Alternate manufacturer must provide product of equal type and quality.

LT-13a		
Vestibule Alternative Recessed 2" downlight for low clearance height.		
Supplier	Image	Specification
Optecha Lighting		Description: Recessed LED 2" Downlight. White trim finish. CRI: 90 CCT (Color Temperature): 4000k Lumens/Watts: 600lm Product Code: DAL2-RD-CCT-M-120-90-W
Mercury / Current Lighting		Description: Prescolite D2LED OPEN 2" LED OPEN DOWNLIGHT 120/277V CRI: 80+ CCT (Color Temperature): 4000K Lumens: Lumen package and configuration to suit project Product Code: D2LED 2D9LED 15L
Richporter Lighting		Description: Lightolier by Signify Downlighting Calculite 2" C2DL Downlight White 2" round CRI: 90 CCT (Color Temperature): 4000K Lumens: 1500 lm Product Code: C2RDL15-9 -40FL-C2R-DL

*Alternate manufacturer must provide product of equal type and quality.

Equipment / Exterior Lighting

LT-17

Cabinets - Under cabinet LED strip.

Supplier	Image	Specification
Optecha Lighting		Description: Surface Mount Under Cabinet LED Linear. Aluminum extrusion with frosted lens. Custom sizes and output based on site conditions. CRI: 90 CCT (Color Temperature): 4000K Lumens/Watts: Lumen output to be based on mounting height and light level requirements. Product Code: BAR Series
Mercury / Current Lighting		Description: Columbia Lighting CUC Undercabinet CRI: 90 CCT (Color Temperature): Switchable CCT technology: 3000/3500/4000K Lumens: Lumen output to be based on mounting height and light level requirements. Product Code: CUC2-CS-ED120
Richporter Lighting		Description: Day-Brite CFI Linear LINC'S LED undercabinet 19" Driver DIM CRI: 90 CCT (Color Temperature): 3000K Lumens: Lumen output to be based on mounting height and light level requirements. Product Code: LINC'S100E-930WHG-DIM

*Alternate manufacturer must provide product of equal type and quality.



EX		
Exit Public Areas Running man - Edge-lit exit sign with LED light source.		
Supplier	Image	Specification
Optecha Lighting		Description: Exit Running Man Edgelit LED. Finished in white. Universal mount with site-installed pictogram inserts Product Code: EDGRM
Mercury Lighting		Description: Stanpro Product Code: RMEA EDGELIT Universal Mounting
Richporter Lighting		Description: BeLuCe CURVA RM Surface / Recessed Edge-Lit Running Man Product Code: CRV-RM-L-S-BA

EM		
Emergency Lights - Commercial emergency light as required by code.		
Supplier	Image	Specification
Optecha Lighting		Description: Emergency LED Light. Finished in white. Wall and ceiling mount. 120-347V input 1100 lumens Product Code: EDGRM
Mercury Lighting		Description: Stanpro Product Code: VN4-L GEN 2
Richporter Lighting		Description: Beluce TEMPESTATM LED REMOTE 17W Wet Location LED Remote Product Code: TA-RMT-LED

*Alternate manufacturer must provide product of equal type and quality.



ELT-1a		
Front Lot Display - Large Viper LED, outdoor area light with grey smooth finish.		
Supplier	Image	Specification
Optecha Lighting		Description: Area Post Mount LED. Finished in grey or white. Straight square steel pole, suitable EPA based on location. CRI: 80 CCT (Color Temperature): 4000K Lumens/Watts: Lumen output to be based on mounting height and light level requirements. Product Code: RSX or DSX
Mercury / Current Lighting		Description: Beacon / VP3 Viper Area/Site CRI: 70 CCT (Color Temperature): 4000K Lumens: Lumen output to be based on mounting height and light level requirements. Product Code: VP3 4K7 UNV ASQU LGS
Richporter Lighting		Description: Gardco by Signify Site Area EcoForm ECF-L large area luminaire CRI: 70 CCT (Color Temperature): 4000K Lumens: Lumen output to be based on mounting height and light level requirements. Product Code: ECF-L NW-G2 AR MGY
ELT-1b		
Front Lot Display - Square straight steel pole with grey finish.		
Supplier	Image	Specification
Mercury / Current Lighting		Description: HUBBELL Outdoor Lighting SSS-H Series Poles Product Code: SSS POLE TO SUIT CONFIGURATION
Richporter Lighting		Description: Gardco by Signify Ples & Brackets Site and Area Poles. Straight Square Steel Product Code: SSS-CB

*Alternate manufacturer must provide product of equal type and quality.



ELT-2b

Wall Lights - Small viper outdoor LED area light with grey smooth finish.

Supplier	Image	Specification
Optecha Lighting		Description: Wall Mount LED. Finished in grey or white. CRI: 80 CCT (Color Temperature): 4000K Lumens/Watts: Lumen output to be based on mounting height and light level requirements. Product Code: WDGE2 LED Series
Mercury / Current Lighting		Description: Beacon / VP2 VIPER Area/Site Lumens: Lumen package and configuration to suit project Product Code: VP2 4K7 UNV WB LGS
		Description: Hubbell Outdoor Lighting RATIO Wall / RAR2 Lumens: Lumen output to be based on mounting height and light level requirements. Product Code: RWL2 4K7 UNV LGS
Richporter Lighting		Description: Gardco by Signify Site Area EcoFrom ECF-S Small area light CRI: 70 CCT (Color Temperature): 4000K Lumens: Lumen output to be based on mounting height and light level requirements. Product Code: ECF-S-32L-700-NW-G2-AR-3-UNV-MGY

*Alternate manufacturer must provide product of equal type and quality.

ELT-3

Bollards - Round/Square LED Bollard with grey finish.

Supplier	Image	Specification
Optecha Lighting		Description: Bollard LED. Finished in grey or white. Product Code: DSXB
Mercury / Current Lighting		Description: Hubbell Outdoor / Fresno Temple Series Product Code: TMS/TMR 24LU 4K
		Description: Kim Lighting / Pavillion Impact Rated Product Code: PA7R
Richporter Lighting		Description: Gardco by Signify Bollard Dome/bevel top louver Product Code: 42 NW-G2 MGY

*Alternate manufacturer must provide product of equal type and quality.