

FALCON SQUARE - MODEL: TL65S

W Track Luminaires

WAC

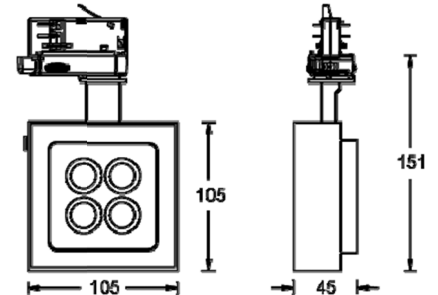
PROJECT:

TYPE:

Product Image



Line Drawing



Product Description

The FALCON Square series LED track spotlights are suitable for W three circuit tracks, with a slim and three-dimensional structure. They use WAC's leading SUBROSA hidden light technology and have a 35 ° anti glare angle, achieving the ultimate anti glare effect; The lamp is equipped with high-quality LED constant current appliances, and advanced wireless dimming control functions can be selected. At the same time, it provides a variety of different light distribution forms and can be equipped with various optical accessories to meet the needs of different application environments, widely used in museums, art galleries, science museums and other places.

Product Features

- Body Material: Die-cast aluminum body, PC optical
- Optical System: Lens+ SUBOROSA optical system
- Finish: Electrostatically powder coated White, Black
- Adjustable Angle: 355° horizontal aiming and 90° vertical aiming
- Accessories: Up to three optical accessories, Each type of accessory can only be equipped with one at a time at most
- Certification: CCC
- IP Rating: IP20
- Insulation Level: Class I
- Operating Temperature: -20°C~40°C

Product Specifications

- LED Type: HP LED
- Source Power: 3W, 8W, or 12W optional
- Source Lm: 3000K: 250lm(3W) / 700lm(8W) / 875lm(12W)
4000K: 265lm(3W) / 740lm(8W) / 925lm(12W)
- LED Lifetime: >50000h-L70 /B10-Ta25°C(LM-80/TM-21)
- CCT/CRI: 3000K/4000K; Ra90 and Ra97 are optional
- SDCM: 3 SDCM
- Input: 220V~240V AC / 50Hz
- Dimming: Knob dimming (range 10%~100%), wireless dimming (requires WAC system), DALI, 0-10V, and knob two in one dimming (must be matched and tested with the project site in advance)
- Net Weight: 0.6Kg without packing

Order Model

Model	LED	Dimming	Beam	CRI	CCT	Finish
TL65S FALCON SQUARE	LD03 LED 3W	O On-boarding D 0-10V&On-boarding B Wireless A DALI	V 4°	9 90 A 97	30 3000K 40 4000K	WT White BK Black
	LD08 LED 8W		S 7°			
	LD12 LED 12W		1 14°			
			2 20°			
			3 30°			
			4 40°			
			G 20*55°			

WAC Lighting
www.waclighting.com (US)
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WAC Lighting reserves the right to periodically design and update products.2024-01-19

FALCON SQUARE - MODEL: TL65S

W Track Luminaires



PROJECT:








TYPE:

			E	10*30°		
TL65S	LD08	O	2	9	30	WT

Example: TL65SLD08-O-2930WT

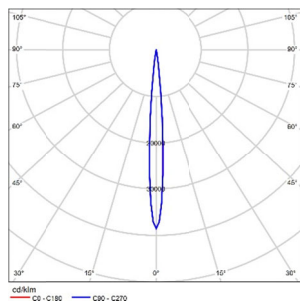
Note: When the light emitting surface of the lamp is parallel to the illuminated surface, 20 * 55 ° and 10 * 30 ° represent horizontally stretched light spots

Accessory

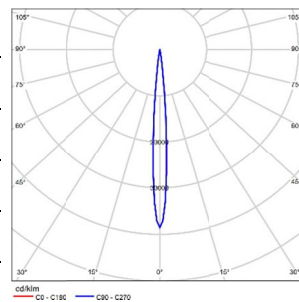
Class I accessories	LENS-TL65S-“typ.” Optical lens (t=3mm) 	Model annotation: "Typ." represents: various angle beam diffusion lenses "10D/20D/30D/40D/55D" or stretching lenses "0160D"; Example: LENS-TL65S-10D			
	LENS-TL65S-FR Frosted glass lenses 	LENS-TL65S-BSL Soft glass lenses 	LENS-TL65S-BEL Stretch glass lenses 	LENS-TL65S-HCM Honey Comb Louver 	
Class II accessories	LENS-TL65S-WW Wall washing components 				
Class III accessories	LENS-TL65-BD Barndoor 				

Note: Up to three optical accessories can be added, and each type of accessory can only be added one at a time; Please consult WAC for the beam angle after adding the dimming lens

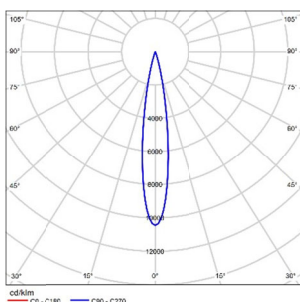
LIGHT DISTRIBUTION@3000K LUMINAIRE DATA



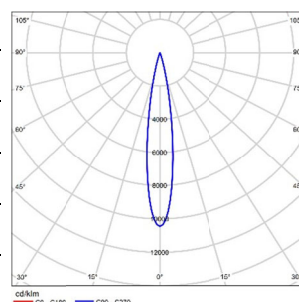
MODEL: TL65SLD08-O-S930
BEAM ANGLE: 7°
POWER: 10W
LUMENS: 271lm
CBCP: 10443cd
EFFICACY: 27lm/W



MODEL: TL65SLD12-O-S930
BEAM ANGLE: 7°
POWER: 16W
LUMENS: 380lm
CBCP: 14621cd
EFFICACY: 24lm/W



MODEL: TL65SLD08-O-1930
BEAM ANGLE: 14°
POWER: 10W
LUMENS: 433lm
CBCP: 4519cd
EFFICACY: 43lm/W



MODEL: TL65SLD12-O-1930
BEAM ANGLE: 14°
POWER: 16W
LUMENS: 606lm
CBCP: 6327cd
EFFICACY: 38lm/W

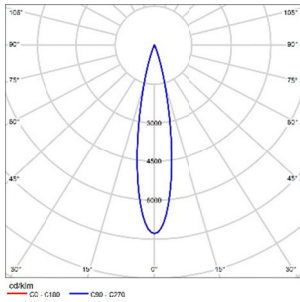
FALCON SQUARE - MODEL: TL65S

W Track Luminaires

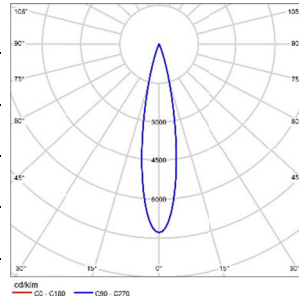
WAC

PROJECT:

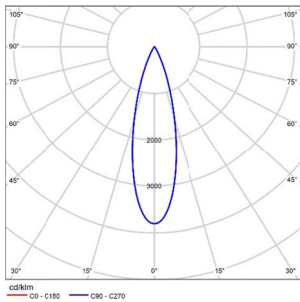
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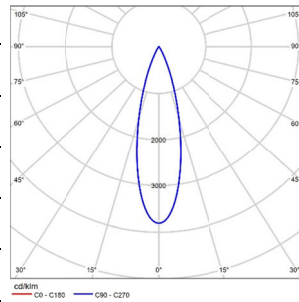
MODEL: TL65SLD08-O-2930
BEAM ANGLE: 20°
POWER: 10W
LUMENS: 577lm
CBCP: 4201cd
EFFICACY: 58lm/W



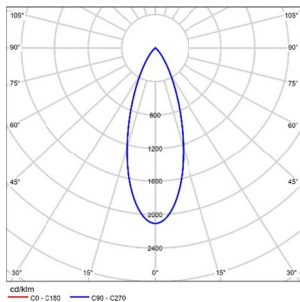
MODEL: TL65SLD12-O-2930
BEAM ANGLE: 20°
POWER: 16W
LUMENS: 808lm
CBCP: 5881cd
EFFICACY: 51lm/W



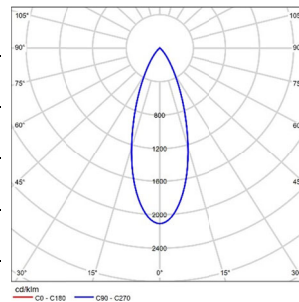
MODEL: TL65SLD08-O-3930
BEAM ANGLE: 30°
POWER: 10W
LUMENS: 569lm
CBCP: 2169cd
EFFICACY: 57lm/W



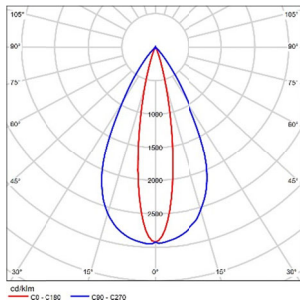
MODEL: TL65SLD12-O-3930
BEAM ANGLE: 30°
POWER: 16W
LUMENS: 797lm
CBCP: 3036cd
EFFICACY: 50lm/W



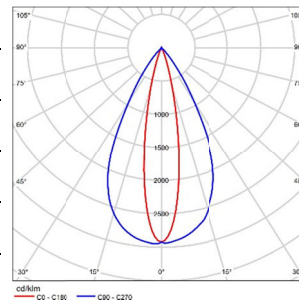
MODEL: TL65SLD08-O-4930
BEAM ANGLE: 40°
POWER: 10W
LUMENS: 564lm
CBCP: 1187cd
EFFICACY: 56lm/W



MODEL: TL65SLD12-O-4930
BEAM ANGLE: 40°
POWER: 16W
LUMENS: 508lm
CBCP: 11501cd
EFFICACY: 51lm/W



MODEL: TL65SLD08-O-G930
BEAM ANGLE: 20*55°
POWER: 10W
LUMENS: 500lm
CBCP: 1461cd
EFFICACY: 50lm/W



MODEL: TL65SLD12-O-G930
BEAM ANGLE: 20*55°
POWER: 16W
LUMENS: 789lm
CBCP: 1662cd
EFFICACY: 49lm/W

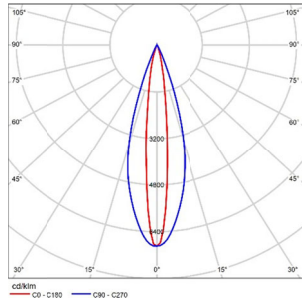
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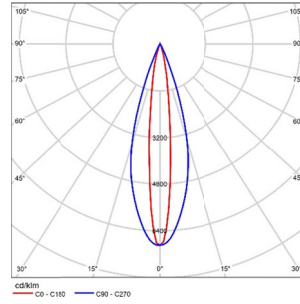
WAC

PROJECT:

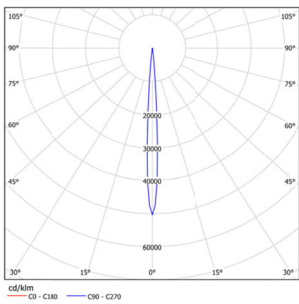
TYPE:



MODEL: TL65SLD08-O-E930
BEAM ANGLE: 10*30°
POWER: 10W
LUMENS: 579lm
CBCP: 5064cd
EFFICACY: 58lm/W



MODEL: TL65SLD12-O-E930
BEAM ANGLE: 10*30°
POWER: 16W
LUMENS: 811lm
CBCP: 7590cd
EFFICACY: 51lm/W



MODEL: TL65SLD03-O-V930
BEAM ANGLE: 4°
POWER: 4W
LUMENS: 149lm
CBCP: 9901cd
EFFICACY: 37lm/W

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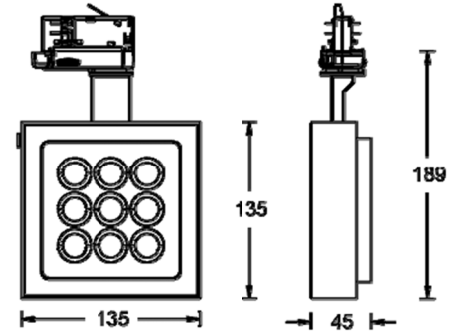
WAC

PROJECT:

TYPE:



Line Drawing



Product Description

The FALCON Square series LED track spotlights are suitable for W three circuit tracks, with a slim and three-dimensional structure. They use WAC's leading SUBROSA hidden light technology and have a 35 ° anti glare angle, achieving the ultimate anti glare effect; The lamp is equipped with high-quality LED constant current appliances, and advanced wireless dimming control functions can be selected. At the same time, it provides a variety of different light distribution forms and can be equipped with various optical accessories to meet the needs of different application environments, widely used in museums, art galleries, science museums and other places.

Product Features

- Body Material: Die-cast aluminum body, PC optical
- Optical System: Lens+ SUBOROSA optical system
- Finish: Electrostatically powder coated White, Black
- Adjustable Angle: 355° horizontal aiming and 90° vertical aiming
- Accessories: Up to three optical accessories, Each type of accessory can only be equipped with one at a time at most
- Certification: CCC
- IP Rating: IP20
- Insulation Level: Class I
- Operating Temperature: -20°C~40°C

Product Specifications

- LED Type: HP LED
- Source Power: 12W, 18W, or 27W optional
- Source Lm: 3000K : 1000lm(12W) /1575lm(18W) / 2125lm(27W)
4000K : 1060lm(12W) / 1665lm(18W) / 2245lm(27W)
- LED Lifetime: >50000h-L70 /B10-Ta25°C(LM-80/TM-21)
- CCT/CRI: 3000K/4000K; Ra90 and Ra97 are optional
- SDCM: 3 SDCM
- Input: 220V~240V AC / 50Hz
- Dimming: Knob dimming (range 10%~100%), wireless dimming (requires WAC system), DALI, 0-10V, and knob two in one dimming (must be matched and tested with the project site in advance)
- Net Weight: 0.9Kg without packing

Order Model

Model	LED	Dimming	Beam	CRI	CCT	Finish
TL66S FALCON SQUARE	LD12 LED 12W	O On-boarding D 0-10V&On-boarding B Wireless A DALI	V 4°	9 90 A 97	30 3000K 40 4000K	WT White BK Black
	LD18 LED 18W		S 7°			
	LD27 LED 27W		1 14°			
			2 20°			
			3 30°			
			4 40°			

WAC Lighting
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FALCON SQUARE - MODEL: TL66S

W Track Luminaires



PROJECT:

TYPE:

			G 20*55°			
			E 10*30°			
TL66S	LD18	O	2	9	30	WT

Example: TL66SLD18-O-2930WT

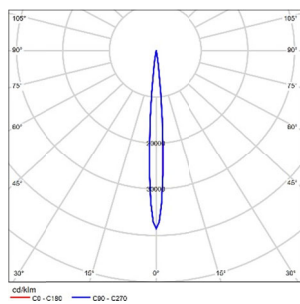
Note: When the light emitting surface of the lamp is parallel to the illuminated surface, 20 * 55 ° and 10 * 30 ° represent horizontally stretched light spots

Accessory

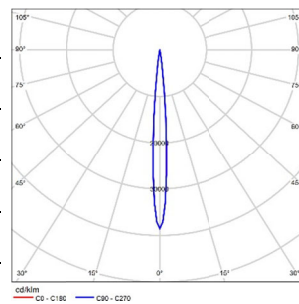
Class I accessories	LENS-TL66S-“typ.” Optical lens (t=3mm)	Model annotation: "Typ." represents: various angle beam diffusion lenses "10D/20D/30D/40D/55D" or stretching lenses "0160D"; Example: LENS-TL66S-10D			
	LENS-TL66S-FR Frosted glass lenses	LENS-TL66S-BSL Soft glass lenses	LENS-TL66S-BEL Stretch glass lenses	LENS-TL66S-HCM Honey Comb Louver	
Class II accessories	LENS-TL66S-WW Wall washing components				
Class III accessories	LENS-TL66-BD Barndoor				

Note: Up to three optical accessories can be added, and each type of accessory can only be added one at a time; Please consult WAC for the beam angle after adding the dimming lens

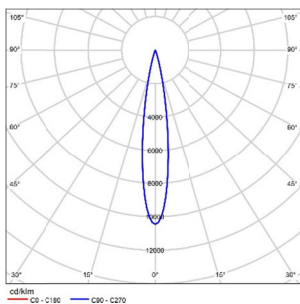
LIGHT DISTRIBUTION@3000K LUMINAIRE DATA



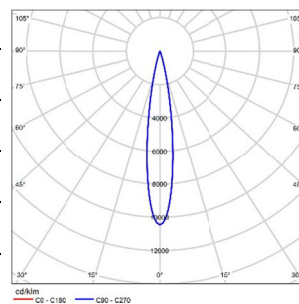
MODEL: TL66SLD18-O-S930
BEAM ANGLE: 7°
POWER: 21W
LUMENS: 574lm
CBCP: 19507cd
EFFICACY: 27lm/W



MODEL: TL66SLD27-O-S930
BEAM ANGLE: 7°
POWER: 31W
LUMENS: 803lm
CBCP: 27310cd
EFFICACY: 26lm/W



MODEL: TL66SLD18-O-1930
BEAM ANGLE: 14°
POWER: 21W
LUMENS: 887lm
CBCP: 8720cd
EFFICACY: 42lm/W



MODEL: TL66SLD27-O-1930
BEAM ANGLE: 14°
POWER: 31W
LUMENS: 1242lm
CBCP: 12208cd
EFFICACY: 40lm/W

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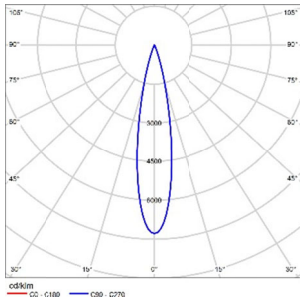
FALCON SQUARE - MODEL: TL66S

W Track Luminaires

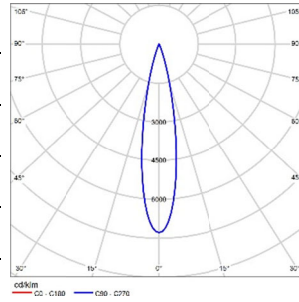
WAC

PROJECT:

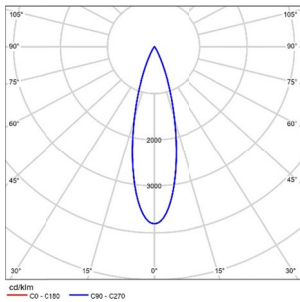
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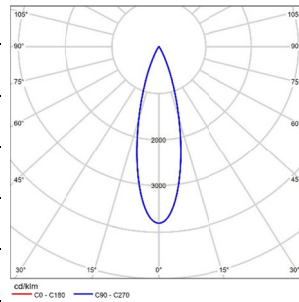
MODEL: TL66SLD18-O-2930
BEAM ANGLE: 20°
POWER: 21W
LUMENS: 1175lm
CBCP: 8066cd
EFFICACY: 56lm/W



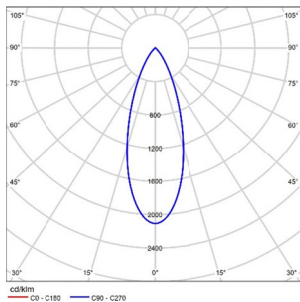
MODEL: TL66SLD27-O-2930
BEAM ANGLE: 20°
POWER: 31W
LUMENS: 1644lm
CBCP: 11292cd
EFFICACY: 53lm/W



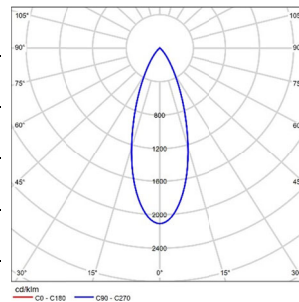
MODEL: TL66SLD18-O-3930
BEAM ANGLE: 30°
POWER: 21W
LUMENS: 1058lm
CBCP: 3879cd
EFFICACY: 50lm/W



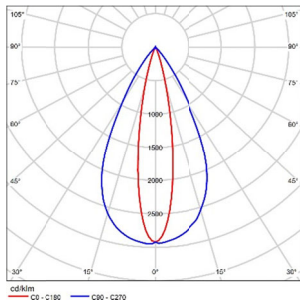
MODEL: TL66SLD27-O-3930
BEAM ANGLE: 30°
POWER: 31W
LUMENS: 1481lm
CBCP: 5431cd
EFFICACY: 48lm/W



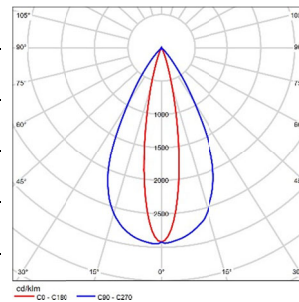
MODEL: TL66SLD18-O-4930
BEAM ANGLE: 40°
POWER: 21W
LUMENS: 908lm
CBCP: 2488cd
EFFICACY: 43lm/W



MODEL: TL66SLD27-O-4930
BEAM ANGLE: 40°
POWER: 31W
LUMENS: 1271lm
CBCP: 3484cd
EFFICACY: 41lm/W



MODEL: TL66SLD18-O-G930
BEAM ANGLE: 20*55°
POWER: 21W
LUMENS: 971lm
CBCP: 3066cd
EFFICACY: 46lm/W



MODEL: TL66SLD27-O-G930
BEAM ANGLE: 20*55°
POWER: 31W
LUMENS: 1357lm
CBCP: 4286cd
EFFICACY: 44lm/W

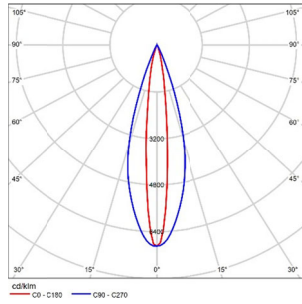
FALCON SQUARE - MODEL: TL66S

W Track Luminaires

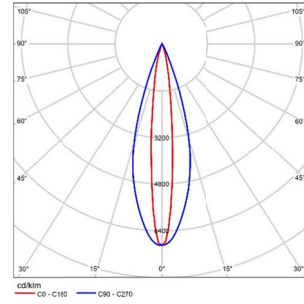
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PROJECT:

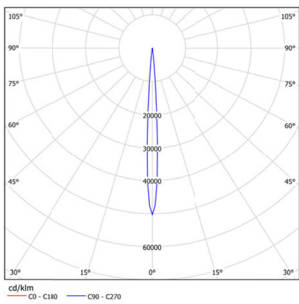
TYPE:



MODEL: TL66SLD18-O-E930
BEAM ANGLE: 10*30°
POWER: 21W
LUMENS: 1003lm
CBCP: 6914cd
EFFICACY: 48lm/W



MODEL: TL66SLD27-O-E930
BEAM ANGLE: 10*30°
POWER: 31W
LUMENS: 1404lm
CBCP: 9673cd
EFFICACY: 45lm/W



MODEL: TL66SLD12-O-V930
BEAM ANGLE: 4°
POWER: 16W
LUMENS: 685lm
CBCP: 40811cd
EFFICACY: 43lm/W

FALCON SQUARE - MODEL: TL67S

W Track Luminaires

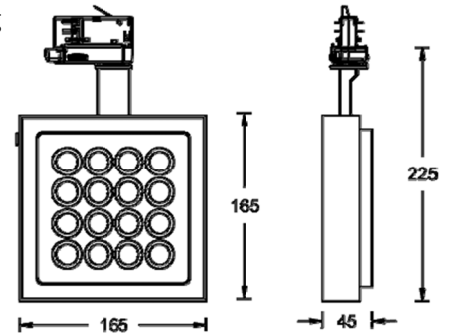
WAC

PROJECT:

TYPE:



Line Drawing



Product Description

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Product Features

- Body Material: Die-cast aluminum body, PC optical
- Optical System: Lens+ SUBOROSA optical system
- Finish: Electrostatically powder coated White, Black
- Adjustable Angle: 355° horizontal aiming and 90° vertical aiming
- Accessories: Up to three optical accessories, Each type of accessory can only be equipped with one at a time at most
- Certification: CCC
- IP Rating: IP20
- Insulation Level: Class I
- Operating Temperature: -20°C~40°C

Product Specifications

- LED Type: HP LED
- Source Power: 27W, 32W, or 43W optional
- Source Lm: 3000K : 2125lm(27W) /2800lm(32W) / 2960lm(42W)
4000K : 2245lm(27W) / 3500lm(32W) / 3700lm(42W)
- LED Lifetime: >50000h-L70 /B10-Ta25°C(LM-80/TM-21)
- CCT/CRI: 3000K/4000K; Ra90 and Ra97 are optional
- SDCM: 3 SDCM
- Input: 220V~240V AC / 50Hz
- Dimming: Knob dimming (range 10%~100%), wireless dimming (requires WAC system), DALI, 0-10V, and knob two in one dimming (must be matched and tested with the project site in advance)
- Net Weight: 1.3Kg without packing

Order Model

Model	LED	Dimming	Beam	CRI	CCT	Finish
TL67S FALCON SQUARE	LD27 LED 27W	O On-boarding D 0-10V&On-boarding B Wireless A DALI	V 4°	9 90 A 97	30 3000K 40 4000K	WT White BK Black
	LD32 LED 32W		S 7°			
	LD43 LED 43W		1 14°			
			2 20°			
			3 30°			
			4 40°			

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FALCON SQUARE - MODEL: TL67S

W Track Luminaires



PROJECT:

TYPE:

			G 20*55°			
			E 10*30°			
TL67S	LD32	O	2	9	30	WT

Example: TL67SLD32-O-2930WT

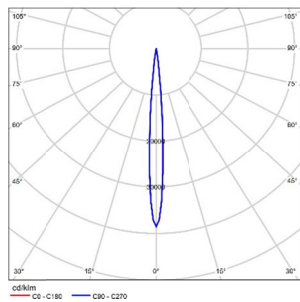
Note: When the light emitting surface of the lamp is parallel to the illuminated surface, 20 * 55 ° and 10 * 30 ° represent horizontally stretched light spots

Accessory

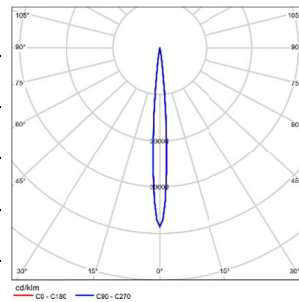
Class I accessories	LENS-TL67S-“typ.” Optical lens (t=3mm)	Model annotation: "Typ." represents: various angle beam diffusion lenses "10D/20D/30D/40D/55D" or stretching lenses "0160D"; Example: LENS-TL67S-10D			
	LENS-TL67S-FR Frosted glass lenses	LENS-TL67S-BSL Soft glass lenses	LENS-TL67S-BEL Stretch glass lenses	LENS-TL67S-HCM Honey Comb Louver	
Class II accessories	LENS-TL67S-WW Wall washing components				
Class III accessories	LENS-TL67-BD Barndoor				

Note: Up to three optical accessories can be added, and each type of accessory can only be added one at a time; Please consult WAC for the beam angle after adding the dimming lens

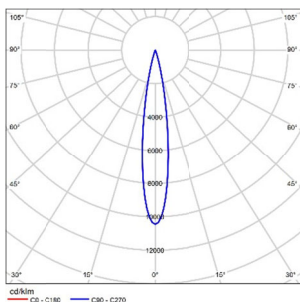
LIGHT DISTRIBUTION@3000K LUMINAIRE DATA



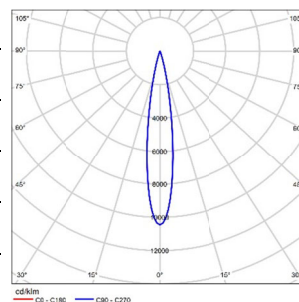
MODEL: TL67SLD32-O-S930
BEAM ANGLE: 7°
POWER: 36W
LUMENS: 953lm
CBCP: 32610cd
EFFICACY: 26lm/W



MODEL: TL67SLD43-O-S930
BEAM ANGLE: 7°
POWER: 48W
LUMENS: 1209lm
CBCP: 41383cd
EFFICACY: 25lm/W



MODEL: TL67SLD32-O-1930
BEAM ANGLE: 14°
POWER: 36W
LUMENS: 1570lm
CBCP: 15736cd
EFFICACY: 44lm/W



MODEL: TL67SLD48-O-1930
BEAM ANGLE: 14°
POWER: 48W
LUMENS: 1992lm
CBCP: 19969cd
EFFICACY: 42lm/W

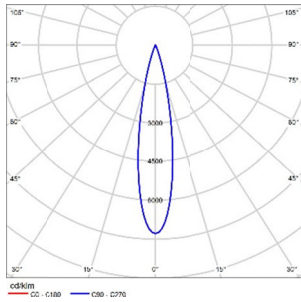
FALCON SQUARE - MODEL: TL67S

W Track Luminaires

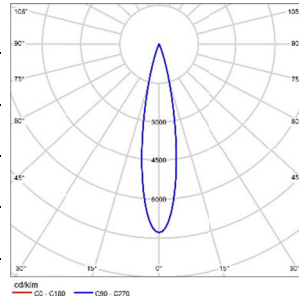
WAC

PROJECT:

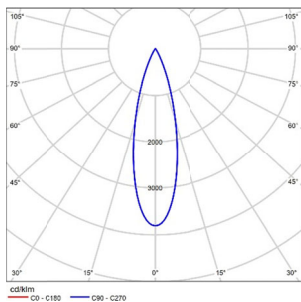
TYPE:



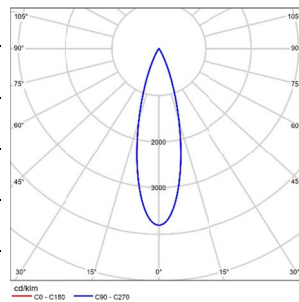
MODEL: TL67SLD32-O-2930
BEAM ANGLE: 20°
POWER: 36W
LUMENS: 2045lm
CBCP: 14394cd
EFFICACY: 57lm/W



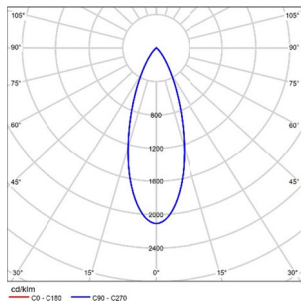
MODEL: TL67SLD43-O-2930
BEAM ANGLE: 20°
POWER: 48W
LUMENS: 2596lm
CBCP: 18266cd
EFFICACY: 54lm/W



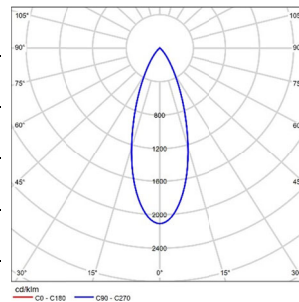
MODEL: TL67SLD32-O-3930
BEAM ANGLE: 30°
POWER: 36W
LUMENS: 1808lm
CBCP: 6913cd
EFFICACY: 50lm/W



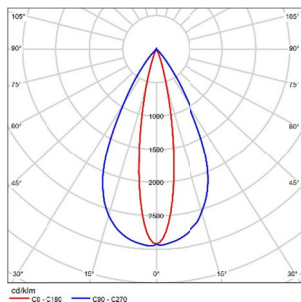
MODEL: TL67SLD43-O-3930
BEAM ANGLE: 30°
POWER: 48W
LUMENS: 2295lm
CBCP: 8773cd
EFFICACY: 48lm/W



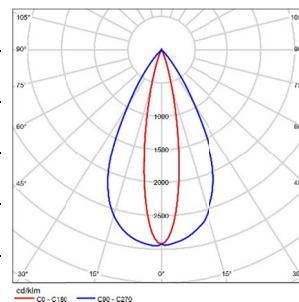
MODEL: TL67SLD32-O-4930
BEAM ANGLE: 40°
POWER: 36W
LUMENS: 1621lm
CBCP: 4385cd
EFFICACY: 45lm/W



MODEL: TL67SLD43-O-4930
BEAM ANGLE: 40°
POWER: 48W
LUMENS: 2057lm
CBCP: 5565cd
EFFICACY: 43lm/W



MODEL: TL67SLD32-O-G930
BEAM ANGLE: 20*55°
POWER: 36W
LUMENS: 1821lm
CBCP: 5490cd
EFFICACY: 51lm/W



MODEL: TL66SLD27-O-G930
BEAM ANGLE: 20*55°
POWER: 48W
LUMENS: 2311lm
CBCP: 6967cd
EFFICACY: 48lm/W

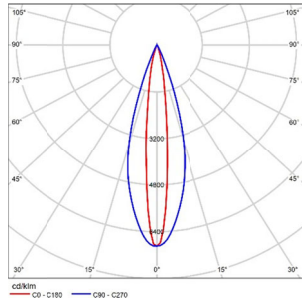
FALCON SQUARE - MODEL: TL67S

W Track Luminaires

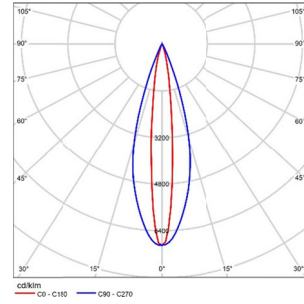
WAC

PROJECT:

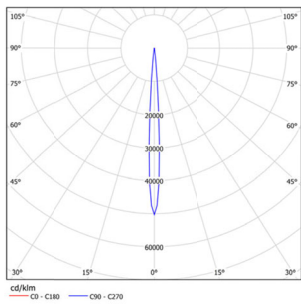
TYPE:



MODEL: TL67SLD32-O-E930
BEAM ANGLE: 10*30°
POWER: 36W
LUMENS: 1655lm
CBCP: 11107cd
EFFICACY: 46lm/W



MODEL: TL67SLD43-O-E930
BEAM ANGLE: 10*30°
POWER: 48W
LUMENS: 2100lm
CBCP: 14095cd
EFFICACY: 44lm/W



MODEL: TL67SLD27-O-V930
BEAM ANGLE: 4°
POWER: 31W
LUMENS: 1480lm
CBCP: 93734cd
EFFICACY: 48lm/W