

PEERLESS®
QuickShip 



SPEED | QUALITY | AFFORDABILITY



Peerless makes it easy to bridge speed, quality and affordability.

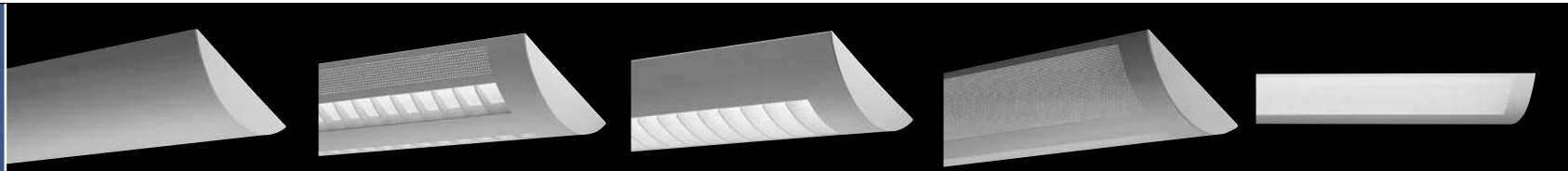
We believe when challenged with a lean budget and time constraints, quality lighting should not be exclusive to the few, rather accessible to all.

The Program

- 5 day manufacturing lead time from order activation to shipment
- Limited to standard product shown
- QuickShip products must be entered on a separate factory order
- Submittal drawings not available, record drawings available by request
- Consult factory for orders exceeding 500 feet
- Normal shipping and Terms & Conditions policies apply, see www.peerless-lighting.com for details

QuickShip Products

SPEED | QUALITY | AFFORDABILITY



CERRA 10

Indirect
10CRM1QS
Indirect
T8

Pg.3

Lightvent
10CRM3QS
Indirect/Direct
T5, T5HO, T8

Pg.4

ID
10CRM4QS
Indirect/Direct
T5, T5HO, T8

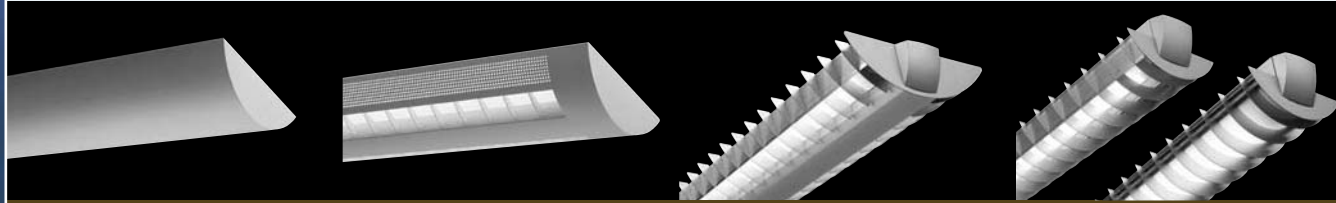
Pg.5

Partial Perf
10CRM7QS
Indirect/Open
T8

Pg.6

Wall Partial Perf
CRW7QS
Indirect/Open
T5, T5HO, T8

Pg.7



CERRA 7

ICETRAY CURVED

Indirect
7CRM1QS
Indirect
T5, T5HO

Pg.8

Lightvent
7CRM3QS
Indirect/Direct
T5, T5HO

Pg.9

ID
ICM8QS
Indirect/Direct
T5, T5HO, T8

Pg.10

Direct
ICDM8QS
Direct
T5, T5HO, T8

Pg.11



BRUNO

Indirect
BRM1QS
Indirect
T5, T5HO, T8

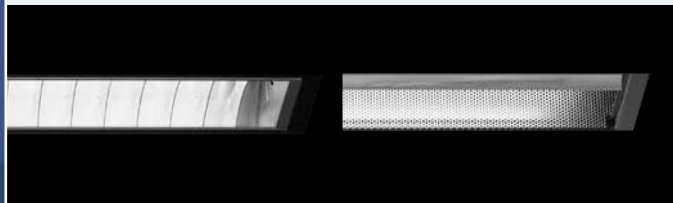
Pg.12

Louver
BRM4QS
Indirect/Direct
T5, T5HO, T8

Pg.13

Partial Perf
BRM7QS
Indirect/Open
T5, T5HO, T8

Pg.14



LIGHTLINE RECESSED

Louver
LSR9QS
Direct
T5, T5HO

Pg.15

Wall Wash
LWR9QS
Direct
T5, T5HO

Pg.15

ADDITIONAL INFORMATION

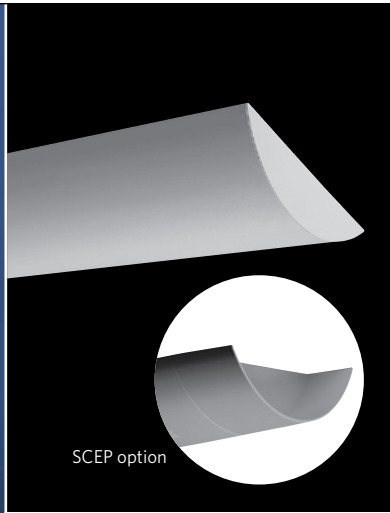
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Typical Applications

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Private Office or Conference Room	23
Wall Wash	24

QuickShip Specification Sheets





SCEP option

10CRM1QS

specifications

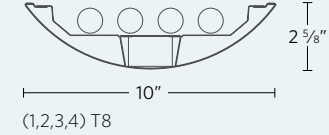
CONSTRUCTION — Die formed cold-rolled steel housing. Flat steel end plate standard. Die-cast aluminum end cap optional.

REFLECTORS — Pre-painted white steel.

FINISH — Fine textured white polyester powder paint.

FIXTURE LENGTH — 4', 8' and 12' individual fixture sections for nominal suspension spacing of 4', 8' and 12'. Add 1/16" for each standard end cap or 4" for each optional sculptured end cap to determine total fixture length. Using internal joiners, 4', 8' and 12' sections can be joined to form longer length fixtures.

dimensions / lamping



light distribution



See Typical Application section for sample layouts.

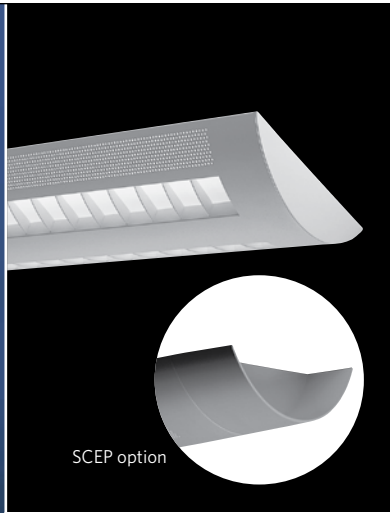
ordering logic

Sample Catalog Number: 10CRM1QS 2 32 WHR 36FT R12 120 GEB10 SCT LP835 C210 F1/21

Fixture	# of Lamps in Cross Section	Lamp Type	Reflector	Nominal Row Length	Maximum Section Length	Voltage	Ballast Type	# of Emergency Modules
10CRM1QS	1 2 3 4	32 (T8)	WHR White Reflector SPR Specular Reflector	___FT <i>Must be in 4' increments</i>	R4 4' R8 8' R12 12'	120 277	GEB10 <10% THD ELECTRONIC ACNS Advance <10% THD Program Rapid Start OSPS Osram <10% THD Program Rapid Start OS10IS Osram <10% THD Instant Start Dimming Ballasts: ADEZ Advance Mark 10 dimming ADZT Advance Mark 7 dimming	(Blank) None 1SE 1 section 2SE 2 sections XSE X sections
Emergency Type ^{1,2}	Switching	Lamp color	Finish	General Options	Mounting Type /	Overall Suspension	Mounting Options	
(Blank) None EL Emergency Battery Pack EC Emergency / Night Light Circuit EN Emergency Battery Pack with Night Light Circuit	SCT Single Circuit DCT ² Dual Circuit	L/LP No Lamp LP830 3000K 80+ CRI LP835 3500K 80+ CRI LP841 4100K 80+ CRI LP730 3000K 70+ CRI LP735 3500K 70+ CRI LP741 4100K 70+ CRI	C210 Standard White White (fine-textured low gloss)	DU Dust Cover ELH EM Through wire w/ Separate Feed ELS EM Through Wire w/ Single Feed ELS2 Normal feed w/ EM separate neutral GLR Fusing (Fast blow) GMF Fusing (Slow Blow) SCEP Sculptured End Cap	F1 T-Bar Ceiling (Universal Mounting Bracket) F1A T-Bar Ceiling (UMB with Integrated J-Box) F2 Hard Ceiling (Horizontal J-Box)	12 12" 15 15" 18 18" 21 21" 24 24" XX XX"	ACG Adjustable Cable Grippers CP Chicago Plenum MCS Matching feed canopy support OBJ Offset Junction Box	

Notes: 1 EL and EC are installed in last 4' of fixture sections and are not available concurrently. Separate feed required for each EL or EC unless ELS/ELH is specified. 2 Not available with dimming.





10CRM3QS

specifications

CONSTRUCTION — Die formed cold-rolled steel housing. Flat steel end plate standard. Die-cast aluminum end cap optional.

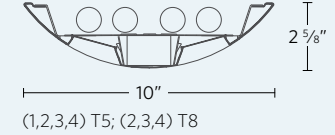
SHIELDING — Parallel white painted steel baffles. Die-punched perforations on upper housing with acrylic opal diffuser overlay.

REFLECTORS — Pre-painted white steel.

FINISH — Fine textured white polyester powder paint.

FIXTURE LENGTH — 4', 8' and 12' individual fixture sections for nominal suspension spacing of 4', 8' and 12'. Add 1/16" for each standard end cap or 4" for each optional sculptured end cap to determine total fixture length. Using internal joiners, 4', 8' and 12' sections can be joined to form longer length fixtures.

dimensions / lamping



light distribution



See Typical Application section for sample layouts.

ordering logic

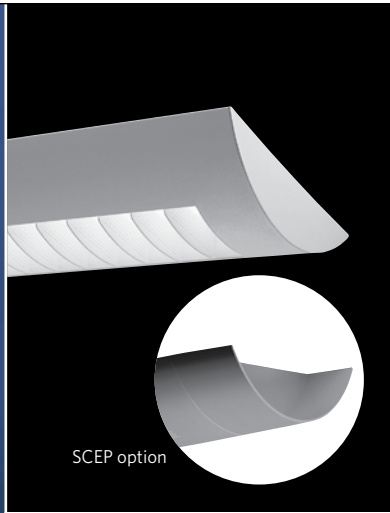
Sample Catalog Number: 10CRM3QS 3 32 WHR 36FT R12 277 GEB10 SCT LP835 C210 F1/21

Fixture	# of Lamps in Cross Section	Lamp Type	Reflector	Nominal Row Length	Maximum Section Length	Voltage	Ballast Type	# of Emergency Modules
10CRM3QS	1 (T5, T5HO only)	28T5	WHR White Reflector	___FT <i>Must be in 4' increments</i>	R4 4'	120 277	GEB10 <10% THD ELECTRONIC ACNS¹ Advance <10% THD Program Rapid Start OSPS¹ Osram <10% THD Program Rapid Start OS10IS^{1,2} Osram <10% THD Instant Start Dimming Ballasts: ADEZ¹ Advance Mark 10 dimming ADZT^{1,2} Advance Mark 7 dimming OSDIM^{1,3} Osram 0-10V dimming	(Blank) None
	2	54T5HO			R8 8'			ISE 1 section
	3	32 (T8)			R12 12'			2SE 2 sections
	4 (T8 only)				XSE X sections			

Emergency Type ^{4,5}	Switching	Lamp color	Finish	General Options	Mounting Type /	Overall Suspension	Mounting Options
(Blank) None	SCT Single Circuit	L/LP No Lamp	C210 Standard White	DU Dust Cover	F1 T-Bar Ceiling	12 12"	ACG Adjustable Cable Grippers
EL Emergency Battery Pack	DCT ⁵ Dual Circuit	LP830 3000K 80+ CRI	White	ELH EM Through wire w/ Separate Feed	(Universal Mounting Bracket)	15 15"	CP Chicago Plenum
EC Emergency / Night Light Circuit		LP835 3500K 80+ CRI	(fine-textured low gloss)	ELS EM Through Wire w/ Single Feed	F1A T-Bar Ceiling (UMB with Integrated J-Box)	18 18"	MCS Matching feed canopy at support
EN Emergency Battery Pack with Night Light Circuit		LP841 4100K 80+ CRI		ELS2 Normal feed w/ EM separate neutral	F2 Hard Ceiling (Horizontal J-Box)	21 21"	OJB Offset Junction Box
		T8 Only: LP730 3000K 70+ CRI LP735 3500K 70+ CRI LP741 4100K 70+ CRI		GLR Fusing (Fast blow) GMF Fusing (Slow Blow) SCEP Sculptured End Cap		24 24" XX XX"	

Notes: 1 Not available with 28T5 Lamp Type. 2 Not available with 54T5HO Lamp Type. 3 Not available with 32 (T8) Lamp Type. 4 EL and EC are installed in last 4' of fixture sections and are not available concurrently. Separate feed required for each EL or EC unless ELS/ELH is specified. 5 Not available with dimming.





SCEP option

10CRM4QS

specifications

CONSTRUCTION — Die formed cold-rolled steel housing. Flat steel end plate standard. Die-cast aluminum end cap optional.

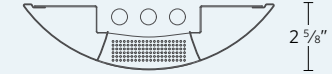
SHIELDING — Parabolic semi-specular aluminum louvers (SSB), white painted steel baffle (SBL) or white painted perforated steel baffle (PPL). Optional Opal Diffuser (OPD) overlay.

REFLECTORS — Die-formed specular aluminum or pre-painted white steel.

FINISH — Fine textured white polyester powder paint.

FIXTURE LENGTH — 4', 8' and 12' individual fixture sections for nominal suspension spacing of 4', 8' and 12'. Add 1/16" for each standard end cap or 4" for each optional sculptured end cap to determine total fixture length. Using internal joiners, 4', 8' and 12' sections can be joined to form longer length fixtures.

dimensions / lamping



10"

(1,2,3) T5, T5HO, or T8

light distribution



See Typical Application section for sample layouts.

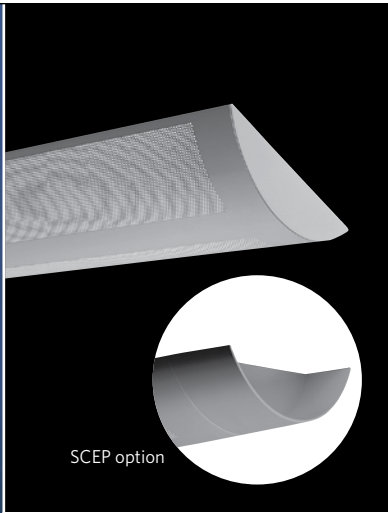
ordering logic

Sample Catalog Number: 10CRM4QS 2 32 WHR SSB 40FT R12 277 GEB10 DCT LP735 F1/18 SCEP

Fixture	# of Lamps in Cross Section	Lamp Type	Distribution	Reflector	Shielding	Baffle	Nominal Row Length	Maximum Section Length	Voltage	Ballast Type
10CRM4QS	1	28T5	(Blank) Standard 65/35	WHR White Reflector	(Blank) No opal overlay	SSB Semi Specular Baffle	___FT	R4 4'	120	GEB10 <10% THD ELECTRONIC
	2	54T5HO	20/80 20% Up, 80% Down	SPR Specular Reflector	OPD Baffle w/ Opal overlay	SBL White Blade Baffle	Must be in 4' increments	R8 8'	277	ACNS ² Advance <10% THD Program Rapid Start
	3	32 (T8)	40/60 40% Up, 60% Down 0/100 0% Up, 100% Down CLI ¹ Center Lamp Isolater			PPL White Perforated Blade Baffle		R12 12'		OSPS ² Osram <10% THD Program Rapid Start OS10IS ^{2,3} Osram <10% THD Instant Start
<p>Dimming Ballasts: ADEZ² Advance Mark 10 dimming ADZT^{2,3} Advance Mark 7 dimming OSDIM^{2,4} Osram 0-10V dimming</p>										
# of Emergency Modules	Emergency Type ^{5,6}	Switching	Lamp color	Finish	General Options	Mounting Type	Overall Suspension	Mounting Options		
(Blank) None	(Blank) None	SCT Single Circuit	L/LP No Lamp	C210 Standard White	DU ⁷ Dust Cover	F1 T-Bar Ceiling	12 12"	ACG Adjustable Cable Grippers		
1SE 1 section	EL Emergency Battery Pack	DCT ⁶ Dual Circuit	LP830 3000K 80+ CRI	White (fine-textured low gloss)	ELH EM Through wire w/ Separate Feed	(Universal Mounting Bracket)	15 15"	CP Chicago Plenum		
2SE 2 sections	EC Emergency / Night Light Circuit		LP835 3500K 80+ CRI		ELS EM Through Wire w/ Single Feed	F1A T-Bar Ceiling (UMB with Integrated J-Box)	18 18"	MCS Matching feed canopy at support		
XSE X sections			EN Emergency Battery Pack with Night Light Circuit		T8 Only: LP730 3000K 70+ CRI LP735 3500K 70+ CRI LP741 4100K 70+ CRI	ELS2 Normal feed w/ EM separate neutral	F2 Hard Ceiling (Horizontal J-Box)	21 21"	OJB Offset Junction Box	
					GLR Fusing (Fast blow) GMF Fusing (Slow Blow) SCEP Sculptured End Cap		24 24" XX XX"			

Notes: 1 Available with 3 lamp cross section only. 2 Not available with 28T5 Lamp Type. 3 Not available with 54T5HO Lamp Type. 4 Not available with 32 (T8) Lamp Type. 5 EL and EC are installed in last 4' of fixture sections and are not available concurrently. Separate feed required for each EL or EC unless ELS/ELH is specified. 6 Not available with dimming. 7 Not available with a distribution selection.





SCEP option

10CRM7QS

specifications

CONSTRUCTION — Die formed cold-rolled steel housing. Flat steel end plate standard. Die-cast aluminum end cap optional.

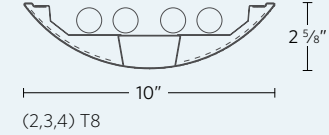
SHIELDING — Partially perforated steel housing with opal diffuser overlay.

REFLECTORS — Die-formed specular aluminum or pre-painted white steel.

FINISH — Fine textured white polyester powder paint.

FIXTURE LENGTH — 4', 8' and 12' individual fixture sections for nominal suspension spacing of 4', 8' and 12'. Add 1/16" for each standard end cap or 4" for each optional sculptured end cap to determine total fixture length. Using internal joiners, 4', 8' and 12' sections can be joined to form longer length fixtures.

dimensions / lamping



light distribution



See Typical Application section for sample layouts.

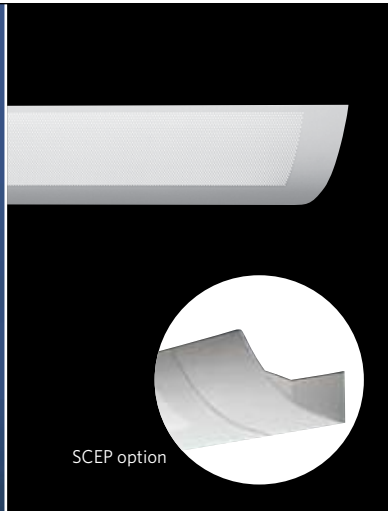
ordering logic

Sample Catalog Number: 10CRM7QS 2 32 WHR 40FT R12 277 GEB10 DCT LP735 F1/18 SCEP

Fixture	# of Lamps in Cross Section	Lamp Type	Reflector	Nominal Row Length	Maximum Section Length	Voltage	Ballast Type	# of Emergency Modules
10CRM7QS	2 3 4	32 (T8)	WHR White Reflector SPR Specular Reflector	___FT <i>Must be in 4' increments</i>	R4 4' R8 8' R12 12'	120 277	GEB10 <10% THD ELECTRONIC ACNS Advance <10% THD Program Rapid Start OSPS Osram <10% THD Program Rapid Start OS10IS Osram <10% THD Instant Start Dimming Ballasts: ADEZ Advance Mark 10 dimming ADZT Advance Mark 7 dimming	(Blank) None 1SE 1 section 2SE 2 sections XSE X sections
Emergency Type ^{1,2}	Switching	Lamp color	Finish	General Options	Mounting Type /	Overall Suspension	Mounting Options	
(Blank) None	SCT Single Circuit	L/LP No Lamp	C210 Standard White	DU Dust Cover	F1 T-Bar Ceiling	12 12"	ACG Adjustable Cable Grippers	
EL Emergency Battery Pack	DCT ² Dual Circuit	LP830 3000K 80+ CRI	White (fine-textured low gloss)	ELH EM Through wire w/ Separate Feed	(Universal Mounting Bracket)	15 15"	CP Chicago Plenum	
EC Emergency / Night Light Circuit		LP835 3500K 80+ CRI		ELS EM Through Wire w/ Single Feed	F1A T-Bar Ceiling (UMB with Integrated J-Box)	18 18"	MCS Matching feed canopy at support	
EN Emergency Battery Pack with Night Light Circuit		LP841 4100K 80+ CRI		ELS2 Normal feed w/ EM separate neutral	F2 Hard Ceiling (Horizontal J-Box)	21 21"	OJB Offset Junction Box	
		LP730 3000K 70+ CRI		GLR Fusing (Fast blow)		24 24"		
		LP735 3500K 70+ CRI		GMF Fusing (Slow Blow)		XX XX"		
		LP741 4100K 70+ CRI		SCEP Sculptured End Cap				

Notes: 1 EL and EC are installed in last 4' of fixture sections and are not available concurrently. Separate feed required for each EL or EC unless ELS/ELH is specified. 2 Not available with dimming.





CRW7QS

specifications

CONSTRUCTION — Die formed cold-rolled steel housing. Flat steel end plate standard. Die-cast aluminum end cap optional.

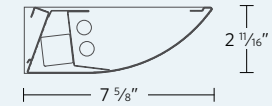
SHIELDING — Partially perforated steel housing with opal diffuser overlay.

REFLECTORS — Die-formed specular aluminum or pre-painted white steel.

FINISH — Fine textured white polyester powder paint.

FIXTURE LENGTH — 4', 8' and 12' individual fixture sections. Add 1/8" for each standard end cap or 4" for each optional sculptured end cap to determine total fixture length. Using internal joiners, 4', 8' and 12' sections can be joined to form longer length fixtures.

dimensions / lamping



(1,2) T5, T5HO, or T8

light distribution



See Typical Application section for sample layouts.

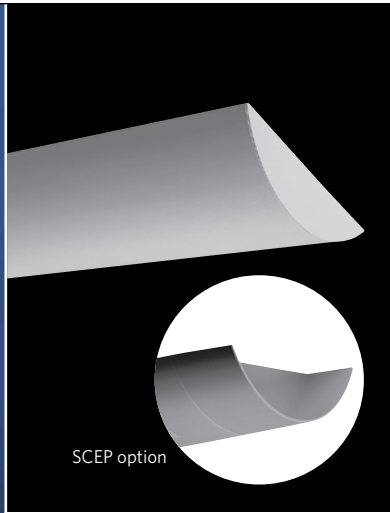
ordering logic

Sample Catalog Number: CRW7QS 154T5HO WHR 40FT R12 277 GEB10 SCT LP835 C210 SCEP

Fixture	# of Lamps in Cross Section	Lamp Type	Reflector	Nominal Row Length	Maximum Section Length	Voltage	Ballast Type	# of Emergency Modules
CRW7QS	1 2	28T5 54T5HO 32 (T8)	WHR White Reflector SPR Specular Reflector	___FT <i>Must be in 4' increments</i>	R4 4' R8 8' R12 12'	120 277	GEB10 <10% THD ELECTRONIC ACNS ^{1,2} Advance <10% THD Program Rapid Start OSPS ¹ Osram <10% THD Program Rapid Start Dimming Ballasts: ADEZ ^{1,2} Advance Mark 10 dimming OSDIM ^{1,2} Osram 0-10V dimming	(Blank) None 1SE 1 section 2SE 2 sections XSE X sections
Emergency Type ^{3,4}		Switching	Lamp color	Finish	General Options			
(Blank) None EL Emergency Battery Pack EC Emergency / Night Light Circuit EN Emergency Battery Pack with Night Light Circuit	SCT Single Circuit DCT ⁴ Dual Circuit	L/LP No Lamp LP830 3000K 80+ CRI LP835 3500K 80+ CRI LP841 4100K 80+ CRI T8 Only: LP730 3000K 70+ CRI LP735 3500K 70+ CRI LP741 4100K 70+ CRI	C210 Standard White White (fine-textured low gloss)	DU Dust Cover ELH EM Through wire w/ Separate Feed ELS EM Through Wire w/ Single Feed ELS2 Normal feed w/ EM separate neutral GLR Fusing (Fast Blow) GMF Fusing (Slow Blow) SCEP Sculptured End Cap				

Notes: 1 Not available with 28T5 Lamp Type. 2 Not available with 32 (T8) Lamp Type. 3 EL and EC are installed in last 4' of fixture sections and are not available concurrently. Separate feed required for each EL or EC unless ELS/ELH is specified. 4 Not available with dimming.





7CRM1QS

specifications

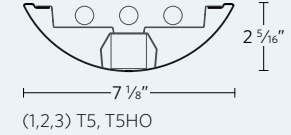
CONSTRUCTION — Die formed cold-rolled steel housing. Flat steel end plate standard. Die-cast aluminum end cap optional.

REFLECTORS — Pre-painted white steel.

FINISH — Fine textured white polyester powder paint.

FIXTURE LENGTH — 4', 8' and 12' individual fixture sections for nominal suspension spacing of 4', 8' and 12'. Add 1/16" for each standard end cap or 4" for each optional sculptured end cap to determine total fixture length. Using internal joiners, 4', 8' and 12' sections can be joined to form longer length fixtures.

dimensions / lamping



light distribution



See Typical Application section for sample layouts.

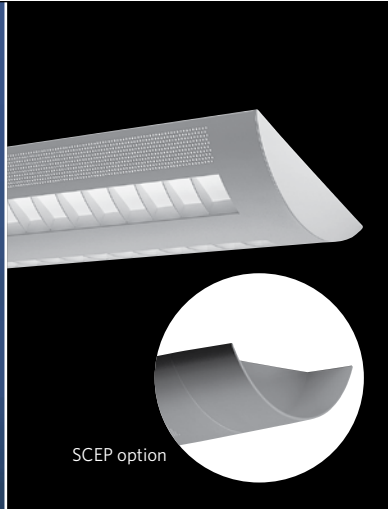
ordering logic

Sample Catalog Number: 7CRM1QS 2 54T5HO WHR 36FT R12 277 GEB10 SCT LP835 C210 F1/21

Fixture	# of Lamps in Cross Section	Lamp Type	Reflector	Nominal Row Length	Maximum Section Length	Voltage	Ballast Type	# of Emergency Modules
7CRM1QS	1	28T5	WHR White Reflector	___FT	R4 4'	120	GEB10 <10% THD ELECTRONIC	(Blank) None
	2	54T5HO	SPR Specular Reflector	Must be in 4' increments	R8 8'	277	ACNS ¹ Advance <10% THD Program Rapid Start	ISE 1 section
	3				R12 12'		OSPS ¹ Osram <10% THD Program Rapid Start	2SE 2 sections XSE X sections
							Dimming Ballasts:	
							ADEZ ¹ Advance Mark 10 dimming	
							OSDIM ¹ Osram 0-10V dimming	
Emergency Type ^{2,3}	Switching	Lamp color	Finish	General Options	Mounting Type /	Overall Suspension	Mounting Options	
(Blank) None	SCT Single Circuit	L/LP No Lamp	C210 Standard White	DU Dust Cover	F1 T-Bar Ceiling	12 12"	ACG Adjustable Cable Grippers	
EL Emergency Battery Pack	DCT ³ Dual Circuit	LP830 3000K 80+ CRI	White	ELH EM Through wire w/ Separate Feed	(Universal Mounting Bracket)	15 15"	CP Chicago Plenum	
EC Emergency / Night Light Circuit		LP835 3500K 80+ CRI	(fine-textured low gloss)	ELS EM Through Wire w/ Single Feed	F1A T-Bar Ceiling (UMB with Integrated J-Box)	18 18"	MCS Matching feed canopy at support	
EN Emergency Battery Pack with Night Light Circuit		LP841 4100K 80+ CRI		ELS2 Normal feed w/ EM separate neutral	F2 Hard Ceiling (Horizontal J-Box)	21 21"	OJB Offset Junction Box	
				GLR Fusing (Fast blow)		24 24"		
				GMF Fusing (Slow Blow)		XX XX"		
				SCEP Sculptured End Cap				

Notes: 1 Not available with 28T5 Lamp Type. 2 EL and EC are installed in last 4' of fixture sections and are not available concurrently. Separate feed required for each EL or EC unless ELS/ELH is specified. 3 Not available with dimming.





7CRM3QS

specifications

CONSTRUCTION — Die formed cold-rolled steel housing. Flat steel end plate standard. Die-cast aluminum end cap optional.

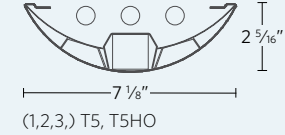
SHIELDING — Parallel white painted steel baffles. Die-punched perforations on upper housing with acrylic opal diffuser overlay.

REFLECTORS — Pre-painted white steel.

FINISH — Fine textured white polyester powder paint.

FIXTURE LENGTH — 4', 8' and 12' individual fixture sections for nominal suspension spacing of 4', 8' and 12'. Add 1/8" for each standard end cap or 4" for each optional sculptured end cap to determine total fixture length. Using internal joiners, 4', 8' and 12' sections can be joined to form longer length fixtures.

dimensions / lamping



light distribution



See Typical Application section for sample layouts.

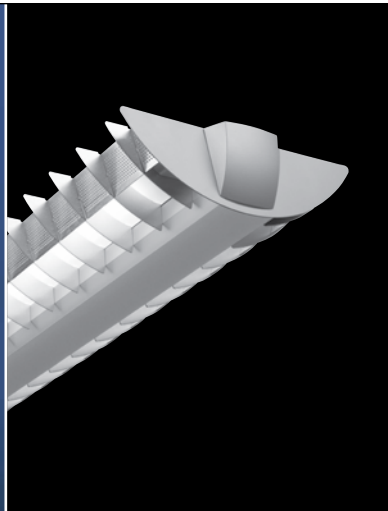
ordering logic

Sample Catalog Number: 7CRM3QS 2 54T5HO WHR 36FT R12 277 GEB10 SCT LP835 C210 F1/21

Fixture	# of Lamps in Cross Section	Lamp Type	Reflector	Nominal Row Length	Maximum Section Length	Voltage	Ballast Type	# of Emergency Modules
7CRM3QS	1 2 3	28T5 54T5HO	WHR White Reflector	___FT <i>Must be in 4' increments</i>	R4 4' R8 8' R12 12'	120 277	GEB10 <10% THD ELECTRONIC ACNS ¹ Advance <10% THD Program Rapid Start OSPS ¹ Osram <10% THD Program Rapid Start Dimming Ballasts: ADEZ ¹ Advance Mark 10 dimming OSDIM ¹ Osram 0-10V dimming	(Blank) None ISE 1 section 2SE 2 sections XSE X sections
Emergency Type ^{2,3}	Switching	Lamp color	Finish	General Options	Mounting Type /	Overall Suspension	Mounting Options	
(Blank) None	SCT Single Circuit	L/LP No Lamp	C210 Standard White	DU Dust Cover	F1 T-Bar Ceiling	12 12"	ACG Adjustable Cable Grippers	
EL Emergency Battery Pack	DCT ³ Dual Circuit	LP830 3000K 80+ CRI	White	ELH EM Through wire w/ Separate Feed	(Universal Mounting Bracket)	15 15"	CP Chicago Plenum	
EC Emergency / Night Light Circuit		LP835 3500K 80+ CRI	(fine-textured low gloss)	ELS EM Through Wire w/ Single Feed	F1A T-Bar Ceiling (UMB with Integrated J-Box)	18 18"	MCS Matching feed canopy at support	
EN Emergency Battery Pack with Night Light Circuit		LP841 4100K 80+ CRI		ELS2 Normal feed w/ EM separate neutral	F2 Hard Ceiling (Horizontal J-Box)	21 21"	OJB Offset Junction Box	
				GLR Fusing (Fast blow)		24 24"		
				GMF Fusing (Slow Blow)		XX XX"		
				SCEP Sculptured End Cap				

Notes: 1 Not available with 28T5 Lamp Type. 2 EL and EC are installed in last 4' of fixture sections and are not available concurrently. Separate feed required for each EL or EC unless ELS/ELH is specified. 3 Not available with dimming.





ICM8QS

specifications

CONSTRUCTION — Extruded aluminum spine. Aluminum baffle assembly. Steel end plate with die-cast aluminum end cap.

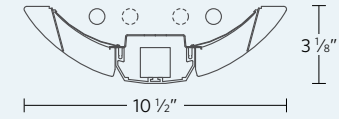
SHIELDING — Straight blade baffle with perforated side reflector/shield. Opal acrylic diffuser overlay standard with T5 or T5HO lamps, optional with T8 lamps.

REFLECTORS — Die-formed pre-painted white steel and perforated aluminum side reflector/shield.

FINISH — White polyester powder paint standard.

FIXTURE LENGTH — 4', 8' and 12' (1, 2 and 3 lamp cross section only) individual fixture sections for nominal suspension spacing of 4', 8' and 12'. Add 1" for each end cap. Using internal joiners, 4', 8' and 12' sections can be joined to form longer length fixtures.

dimensions / lamping



(1,2,3,4) T5, T5HO; (2,3,4) T8

light distribution



I/D

See Typical Application section for sample layouts.

ordering logic

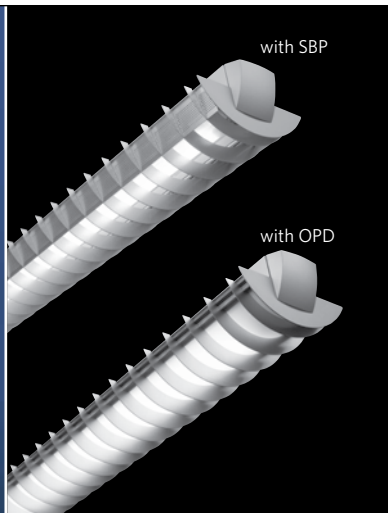
Sample Catalog Number: ICM8QS 2 28T5 24FT R12 120 GEB10 DCT LP835 C041 F2/24

Fixture	# of Lamps in Cross Section	Lamp Type	Distribution ¹	Shielding	Nominal Row Length	Maximum Section Length	Voltage	Ballast Type
ICM8QS	1	(T5/T5HO only)	(Blank) 80/20 with T5/T5HO 70/30 with T8 50/50² 50% Up, 50% Down 40/60³ 40% Up, 60% Down 30/70² 30% Up, 70% Down 5/95⁴ 5% Up, 95% Down	(Blank) No opal overlay OPD Baffle w/ Opal overlay	___FT <i>Must be in 4' increments</i>	R4 4' R8 8' R12⁵ 12'	120 277	GEB10 <10% THD ELECTRONIC ACNS⁶ Advance <10% THD Program Rapid Start OSPS Osram <10% THD Program Rapid Start OS10IS^{6,7} Osram <10% THD Instant Start Dimming Ballasts: ADEZ⁶ Advance Mark 10 dimming ADZT^{6,7} Advance Mark 7 dimming OSDIM^{6,8} Osram 0-10V dimming
	2	28T5						
	3	54T5HO						
	4	32 (T8)						

# of Emergency Modules	Emergency Type ^{9,10}	Switching	Lamp Color	Finish	General Options	Mounting Type /	Overall Suspension	Mounting Options
(Blank) None	(Blank) None	SCT Single Circuit	L/LP No Lamp	C041 Standard	DU ¹¹ Dust Cover	F1 T-Bar Ceiling (Universal Mounting Bracket)	12 12"	ACG Adjustable Cable Grippers
1SE 1 section	EL Emergency Battery Pack	DCT ¹⁰ Dual Circuit	LP830 3000K 80+ CRI	White White (low gloss)	ELH EM Through wire w/ Separate Feed	F1A T-Bar Ceiling (UMB with Integrated J-Box)	15 15"	CP Chicago Plenum
2SE 2 sections	EC Emergency / Night Light Circuit		LP835 3500K 80+ CRI		ELS EM Through Wire w/ Single Feed	F2 Hard Ceiling (Horizontal J-Box)	18 18"	MCS Matching feed canopy at support
XSE X sections			EN Emergency Battery Pack with Night Light Circuit		T8 Only: LP730 3000K 70+ CRI LP735 3500K 70+ CRI LP741 4100K 70+ CRI	ELS2 Normal feed w/ EM separate neutral	21 21"	OJB Offset Junction Box
					GLR Fusing (Fast Blow) GMF Fusing (Slow Blow)		24 24"	
							XX XX"	

Notes: 1 Not available with 1 lamp. 2 Available with 32 (T8) only. 3 Available with T5/T5HO. 4 Not available with OPD. 5 Not available with 4 lamp cross section. 6 Not available with 28T5. 7 Not available with 54T5HO. 8 Not available with 32 (T8). 9 EL and EC are installed in last 4' of fixture sections and are not available concurrently. Separate feed required for each EL or EC unless ELS/ELH is specified. 10 Not available with dimming. 11 Not available with a distribution selection.





ICDM8QS

specifications

CONSTRUCTION — Extruded aluminum spine. Formed aluminum baffle assembly. Steel end plate with die-cast aluminum end cap.

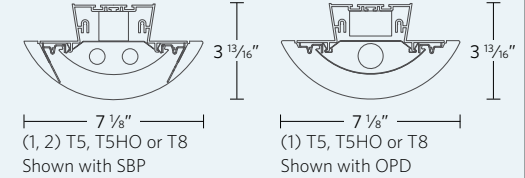
SHIELDING — Straight blade baffle with perforated side reflector/shield or opal diffuser (1 lamp cross-section only).

REFLECTORS — Die-formed pre-painted white steel and perforated aluminum side reflector/shield.

FINISH — White polyester powder paint standard.

FIXTURE LENGTH — 4', 8' and 12' individual fixture sections for nominal suspension spacing of 4', 8' and 12'. Add 1" for each end cap to determine total fixture length. Using internal joiners, 4', 8' and 12' sections can be joined to form longer length fixtures.

dimensions / lamping



light distribution



See Typical Application section for sample layouts.

ordering logic

Sample Catalog Number: ICDM8QS 1 54T5HO OPD 28FT R12 277 GEB10 SCT LP835 C041 F1/24 ACG

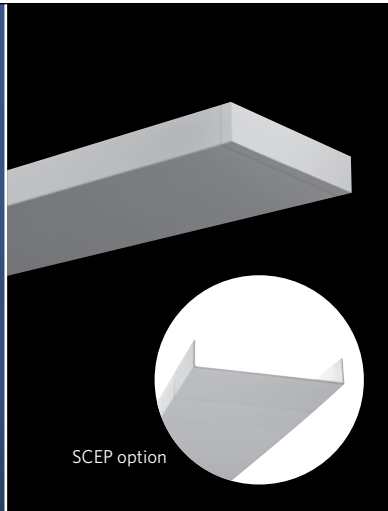
Fixture	Ceiling Type	# of Lamps in Cross Section	Lamp Type	Shielding	Nominal Row Length	Maximum Section Length	Voltage	Ballast Type
ICDM8QS	(Blank) Suspended	1	28T5	SBP Side Perforated Shield	___FT	R4 4'	120	GEB10 <10% THD ELECTRONIC ACNS2 Advance <10% THD Program Rapid Start OSPS Osram <10% THD Program Rapid Start OS10IS2,3 Osram <10% THD Instant Start Dimming Ballasts: ADEZ2 Advance Mark 10 dimming ADZT2,4 Advance Mark 7 dimming OSDIM2,4 Osram 0-10V dimming
	S Surface Mounted	2	54T5HO 32 (T8)	OPD ¹ Baffle w/ Opal overlay	Must be in 4' increments	R8 8' R12 12'	277	

# of Emergency Modules	Emergency Type ^{5,6}	Switching	Lamp color	Finish	General Options	Mounting Type /	Overall Suspension	Mounting Options
(Blank) None	(Blank) None	SCT Single Circuit	L/LP No Lamp	C041 Standard	ELH EM Through wire w/ Separate Feed	(Blank) Surface mounted	(Blank) Surface mounted	(Blank) Surface mounted
1SE 1 section	EL Emergency Battery Pack	LP830 3000K 80+ CRI	White White	(low gloss)	ELS EM Through Wire w/ Single Feed	F1 T-Bar Ceiling (Universal Mounting Bracket)	12 12"	ACG Adjustable Cable Grippers
2SE 2 sections	EC Emergency / Night Light Circuit	DCT ⁶ Dual Circuit	LP835 3500K 80+ CRI		ELS2 Normal feed w/ EM separate neutral	F1A T-Bar Ceiling (UMB with Integrated J-Box)	15 15"	CP Chicago Plenum
XSE X sections		EN Emergency Battery Pack with Night Light Circuit	T8 Only: LP730 3000K 70+ CRI LP735 3500K 70+ CRI LP741 4100K 70+ CRI		GLR Fusing (Fast blow) GMF Fusing (Slow Blow)	F2 Hard Ceiling (Horizontal J-Box)	18 18" 21 21" 24 24" XX XX"	MCS Matching feed canopy at support OJB Offset Junction Box

Notes: 1 Available with 1 lamp cross section only. 2 Not available with 28T5 Lamp Type. 3 Not available with 54T5HO Lamp Type. 4 Not available with 32 (T8).

5 EL and EC are installed in last 4' of fixture sections and are not available concurrently. Separate feed required for each EL or EC unless ELS/ELH is specified. 6 Not available with dimming.





BRM1QS

specifications

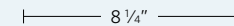
CONSTRUCTION — Die formed cold-rolled steel housing. Die-cast aluminum flat or sculptured end cap.

REFLECTORS — Die-formed specular aluminum.

FINISH — Fine textured white polyester powder paint.

FIXTURE LENGTH — 4' 3/8" and 8' individual fixture sections for nominal suspension spacing of 4' and 8'. Add 5/8" for each standard end cap or 4" for each optional sculptured end cap to determine total fixture length. Using internal joiners, 4' and 8' sections can be joined to form longer length fixtures.

dimensions / lamping



(1,2,3) T5, T5HO, or T8

light distribution



See Typical Application section for sample layouts.

ordering logic

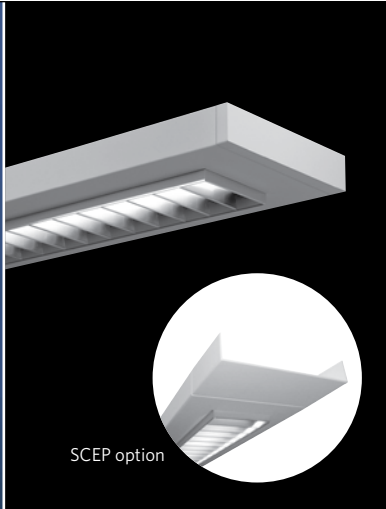
Sample Catalog Number: BRM1QS 2 28T5 SPR 24FT R8 120 GEB10 SCT LP835 C210 F1/21

Fixture	# of Lamps in Cross Section	Lamp Type	Reflector	Nominal Row Length	Maximum Section Length	Voltage	Ballast Type
BRM1QS	1 2 3	28T5 54T5HO 32 (T8)	SPR Specular Reflector	___FT <i>Must be in 4' increments</i>	R4 4' R8 8'	120 277	GEB10 <10% THD ELECTRONIC ACNS¹ Advance <10% THD Program Rapid Start OSPS¹ Osram <10% THD Program Rapid Start OS10IS^{1,2} Osram <10% THD Instant Start Dimming Ballasts: ADEZ¹ Advance Mark 10 dimming ADZT^{1,2} Advance Mark 7 dimming OSDIM^{1,3} Osram 0-10V dimming

# of Emergency Modules	Emergency Type ^{4,5}	Switching	Lamp color	Finish	General Options	Mounting Type /	Overall Suspension	Mounting Options
(Blank) None 1SE 1 section 2SE 2 sections XSE X sections	(Blank) None EL Emergency Battery Pack EC Emergency / Night Light Circuit EN Emergency Battery Pack with Night Light Circuit	SCT Single Circuit DCT ⁵ Dual Circuit	L/LP No Lamp LP830 3000K 80+ CRI LP835 3500K 80+ CRI LP841 4100K 80+ CRI T8 Only: LP730 3000K 70+ CRI LP735 3500K 70+ CRI LP741 4100K 70+ CRI	C210 Standard White White (fine-textured low gloss)	DU Dust Cover ELH EM Through wire w/ Separate Feed ELS EM Through Wire w/ Single Feed ELS2 Normal feed w/ EM separate neutral GLR Fusing (Fast blow) GMF Fusing (Slow Blow) SCEPT Sculptured End Cap	F1 T-Bar Ceiling (Universal Mounting Bracket) F1A T-Bar Ceiling (UMB with Integrated J-Box) F2 Hard Ceiling (Horizontal J-Box)	12 12" 15 15" 18 18" 21 21" 24 24" XX XX"	ACG Adjustable Cable Grippers CP Chicago Plenum MCS Matching feed canopy at support OBJ Offset Junction Box

Notes: 1 Not available with 28T5 Lamp Type. 2 Not available with 54T5HO Lamp Type. 3 Not available with 32 (T8) Lamp Type. 4 EL and EC are installed in last 4' of fixture sections and are not available concurrently. Separate feed required for each EL or EC unless ELS/ELH is specified. 5 Not available with dimming.





BRM4QS

specifications

CONSTRUCTION — Die formed cold-rolled steel housing. Die-cast aluminum flat or sculptured end cap.

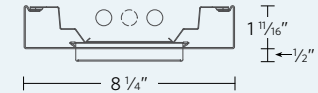
SHIELDING — Parabolic semi-specular aluminum louvers with optional Opal Diffuser (OPD) overlay.

REFLECTORS — Die-formed specular aluminum.

FINISH — Fine textured white polyester powder paint.

FIXTURE LENGTH — 4' 3/8" and 8' individual fixture sections for nominal suspension spacing of 4' and 8'. Add 5/8" for each standard end cap or 4" for each optional sculptured end cap to determine total fixture length. Using internal joiners, 4' and 8' sections can be joined to form longer length fixtures.

dimensions / lamping



(1,2,3) T5, T5HO, or T8

light distribution



See Typical Application section for sample layouts.

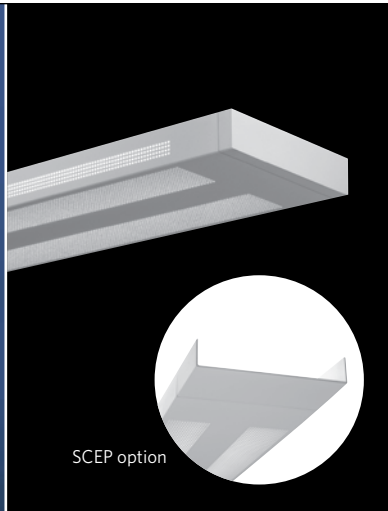
ordering logic

Sample Catalog Number: BRM4QS 2 28T5 SPR 40FT R8 277 GEB10 DCT LP835 C210 SCEP F1/18

Fixture	# of Lamps in Cross Section	Lamp Type	Distribution	Reflector	Shielding	Baffle	Nominal Row Length	Maximum Section Length	Voltage	Ballast Type
BRM4QS	1	28T5	(Blank) Standard 65/35	SPR Specular Reflector	(Blank) No opal overlay OPD Baffle w/ Opal overlay	SSB Semi Specular Baffle	___FT <i>Must be in 4' increments</i>	R4 4' R8 8'	120 277	GEB10 <10% THD ELECTRONIC
	2	54T5HO	40/60 40% Up, 60% Down							ACNS ² Advance <10% THD Program Rapid Start
	3	32 (T8)	20/80 20% Up, 80% Down 0/100 0% Up, 100% Down CLI ¹ Center Lamp Isolater							OSPS ² Osram <10% THD Program Rapid Start OS10IS ^{2,3} Osram <10% THD Instant Start
<p>Dimming Ballasts: ADEZ² Advance Mark 10 dimming ADZT^{2,3} Advance Mark 7 dimming OSDIM^{2,4} Osram 0-10V dimming</p>										
# of Emergency Modules	Emergency Type ^{5,6}	Switching	Lamp color	Finish	General Options	Mounting Type	Overall Suspension	Mounting Options		
(Blank) None	(Blank) None	SCT Single Circuit	L/LP No Lamp	C210 Standard White	DU ⁷ Dust Cover	F1 T-Bar Ceiling	12 12"	ACG Adjustable Cable Grippers		
1SE 1 section	EL Emergency Battery Pack	DCT ⁶ Dual Circuit	LP830 3000K 80+ CRI	White (fine-textured low gloss)	ELH EM Through wire w/ Separate Feed	(Universal Mounting Bracket)	15 15"	CP Chicago Plenum		
2SE 2 sections	EC Emergency / Night Light Circuit		LP835 3500K 80+ CRI		ELS EM Through Wire w/ Single Feed	F1A T-Bar Ceiling (UMB with Integrated J-Box)	21 21"	MCS Matching feed canopy at support		
XSE X sections			EN Emergency Battery Pack with Night Light Circuit		T8 Only: LP730 3000K 70+ CRI LP735 3500K 70+ CRI LP741 4100K 70+ CRI	ELS2 Normal feed w/ EM separate neutral	F2 Hard Ceiling (Horizontal J-Box)	24 24" XX XX"	OJB Offset Junction Box	
					GLR Fusing (Fast blow) GMF Fusing (Slow Blow) SCEP Sculptured End Cap					

Notes: 1 Available with 3 lamp cross section only. 2 Not available with 28T5 Lamp Type. 3 Not available with 54T5HO Lamp Type. 4 Not available with 32 (T8) Lamp Type. 5 EL and EC are installed in last 4' of fixture sections and are not available concurrently. Separate feed required for each EL or EC unless ELS/ELH is specified. 6 Not available with dimming. 7 Not available with a distribution selection.





BRM7QS

specifications

CONSTRUCTION — Die formed cold-rolled steel housing. Die-cast aluminum flat or sculptured end cap.

SHIELDING — Die-punched perforations on lower housing with acrylic opal diffuser overlay.

REFLECTORS — Die-formed specular aluminum.

FINISH — Fine textured white polyester powder paint.

FIXTURE LENGTH — 4' 3/8" and 8' individual fixture sections for nominal suspension spacing of 4' and 8'. Add 5/8" for each standard end cap or 4" for each optional sculptured end cap to determine total fixture length. Using internal joiners, 4' and 8' sections can be joined to form longer length fixtures.

dimensions / lamping



(2) T5, T5HO, or T8

light distribution



See Typical Application section for sample layouts.

ordering logic

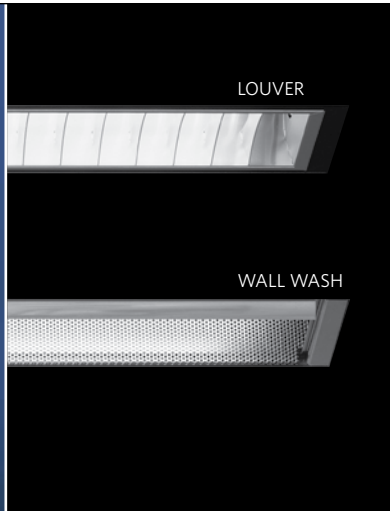
Sample Catalog Number: BRM7QS 2 28T5 SPR 24FT R8 120 GEB10 SCT LP835 C210 F1/21

Fixture	# of Lamps in Cross Section	Lamp Type	Reflector	Nominal Row Length	Maximum Section Length	Voltage	Ballast Type
BRM7QS	2	28T5 54T5HO 32 (T8)	SPR Specular Reflector	___FT <i>Must be in 4' increments</i>	R4 4' R8 8'	120 277	GEB10 <10% THD ELECTRONIC ACNS¹ Advance <10% THD Program Rapid Start OSPS¹ Osram <10% THD Program Rapid Start OS10IS^{1,2} Osram <10% THD Instant Start Dimming Ballasts: ADEZ¹ Advance Mark 10 dimming ADZT^{1,2} Advance Mark 7 dimming OSDIM^{1,3} Osram 0-10V dimming

# of Emergency Modules	Emergency Type ^{4,5}	Switching	Lamp color	Finish	General Options	Mounting Type /	Overall Suspension	Mounting Options
(Blank) None 1SE 1 section 2SE 2 sections XSE X sections	(Blank) None EL Emergency Battery Pack EC Emergency / Night Light Circuit EN Emergency Battery Pack with Night Light Circuit	SCT Single Circuit DCT ⁵ Dual Circuit	L/LP No Lamp LP830 3000K 80+ CRI LP835 3500K 80+ CRI LP841 4100K 80+ CRI T8 Only: LP730 3000K 70+ CRI LP735 3500K 70+ CRI LP741 4100K 70+ CRI	C210 Standard White White (fine-textured low gloss)	DU Dust Cover ELH EM Through wire w/ Separate Feed ELS EM Through Wire w/ Single Feed ELS2 Normal feed w/ EM separate neutral GLR Fusing (Fast blow) GMF Fusing (Slow Blow) SCEPT Sculptured End Cap	F1 T-Bar Ceiling (Universal Mounting Bracket) F1A T-Bar Ceiling (UMB with Integrated J-Box) F2 Hard Ceiling (Horizontal J-Box)	12 12" 15 15" 18 18" 21 21" 24 24" XX XX"	ACG Adjustable Cable Grippers CP Chicago Plenum MCS Matching feed canopy at support OBJ Offset Junction Box

Notes: 1 Not available with 28T5 Lamp Type. 2 Not available with 54T5HO Lamp Type. 3 Not available with 32 (T8) Lamp Type. 4 EL and EC are installed in last 4' of fixture sections and are not available concurrently. Separate feed required for each EL or EC unless ELS/ELH is specified. 5 Not available with dimming.





LSR9QS & LWR9QS

specifications

CONSTRUCTION — Die-formed pre-painted steel housing.

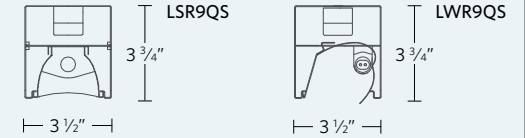
SHIELDING — Parabolic semi-specular aluminum louvers on LSR9QS.

REFLECTORS — Die-formed pre-painted white steel on LSR9QS and specular aluminum on LWR9QS.

FINISH — Black low-gloss finish.

FIXTURE LENGTH — 2' and 4' individual fixture sections.

dimensions / lamping



T5 or T5HO

light distribution



See Typical Application section for sample layouts.

ordering logic

Sample Catalog Number: LSR9QS G 1 54T5HO LDL U4 120 GEB10 LP835

Fixture	Ceiling Type	# of Lamps in Cross Section	Lamp Type	Baffle <i>(LSR9 only)</i>	Reflector <i>(LWR9 only)</i>	Maximum Section Length	Voltage	Ballast Type
LSR9QS LWR9QS	G Lay in grid	1	14T5 14W 2' T5 28T5 28W 4' T5 24T5HO 24W 2' T5HO 54T5HO 54W 4' T5HO	LDL Low Iridescent Louver	HOL Black Metal Diffuser Round Holes	U2 2' U4 4'	120 277	GEB10 <10% THD ELECTRONIC ACNS ¹ Advance <10% THD Program Rapid Start OSPS ¹ Osram <10% THD Program Rapid Start Dimming Ballasts: ADEZ ¹ Advance Mark 10 dimming OSDIM ¹ Osram 0-10V dimming
Emergency Type ^{2,3}		Lamp color	Finish	General Options				
(Blank) None EL Emergency Battery Pack	L/LP LP830 3000K 80+ CRI LP835 3500K 80+ CRI LP841 4100K 80+ CRI	C201 Black (low gloss)	CP Chicago Plenum FLNG Gyp-board flange kit GLR Fusing (Fast blow) GMF Fusing (Slow Blow)					

Notes: 1 Not available with 28T5 Lamp Type. 2 EL only available with U4. 3 Not available with dimming.



Additional Information

	Typical Applications
Fixture Options.....	17
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Wiring Details.....	20-21
Open Office.....	22
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Fixture Options

GENERAL OPTIONS

DU Clear plastic dust cover.

ELH All emergency lighting modules powered by through wire (current load permitting) to one emergency power feed located at the last support point in the fixture run. See Wiring Details for more information.

ELS All emergency and normal lighting powered at the first support/power feed in the fixture run (current load permitting). Emergency and normal share a common neutral. See Wiring Details for more information.

ELS2 All emergency and normal lighting powered at the first support/power feed in the fixture run (current load permitting). Emergency and normal power provided with separate neutrals. This option requires a separate J-Box (by others) for emergency power on "F1" grid ceiling mounts. See Wiring Details for more information.

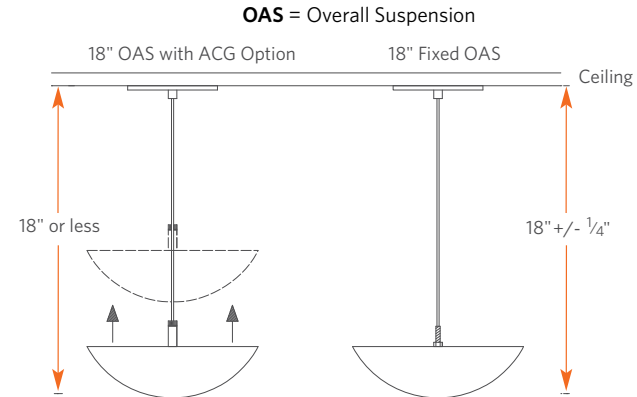
GLR Fusing (fast-blow). Electronic ballasts contain inherent electrical protection. Select GLR if code or regulation requires externally fused ballasts.

GMF Fusing (slow-blow). Electronic ballasts contain inherent electrical protection. Select GMF if code or regulation requires externally fused ballasts.

SCEP Sculptured End Cap. Please see product spec sheets for availability.

MOUNTING OPTIONS

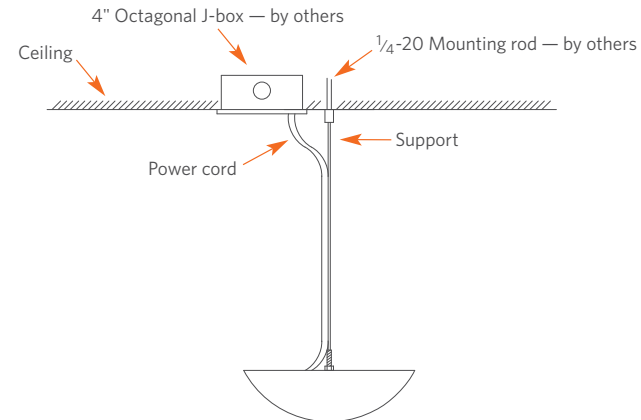
ACG Adjustable Cable Gripper. Allows you to shorten overall suspension to obtain custom lengths.



CP Chicago Plenum. Fixtures will be shipped compliant with Chicago Plenum code requirements

MCS Matching Canopy at Support. Increases the canopy diameter on support locations to match the default power feed canopy diameter. For F1 that's 3.5" in diameter and for F2 it's 5.0" in diameter.

OJB Offset J-box at support/power feed location. Our standard support/power feed kit combines the support cable and power feed cable into one connection at the ceiling. OJB option instead provides a support connection separated from the power feed cable at the ceiling, as well as two additional feet of power cable.



Mounting Hardware Details

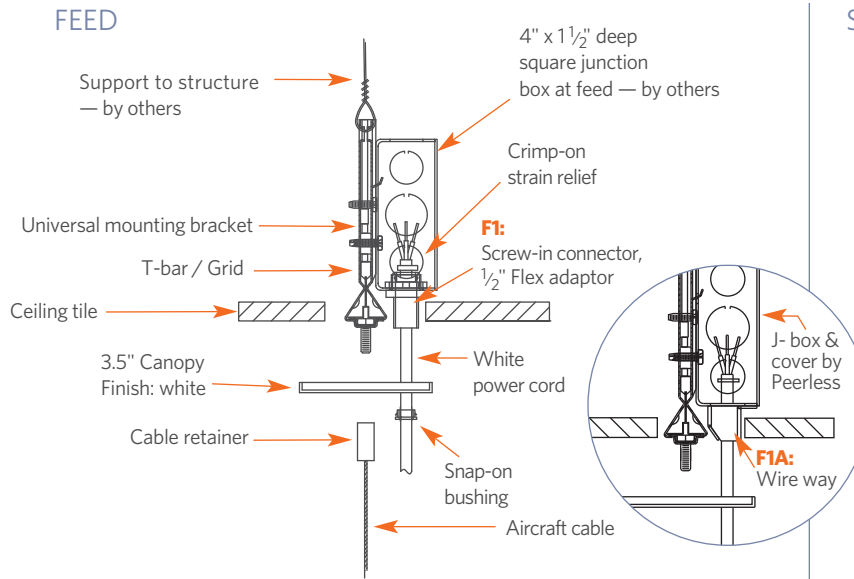
F1 and F1A Mounting Type

F1 for use with most T-bar and screw slot grid ceiling applications. Mounting designed for on-grid and off-grid installations.

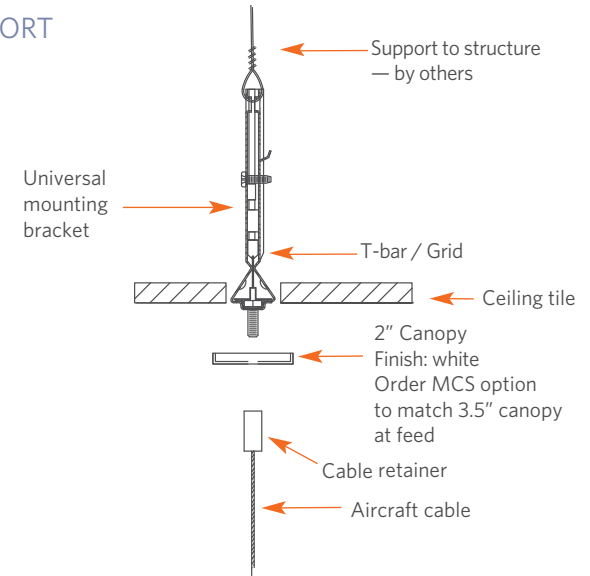
F1A for use with most T-bar and screw slot grid ceilings applications. Designed for on-grid and off-grid installations. F1A comes complete with vertical junction box with built in wire way.

F1 AND F1A MOUNTING TYPE

On-grid Mounting

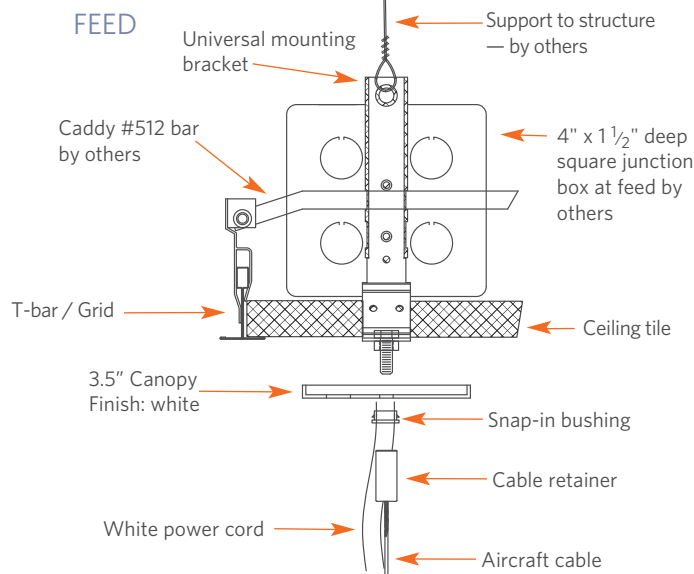


SUPPORT

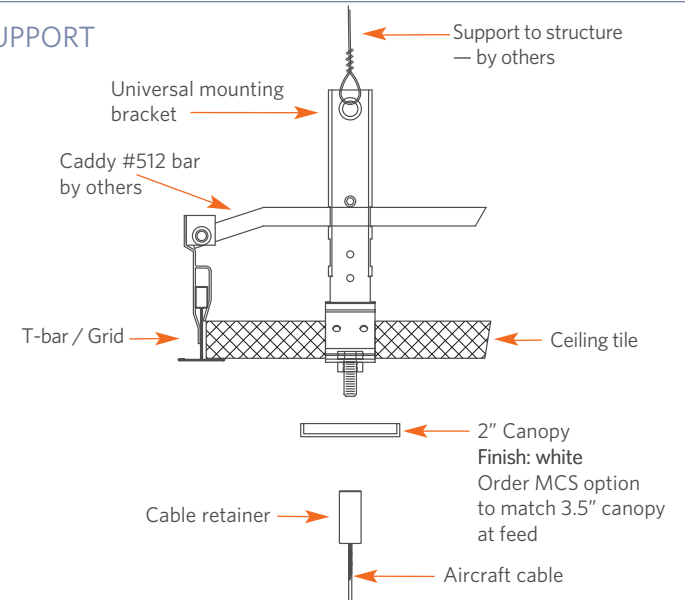


F1 AND F1A MOUNTING TYPE

Off-grid Mounting



SUPPORT



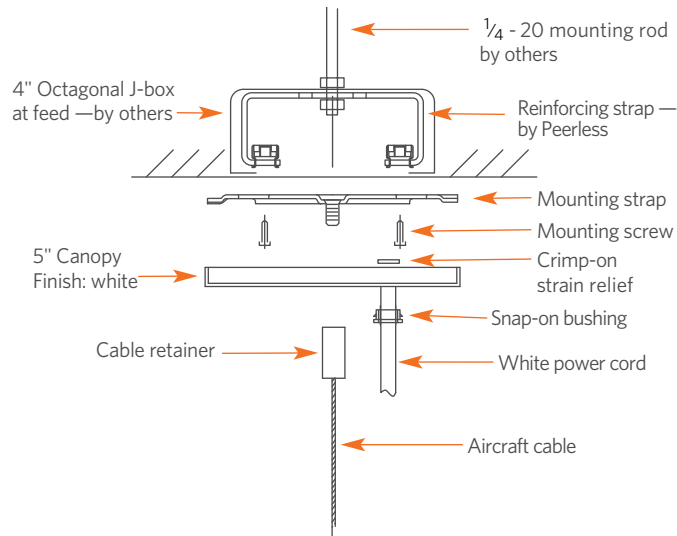
Mounting Hardware Details

F2 Mounting Type

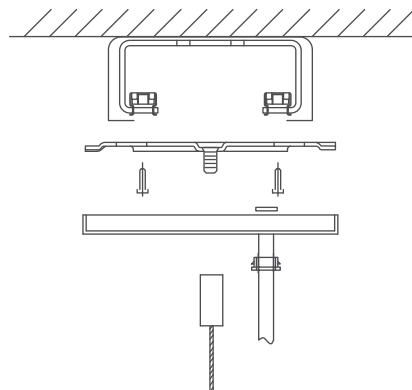
F2 for use with hard ceiling applications with recessed or surface mount horizontal j-box.

F2 MOUNTING TYPE

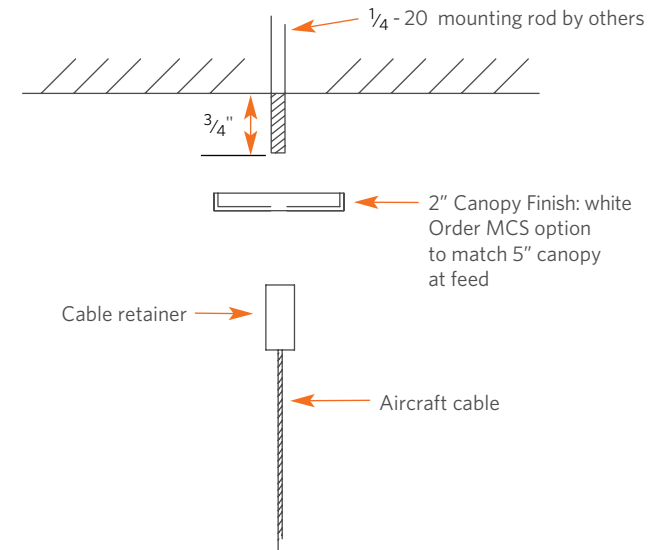
FEED (RECESSED)



FEED (SURFACE MOUNT)



SUPPORT



Wiring Details

Key

- ✕ Power Feed and Support Location
- Support Location
- ⊗ Emergency Power Feed and Support Location
- ⊗ Power Feed, Emergency Power Feed and Support Location

SWITCHING OPTIONS

SCT Single Circuit. All lamps are wired to a single circuit.

DCT Dual Circuit. Two light levels are achieved by switching separate rows of lamps in the same fixture on two independently switched circuits. Dual circuit fixtures share a common neutral.

For fixtures or runs with 2 lamps in the cross section the standard DCT circuiting is one side wired to circuit "A" and the other side wired to a circuit "B".

Two Lamps in Cross Section



The default DCT for a fixture with 3 lamps (or more) in the cross section is the row of lamps on the outside wired to a switched circuit "A" and the lamps located in the middle wired to a switched circuit "B".

Three Lamps in Cross Section



EMERGENCY LIGHTING OPTIONS

Number of Emergency Modules

1SE 1 Section. One 4FT module per run will have an Emergency Lighting option.

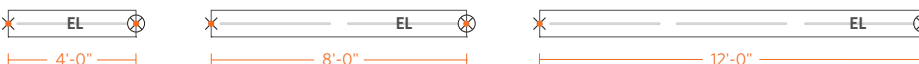
2SE 2 Sections. Two 4FT modules per run.

The standard maximum number of 4FT emergency modules is one per 4 / 8 / 12 foot fixture section.

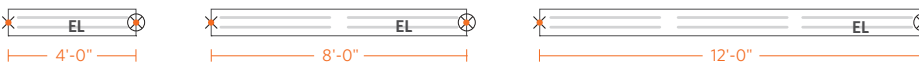
Emergency Type

EL Emergency Battery Pack. Each battery pack will be connected to one lamp unless otherwise specified.

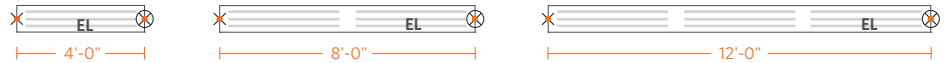
Single Lamp in Cross Section



Two Lamps in Cross Section



Three Lamps in Cross Section

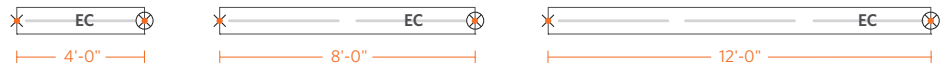


LUMEN OUTPUT PER 1-LAMP EMERGENCY BATTERY PACK

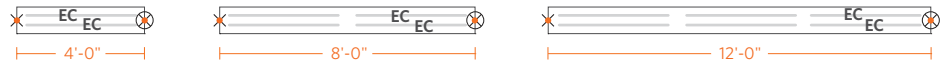
Lamp Type	32W T8	28W T5	54W T5HO
Lumens	700	800	825

EC Emergency Circuit. Each emergency/night light circuit will be connected to a single lamp when only one lamp is in the cross section. When two or more lamps are in the cross section the two most outer lamps will be connected to emergency circuit.

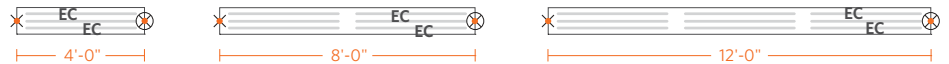
Single Lamp in Cross Section



Two Lamps in Cross Section



Three Lamps in Cross Section



EN Emergency Battery Pack with emergency/night light circuit. The same lamp connections apply as emergency circuit, but when only battery power is available then the lamp connections stated for emergency battery pack apply.

Single Lamp in Cross Section



Two Lamps in Cross Section



Three Lamps in Cross Section



Wiring Details

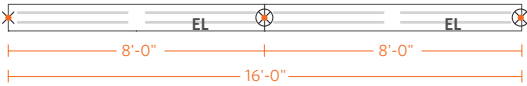
Key

- ✕ Power Feed and Support Location
- Support Location
- ⊗ Emergency Power Feed and Support Location
- ⊗ Power Feed, Emergency Power Feed and Support Location

EMERGENCY WIRING OPTIONS

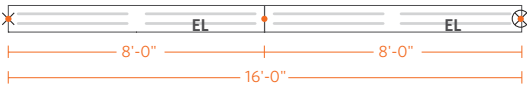
(No option) Each emergency lighting section is powered at the support point that follows it.

With Emergency Battery Pack



ELH Current load permitting, all emergency lighting modules are powered by through wire to one emergency power feed located at the last support point in the fixture run.

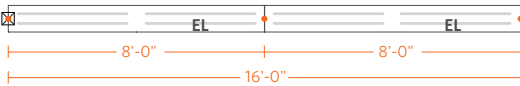
With Emergency Battery Pack



ELS Current load permitting, all emergency lighting modules are powered by a continuous through wire to one emergency power feed location. The emergency lighting power feed is located at the first support point in the fixture run, often combined within the normal power feed cable sharing a common neutral. Check local electrical code for compliance.

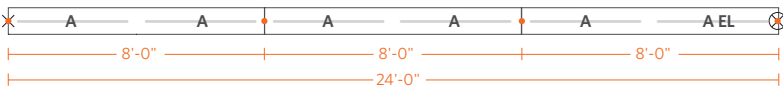
ELS2 Same concept as ELS, with the addition of a separate neutral. This option sometimes requires a separate J-box for emergency power with "F1" grid ceiling mounts.

ELS/ELS2 With Emergency Battery Pack

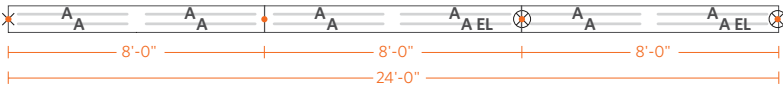


EXAMPLE RUNS

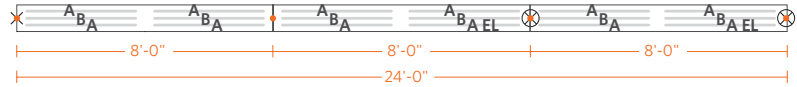
With Emergency Battery Pack



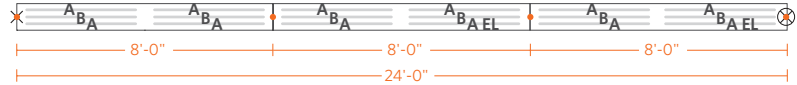
2 Lamp Cross Section, Single Circuit with Two Emergency Battery Packs



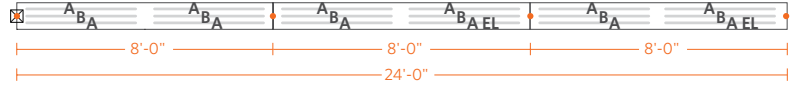
3 Lamp Cross Section, Dual Circuit with Two Emergency Battery Packs



3 Lamp Cross Section, Dual Circuit with Two Emergency Battery Packs and ELH Option



3 Lamp Cross Section, Dual Circuit with Two Emergency Battery Packs and ELS Option



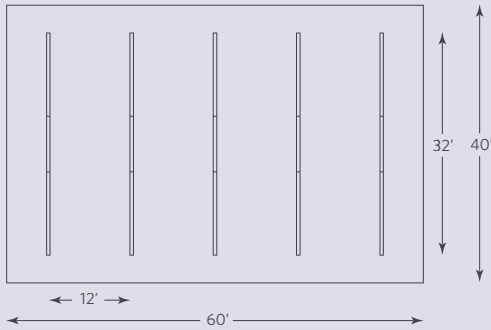
MAXIMUM RUN DISTANCE PER POWER FEED

		Lamp Type	120V	277V	347V
Lamps in Cross Section	1	T5HO	56'	124'	160'
	2	T5HO	28'	64'	80'
	3	T5HO	16'	40'	52'
	4	T5HO	12'	32'	40'
Lamps in Cross Section	1	T5 and T8	104'	240'	292'
	2	T5 and T8	52'	120'	148'
	3	T5 and T8	36'	80'	96'
	4	T5 and T8	24'	60'	72'

Assumptions: Single circuit, no emergency lighting option, T8 .88 BF ballast and T5/T5HO 1.0 BF ballast. Consult factory for other scenarios.

Application

Open Office



Calculations based on:

- 60' x 40' x 9' area
- (5) 32' rows
- 80/50/20 ceiling/walls/floor reflectance
- 12' on center spacing
- 18" overall suspension

For specific application questions, please email techsupport@peerless-lighting.com or call 510.845.2760



T8 LAMPS

	2.5' Work Plane		Ceiling Uniformity (max:min)
	Average Illuminance	Uniformity (max:min)	
BRM1QS-2-32	40 fc	3.1:1	11.5:1
BRM4QS-2-32	49 fc	5.0:1	8.2:1
BRM7QS-2-32	38 fc	3.5:1	11.7:1
10CRM1QS-2-32	35 fc	3.5:1	10.7:1
10CRM3QS-2-32	47 fc	3.7:1	9.3:1
10CRM4QS-2-32	47 fc	4.5:1	9.4:1
10CRM7QS-2-32	37 fc	3.3:1	10.3:1
ICM8QS-2-32	48 fc	4.2:1	7.7:1
ICDM8QS-2-32	46 fc	6.3:1	1.3:1

Notes about T8 lamping calculations:

- 0.69 LLF (light loss factor) includes:**
- 0.95 LLD (lamp lumen depreciation)
 - 0.95 LDD (luminaire dirt depreciation)
 - 0.94 RSDD (room surface dirt depreciation)
 - 0.88 BF (ballast factor)
- 2850 lumen lamps
1.0 watt per square foot
60 total input watts

T5 LAMPS

	2.5' Work Plane		Ceiling Uniformity (max:min)
	Average Illuminance	Uniformity (max:min)	
BRM1QS-2-28T5	49 fc	3.3:1	7.5:1
BRM4QS-2-28T5	59 fc	4.4:1	5.6:1
BRM7QS-2-28T5	46 fc	3.3:1	10.3:1
7CRM1QS-2-28T5	48 fc	3.3:1	10.3:1
7CRM3QS-2-28T5	55 fc	3.5:1	8.9:1
7CRM7QS-2-28T5	49 fc	3.4:1	9.1:1
10CRM3QS-2-28T5	53 fc	3.7:1	8.8:1
10CRM4QS-2-28T5	57 fc	4.4:1	8.0:1
ICM8QS-2-28T5-OPD	47 fc	3.8:1	8.1:1
ICDM8QS-2-28T5-SBP	59 fc	6.2:1	1.3:1

Notes about T5 lamping calculations:

- 0.79 LLF (light loss factor) includes:**
- 0.95 LLD (lamp lumen depreciation)
 - 0.88 LDD (luminaire dirt depreciation)
 - 0.94 RSDD (room surface dirt depreciation)
 - 1.0 BF (ballast factor)
- 2900 lumen lamps
1.1 watts per square foot
65 input watts per (2) 28W T5 ballast

T5HO LAMPS

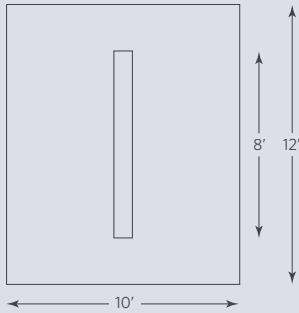
	2.5' Work Plane		Ceiling Uniformity (max:min)
	Average Illuminance	Uniformity (max:min)	
BRM1QS-1-54T5HO	43 fc	3.4:1	4.0:1
BRM4QS-1-54T5HO	47 fc	3.9:1	5.3:1
7CRM1QS-1-54T5HO	41 fc	3.3:1	9.6:1
7CRM3QS-1-54T5HO	47 fc	3.2:1	7.7:1
7CRM7QS-1-54T5HO	44 fc	3.3:1	8.5:1
10CRM3QS-1-54T5HO	45 fc	3.2:1	8.4:1
10CRM4QS-1-54T5HO	50 fc	3.3:1	6.1:1
ICM8QS-1-54T5HO-OPD	45 fc	3.3:1	5.0:1
ICDM8QS-1-54T5HO-OPD	50 fc	5.7:1	1.4:1

Notes about T5HO lamping calculations:

- 0.79 LLF (light loss factor) includes:**
- 0.95 LLD (lamp lumen depreciation)
 - 0.88 LDD (luminaire dirt depreciation)
 - 0.94 RSDD (room surface dirt depreciation)
 - 1.0 BF (ballast factor)
- 5000 lumen lamps
1.0 watt per square foot
61 total input watts

Application

Private Office or Conference Room



Calculations based on:

- 10' x 12' x 9' area
- 8' luminaire
- 80/50/20 ceiling/walls/floor reflectance
- 18" overall suspension

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T8 LAMPS

	2.5' Work Plane		
	Average Illuminance	Maximum Illuminance	Uniformity (max:min)
BRM1QS-3-32	29 fc	39 fc	1.5:1
BRM4QS-3-32	37 fc	62 fc	2.8:1
BRM7QS-2-32	BRM1QS, BRM4QS or T5HO lamping recommended		
10CRM1QS-3-32	30 fc	36 fc	1.4:1
10CRM3QS-3-32	39 fc	53 fc	1.8:1
10CRM4QS-3-32	35 fc	57 fc	2.7:1
10CRM7QS-3-32	32 fc	39 fc	1.5:1
ICM8QS-3-32	29 fc	46 fc	2.4:1
ICDM8QS-2-32-SBP	33 fc	57 fc	3.2:1

Notes about T8 lamping calculations:
0.69 LLF (light loss factor) includes:
 0.95 LLD (lamp lumen depreciation)
 0.95 LDD (luminaire dirt depreciation)
 0.94 RSDD (room surface dirt depreciation)
 0.88 BF (ballast factor)
 2850 lumen lamps

(2) T8 lamps:
 1.0 watts per square foot
 60 total input watts

(3) T8 lamps:
 1.5 watts per square foot
 90 total input watts

T5 LAMPS

	2.5' Work Plane		
	Average Illuminance	Maximum Illuminance	Uniformity (max:min)
BRM1QS-3-28T5	36 fc	43 fc	1.4:1
BRM4QS-2-28T5	36 fc	56 fc	2.3:1
BRM7QS-2-28T5	BRM1QS, BRM4QS or T5HO lamping recommended		
7CRM1QS-3-28T5	36 fc	42 fc	1.4:1
7CRM3QS-2-28T5	29 fc	39 fc	1.7:1
7CRM7QS-3-28T5	38 fc	45 fc	1.4:1
10CRM3QS-2-28T5	29 fc	39 fc	1.7:1
10CRM4QS-2-28T5	31 fc	45 fc	2.5:1
ICM8QS-3-28T5	45 fc	61 fc	1.8:1
ICDM8QS-2-28T5-SBP	42 fc	70 fc	3.0:1

Notes about T5 lamping calculations:
0.79 LLF (light loss factor) includes:
 0.95 LLD (lamp lumen depreciation)
 0.88 LDD (luminaire dirt depreciation)
 0.94 RSDD (room surface dirt depreciation)
 1.0 BF (ballast factor)
 2900 lumen lamps

(2) T5 lamps:
 1.1 watts per square foot
 65 total input watts

(3) T5 lamps:
 1.6 watts per square foot
 97 total input watts

T5HO LAMPS

	2.5' Work Plane		
	Average Illuminance	Maximum Illuminance	Uniformity (max:min)
BRM1QS-2-54T5HO	43 fc	52 fc	1.4:1
BRM4QS-1-54T5HO	32 fc	49 fc	2.3:1
BRM7QS-2-54T5HO	42 fc	50 fc	1.4:1
7CRM1QS-2-54T5HO	42 fc	48 fc	1.3:1
7CRM3QS-2-54T5HO	51 fc	67 fc	1.7:1
7CRM7QS-2-54T5HO	43 fc	52 fc	1.4:1
10CRM3QS-2-54T5HO	50 fc	67 fc	1.7:1
10CRM4QS-1-54T5HO	33 fc	44 fc	1.9:1
ICM8QS-2-54T5HO-OPD	48 fc	68 fc	1.9:1
ICDM8QS-1-54T5HO-OPD	34 fc	60 fc	3.3:1

Notes about T5HO lamping calculations:
0.79 LLF (light loss factor) includes:
 0.95 LLD (lamp lumen depreciation)
 0.88 LDD (luminaire dirt depreciation)
 0.94 RSDD (room surface dirt depreciation)
 1.0 BF (ballast factor)
 5000 lumen lamps

(1) T5HO lamps:
 1.0 watt per square foot
 61 total input watts

(2) T5HO lamps:
 2.0 watts per square foot
 121 total input watts

Application

Wall Wash

For specific application questions, please email
techsupport@peerless-lighting.com or call 510.845.2760



LWR9QS 2'

	Ceiling Height				
	8'	9'	10'	11'	12'
Average Illuminance	19 fc	16 fc	16 fc	13 fc	14 fc
Max Wall Illuminance	31 fc	31 fc	31 fc	31 fc	30 fc
Min Wall Illuminance	8 fc	7 fc	5 fc	4 fc	4 fc
Uniformity (max:min)	3.9:1	4.4:1	6.2:1	7.8:1	7.5:1

Multiply illuminance by 1.48 for 24W T5HO (2000 lumen) lamps

LWR9QS 4'

	Ceiling Height				
	8'	9'	10'	11'	12'
Average Illuminance	44 fc	37 fc	37 fc	31 fc	32 fc
Max Wall Illuminance	72 fc	71 fc	72 fc	71 fc	70 fc
Min Wall Illuminance	19 fc	15 fc	12 fc	10 fc	8 fc
Uniformity (max:min)	3.8:1	4.7:1	6.1:1	7.1:1	4.0:1

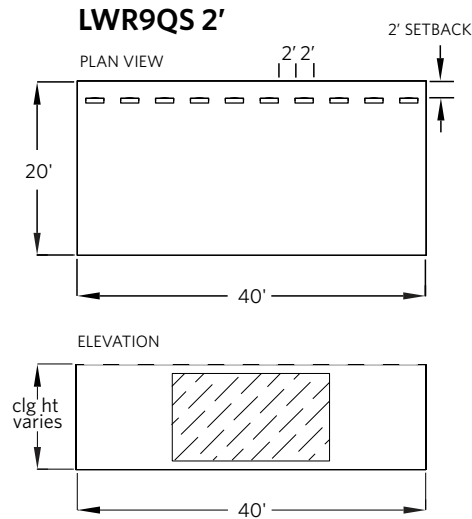
Multiply illuminance by 1.72 for 54W T5HO (5000 lumen) lamps

Notes about T5 lamping calculations:

0.84 LLF (light loss factor) includes:
 0.95 LLD (lamp lumen depreciation)
 0.90 LDD (luminaire dirt depreciation)
 0.98 RSDD (room surface dirt depreciation)
 1.0 BF (ballast factor)
 16 input watts per (1) 14W T5 ballast
 1350 lumen lamps

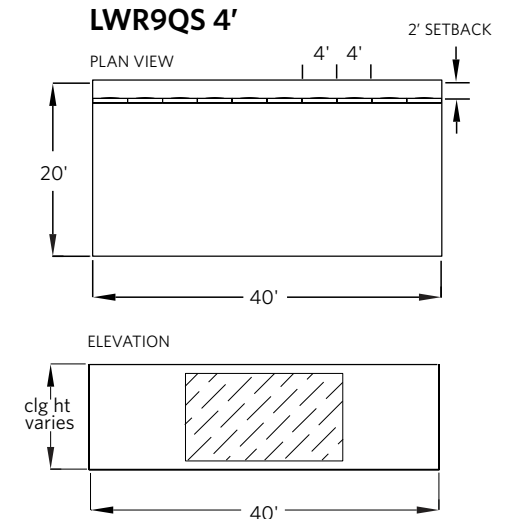
Notes about T5 lamping calculations:

0.84 LLF (light loss factor) includes:
 0.95 LLD (lamp lumen depreciation)
 0.90 LDD (luminaire dirt depreciation)
 0.98 RSDD (room surface dirt depreciation)
 1.0 BF (ballast factor)
 32 input watts per (1) 28W T5 ballast
 2900 lumen lamps



Calculations based on:

- 40' wide wall
- (10) 2' luminaires with 4' on center spacing
- 14W T5 lamps
- 80/50/20 ceiling/walls/ floor reflectance



Calculations based on:

- 40' wide wall
- (10) 4' luminaires with 4' on center spacing
- 28W T5 lamps
- 80/50/20 ceiling/walls/ floor reflectance



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