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LED DOWNLIGHT HALLUX

F SERIES

This unique and flexible LED DOWNLIGHT HALLUX F Series comes with various accessories and cut-out hole size to match customers' need. The 8 types of accessories are designed using easy assembly method, enabling customers to easily choose their desire trims for their lighting projects. Hallux is suitable to be installed indoor in housing projects, shopping malls and restaurants.

F Series (Lens) - 6W, 9W, 13W

F Series (Reflector) - 6W, 9W, 13W

SPECIFICATIONS

- System power: 6W, 9W, 13W & 17W
- Version: Reflector and Lens
- CCT: 2700K, 3000K & 4000K
- CRI: 80
- IP Rating: IP20

F Series (Lens) - 17W

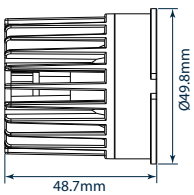
HIGHLIGHTS

- Easy installation
- Excellent energy saving compared to traditional light source
- Average rated lifespan of 35,000 hours
- Environmentally friendly and durable quality
- Instant-On light

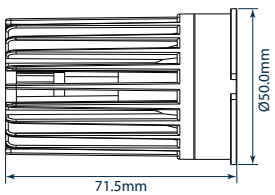
F Series (Reflector) - 17W

CERTIFICATIONS

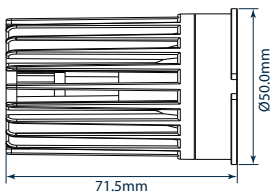
- CE
- RoHS



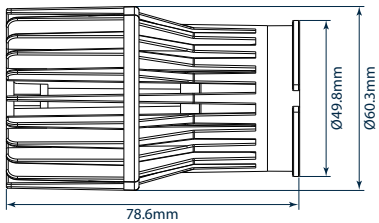
6W



9W



13W



17W

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LED DOWNLIGHT HALLUX

F SERIES

Technical Specifications - (Lens)

System Power Consumption	CCT	Beam Angles	Light Output	Optics	CRI	Version	Article Number
6W	2700 K	24°	300 lm	Clear	80	Lens	T2-HAL-B08-29CW6C
6W	3000 K	24°	330 lm	Clear	80	Lens	T2-HAL-B08-29CX6C
6W	4000 K	24°	330 lm	Clear	80	Lens	T2-HAL-B08-29C06C
6W	2700 K	36°	300 lm	Clear	80	Lens	T2-HAL-B18-29CW6C
6W	3000 K	36°	330 lm	Clear	80	Lens	T2-HAL-B18-29CX6C
6W	4000 K	36°	330 lm	Clear	80	Lens	T2-HAL-B18-29C06C
6W	2700 K	60°	300 lm	Clear	80	Lens	T2-HAL-A98-29CW6C
6W	3000 K	60°	330 lm	Clear	80	Lens	T2-HAL-A98-29CX6C
6W	4000 K	60°	330 lm	Clear	80	Lens	T2-HAL-A98-29C06C
9W	2700 K	24°	500 lm	Clear	80	Lens	T2-HAL-A48-30CW6C
9W	3000 K	24°	550 lm	Clear	80	Lens	T2-HAL-A48-30CX6C
9W	4000 K	24°	550 lm	Clear	80	Lens	T2-HAL-A48-30C06C
9W	2700 K	36°	500 lm	Clear	80	Lens	T2-HAL-A58-30CW6C
9W	3000 K	36°	550 lm	Clear	80	Lens	T2-HAL-A58-30CX6C
9W	4000 K	36°	550 lm	Clear	80	Lens	T2-HAL-A58-30C06C
9W	2700 K	60°	500 lm	Clear	80	Lens	T2-HAL-A38-30CW6C
9W	3000 K	60°	550 lm	Clear	80	Lens	T2-HAL-A38-30CX6C
9W	4000 K	60°	550 lm	Clear	80	Lens	T2-HAL-A38-30C06C

Note:

1. LED is a dynamic and constantly evolving technology. The final lux output of LED Downlight Hallux may vary
2. LED Downlight Hallux needs to connect with an external driver
3. The total system power consumption is with 10% tolerance under 100-240V input voltage
4. Operating temperature = Ta-20 -+ 40°C

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LED DOWNLIGHT HALLUX

F SERIES

Technical Specifications - (Lens)

System Power Consumption	CCT	Beam Angles	Light Output	Optics	CRI	Version	Article Number
13W	2700 K	24°	800 lm	Clear	80	Lens	T2-HAL-B68-28CW6C
13W	3000 K	24°	800 lm	Clear	80	Lens	T2-HAL-B68-28CX6C
13W	4000 K	24°	800 lm	Clear	80	Lens	T2-HAL-B68-28C06C
13W	2700 K	36°	800 lm	Clear	80	Lens	T2-HAL-B78-28CW6C
13W	3000 K	36°	800 lm	Clear	80	Lens	T2-HAL-B78-28CX6C
13W	4000 K	36°	800 lm	Clear	80	Lens	T2-HAL-B78-28C06C
13W	2700 K	60°	800 lm	Clear	80	Lens	T2-HAL-B58-28CW6C
13W	3000 K	60°	800 lm	Clear	80	Lens	T2-HAL-B58-28CX6C
13W	4000 K	60°	800 lm	Clear	80	Lens	T2-HAL-B58-28C06C
17W	2700 K	24°	930 lm	Clear	80	Lens	T2-HAL-C28-27CW6C
17W	3000 K	24°	1000 lm	Clear	80	Lens	T2-HAL-C28-27CX6C
17W	4000 K	24°	1000 lm	Clear	80	Lens	T2-HAL-C28-27C06C
17W	2700 K	36°	930 lm	Clear	80	Lens	T2-HAL-C38-27CW6C
17W	3000 K	36°	1000 lm	Clear	80	Lens	T2-HAL-C38-27CX6C
17W	4000 K	36°	1000 lm	Clear	80	Lens	T2-HAL-C38-27C06C
17W	2700 K	60°	930 lm	Clear	80	Lens	T2-HAL-C18-27CW6C
17W	3000 K	60°	1000 lm	Clear	80	Lens	T2-HAL-C18-27CX6C
17W	4000 K	60°	1000 lm	Clear	80	Lens	T2-HAL-C18-27C06C

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LED DOWNLIGHT HALLUX

F SERIES

Technical Specifications - (Reflector)

System Power Consumption	CCT	Beam Angles	Light Output	Optics	CRI	Version	Article Number
6W	2700 K	15°	300 lm	Clear	80	Reflector	T2-HAL-A67-29DW6C
6W	3000 K	15°	330 lm	Clear	80	Reflector	T2-HAL-A67-29DX6C
6W	4000 K	15°	330 lm	Clear	80	Reflector	T2-HAL-A67-29D06C
6W	2700 K	28°	300 lm	Clear	80	Reflector	T2-HAL-A77-29DW6C
6W	3000 K	28°	330 lm	Clear	80	Reflector	T2-HAL-A77-29DX6C
6W	4000 K	28°	330 lm	Clear	80	Reflector	T2-HAL-A77-29D06C
6W	2700 K	40°	300 lm	Clear	80	Reflector	T2-HAL-A87-29DW6C
6W	3000 K	40°	330 lm	Clear	80	Reflector	T2-HAL-A87-29DX6C
6W	4000 K	40°	330 lm	Clear	80	Reflector	T2-HAL-A87-29D06C
6W	2700 K	60°	300 lm	Clear	80	Reflector	T2-HAL-A97-29DW6C
6W	3000 K	60°	330 lm	Clear	80	Reflector	T2-HAL-A97-29DX6C
6W	4000 K	60°	330 lm	Clear	80	Reflector	T2-HAL-A97-29D06C
9W	2700 K	15°	500 lm	Clear	80	Reflector	T2-HAL-A07-30DW6C
9W	3000 K	15°	550 lm	Clear	80	Reflector	T2-HAL-A07-30DX6C
9W	4000 K	15°	550 lm	Clear	80	Reflector	T2-HAL-A07-30D06C
9W	2700 K	28°	500 lm	Clear	80	Reflector	T2-HAL-A17-30DW6C
9W	3000 K	28°	550 lm	Clear	80	Reflector	T2-HAL-A17-30DX6C
9W	4000 K	28°	550 lm	Clear	80	Reflector	T2-HAL-A17-30D06C
9W	2700 K	40°	500 lm	Clear	80	Reflector	T2-HAL-A27-30DW6C
9W	3000 K	40°	550 lm	Clear	80	Reflector	T2-HAL-A27-30DX6C
9W	4000 K	40°	550 lm	Clear	80	Reflector	T2-HAL-A27-30D06C
9W	2700 K	60°	500 lm	Clear	80	Reflector	T2-HAL-A37-30DW6C
9W	3000 K	60°	550 lm	Clear	80	Reflector	T2-HAL-A37-30DX6C
9W	4000 K	60°	550 lm	Clear	80	Reflector	T2-HAL-A37-30D06C

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4. Operating temperature = Ta-20 -+ 40°C

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LED DOWNLIGHT HALLUX

F SERIES

Technical Specifications - (Reflector)

System Power Consumption	CCT	Beam Angles	Light Output	Optics	CRI	Version	Article Number
13W	2700 K	15°	800 lm	Clear	80	Reflector	T2-HAL-B27-28DW6C
13W	3000 K	15°	800 lm	Clear	80	Reflector	T2-HAL-B27-28DX6C
13W	4000 K	15°	800 lm	Clear	80	Reflector	T2-HAL-B27-28D06C
13W	2700 K	28°	800 lm	Clear	80	Reflector	T2-HAL-B37-28DW6C
13W	3000 K	28°	800 lm	Clear	80	Reflector	T2-HAL-B37-28DX6C
13W	4000 K	28°	800 lm	Clear	80	Reflector	T2-HAL-B37-28D06C
13W	2700 K	40°	800 lm	Clear	80	Reflector	T2-HAL-B47-28DW6C
13W	3000 K	40°	800 lm	Clear	80	Reflector	T2-HAL-B47-28DX6C
13W	4000 K	40°	800 lm	Clear	80	Reflector	T2-HAL-B47-28D06C
13W	2700 K	60°	800 lm	Clear	80	Reflector	T2-HAL-B57-28DW6C
13W	3000 K	60°	800 lm	Clear	80	Reflector	T2-HAL-B57-28DX6C
13W	4000 K	60°	800 lm	Clear	80	Reflector	T2-HAL-B57-28D06C
17W	2700 K	15°	930 lm	Clear	80	Reflector	T2-HAL-B87-27DW6C
17W	3000 K	15°	1000 lm	Clear	80	Reflector	T2-HAL-B87-27DX6C
17W	4000 K	15°	1000 lm	Clear	80	Reflector	T2-HAL-B87-27D06C
17W	2700 K	28°	930 lm	Clear	80	Reflector	T2-HAL-B97-27DW6C
17W	3000 K	28°	1000 lm	Clear	80	Reflector	T2-HAL-B97-27DX6C
17W	4000 K	28°	1000 lm	Clear	80	Reflector	T2-HAL-B97-27D06C
17W	2700 K	40°	930 lm	Clear	80	Reflector	T2-HAL-C07-27DW6C
17W	3000 K	40°	1000 lm	Clear	80	Reflector	T2-HAL-C07-27DX6C
17W	4000 K	40°	1000 lm	Clear	80	Reflector	T2-HAL-C07-27D06C
17W	2700 K	60°	930 lm	Clear	80	Reflector	T2-HAL-C17-27DW6C
17W	3000 K	60°	1000 lm	Clear	80	Reflector	T2-HAL-C17-27DX6C
17W	4000 K	60°	1000 lm	Clear	80	Reflector	T2-HAL-C17-27D06C

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4. Operating temperature = Ta-20 -+ 40°C

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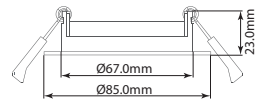
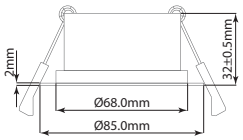
LED DOWNLIGHT HALLUX

F SERIES

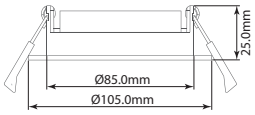
Accessories - Downlight Trims



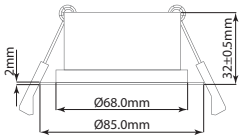
Name Circus S, White
Article No. LZ-HAH-MJ-I2233C
Cut-out Size 70-78mm
Fixture Type Adjustable 30°



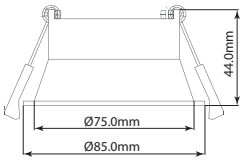
Name Ringo S, White
Article No. LZ-HAH-MJ-I2633C
Cut-out Size 70-72mm
Fixture Type Fixed



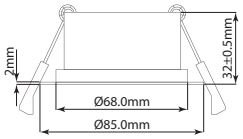
Name Circus L, White
Article No. LZ-HAH-MJ-I2333C
Cut-out Size 90-98mm
Fixture Type Adjustable 30°



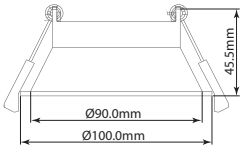
Name Ringo L, White
Article No. LZ-HAH-MJ-I2733C
Cut-out Size 70-72mm
Fixture Type Fixed



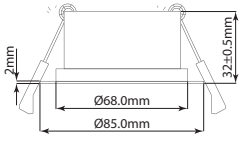
Name Ray X Fixed, White
Article No. LZ-HAH-MJ-I2433C
Cut-out Size 75-77mm
Fixture Type Fixed



Name Ringo Oval, White
Article No. LZ-HAH-MJ-I2833C
Cut-out Size 70-72mm
Fixture Type Fixed



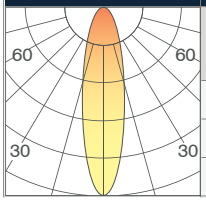
Name Ray X Adjustable, White
Article No. LZ-HAH-MJ-I2533C
Cut-out Size 90-92mm
Fixture Type Adjustable 30°

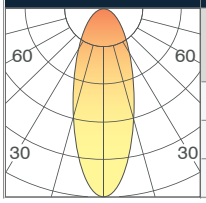


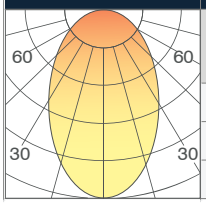
Name Ringo Rainbow, White
Article No. LZ-HAH-MJ-I3333C
Cut-out Size 70-72mm
Fixture Type Fixed

LED DOWNLIGHT HALLUX

Radiation Pattern & Lux Diagram (Lens)

Beam Angle : 24°	Typical Center Beam Lux (lx)				
	Dist. (m)	6W	9W	13W	17W
	1	1191	1985	2887	3609
	2	297	496	721	902
	3	132	220	320	401

Beam Angle : 36°	Typical Center Beam Lux (lx)				
	Dist. (m)	6W	9W	13W	17W
	1	711	1185	1724	2155
	2	177	296	431	538
	3	79	131	191	239

Beam Angle : 60°	Typical Center Beam Lux (lx)				
	Dist. (m)	6W	9W	13W	17W
	1	413	689	1004	1255
	2	103	172	251	313
	3	46	76	111	139

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4. Operating temperature = Ta-20 -+ 40°C

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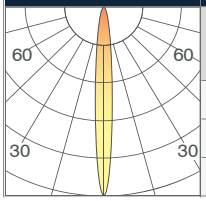
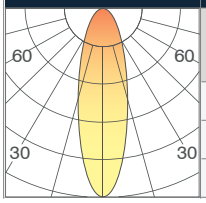
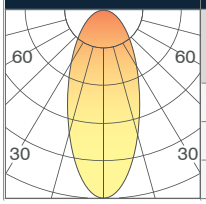
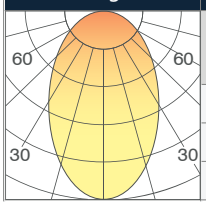
LED DOWNLIGHT HALLUX

Radiation Pattern & Lux Diagram (Reflector)

Beam Angle : 15°	Typical Center Beam Lux (lx)				
	Dist. (m)	6W	9W	13W	17W
	1	944	1574	2289	2861
	2	236	393	572	715
	3	104	174	254	318

Beam Angle : 28°	Typical Center Beam Lux (lx)				
	Dist. (m)	6W	9W	13W	17W
	1	680	1134	1649	2062
	2	170	283	412	515
	3	75	126	183	229

Beam Angle : 40°	Typical Center Beam Lux (lx)				
	Dist. (m)	6W	9W	13W	17W
	1	478	797	1159	1449
	2	119	199	289	362
	3	53	88	128	161

Beam Angle : 60°	Typical Center Beam Lux (lx)				
	Dist. (m)	6W	9W	13W	17W
	1	413	689	1004	1255
	2	103	172	251	313
	3	46	76	111	139

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4. Operating temperature = Ta-20 -+ 40°C