



The LS353 ultra shallow inground luminaire is 124 mm deep and is specifically designed for applications where minimal depth is critical, such as allowing the housing to be integrated into suspended concrete slabs. The LS353 is suitable for use in high pedestrian traffic areas and can be used for drive-over applications.

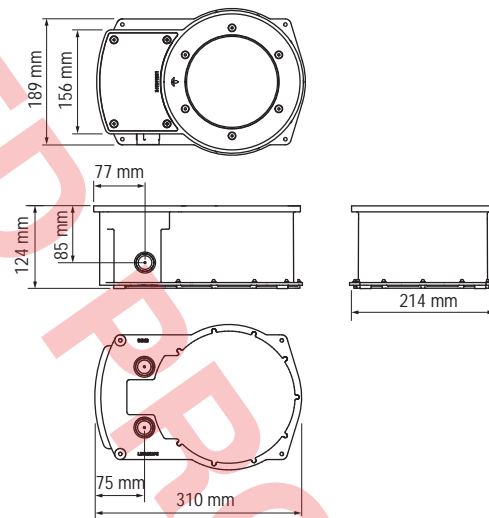
LED version see page 18.

SPECIFICATIONS

Lamp Source	MH / HIT (PGJ5)	20 W max ⁽¹⁾
IP Rating	IP68	
Construction	Cover - 316 marine grade stainless steel Body - UV stabilised 30% glass filled PBT/PC high impact strength polymer	
Installation Type	Direct burial <i>Drive-over, landscapes, etc.</i>	
Drive-over	With OptiClear™ or GripGlass™ lens when the housing is encased in concrete	
Static Load Rating	1800 kg	
Impact Rating	IK9 with OptiClear™ lens	
Standard Inclusions	Teflon coated cover screws 25 mm conduit adaptor with cast resin or 3 m MicroAntiLeach™ cable Ballast with in-built thermal cutout Pre-installation cover kit Humidity absorbent desiccant	
Ambient Operating Temperature	-20 °C to 45 °C	
Warranty	10 year structural, 1 year electrical	
Accessories <i>Order separately</i>	LS6065 linear spreader lens LS6066 prismatic lens LS6067 concentric louvre LS6064 R/G/B/Y dichroic filters LS6079 HumanTouch™ lens	
Photometrics	Go to www.lumascap.com.au ▶ Technical Data ▶ Photometric Files	
Glass Temperature	HumanTouch™ compliant ≤65 °C	



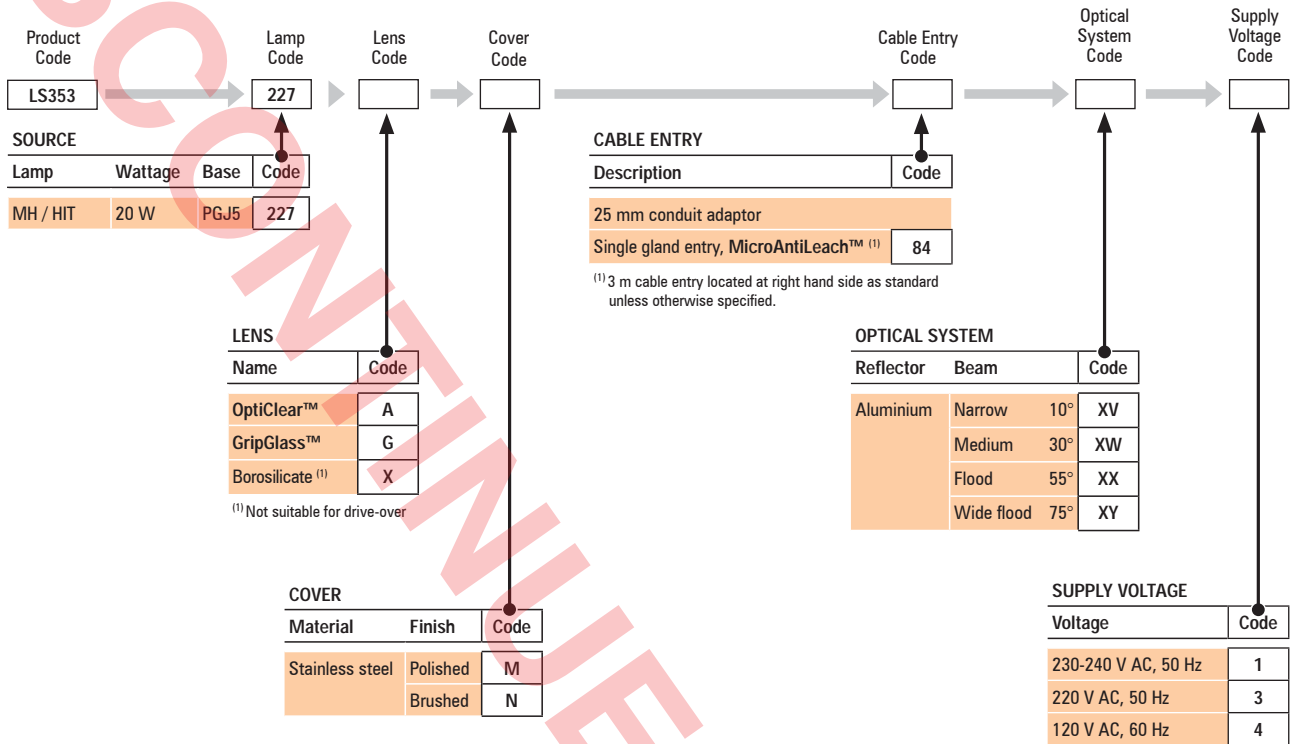
LS353 Shallow Inground



NOTE: Product specifications are subject to change without notice. Any luminaire can become hot - take care with appropriate use and placement.

⁽¹⁾ Nominal power consumption only, actual power consumed may vary.

CONFIGURE THIS PRODUCT >



LENS

Name	Code
OptiClear™	A
GripGlass™	G
Borosilicate ⁽¹⁾	X

⁽¹⁾ Not suitable for drive-over

COVER

Material	Finish	Code
Stainless steel	Polished	M
	Brushed	N

CABLE ENTRY

Description	Code
25 mm conduit adaptor	
Single gland entry, MicroAntiLeach™ ⁽¹⁾	84

⁽¹⁾ 3 m cable entry located at right hand side as standard unless otherwise specified.

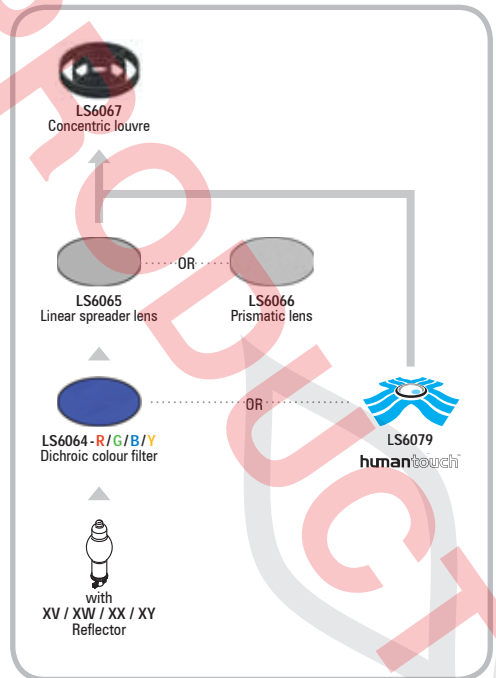
OPTICAL SYSTEM

Reflector	Beam	Angle	Code
Aluminium	Narrow	10°	XV
	Medium	30°	XW
	Flood	55°	XX
	Wide flood	75°	XY

SUPPLY VOLTAGE

Voltage	Code
230-240 V AC, 50 Hz	1
220 V AC, 50 Hz	3
120 V AC, 60 Hz	4

ACCESSORIES



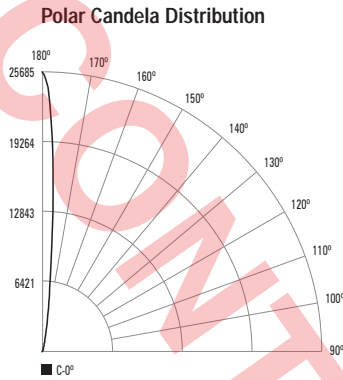
Other accessory stacking options may be available - consult factory

PHOTOMETRICS

IES data is available at www.lumascap.com.au ▶ Technical Data ▶ Photometric Files.

LS353 20 W MH
Narrow XV
10° Beam Angle

Power Input	25.4
Lumens	1024
Efficacy	40 lm/W



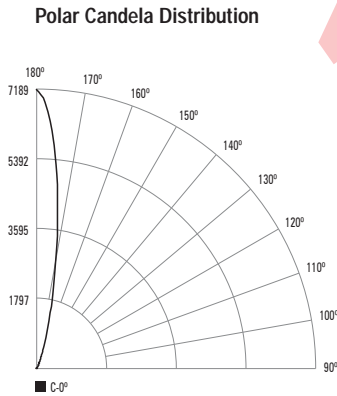
	C 0°	C 15°	C 30°	C 45°	C 60°	C 75°	C 90°
90°	0	0	0	0	0	0	0
100°	0	0	0	0	0	0	0
110°	0	0	0	0	0	0	0
120°	0	0	0	0	0	0	0
130°	0	0	0	0	0	0	0
140°	6	6	5	5	5	5	5
150°	116	112	107	105	101	99	99
160°	270	256	244	237	220	205	216
170°	2502	2327	2100	1908	1697	1611	1622
180°	25685	25685	25685	25685	25685	25685	25685

Illuminance at a Distance

m	Center Beam lx	Beam Ø
1	25685	15 cm
2	6421	29 cm
3	2854	44 cm
4	1605	58 cm
5	1027	73 cm

LS353 20 W MH
Medium XW
30° Beam Angle

Power Input	25.5
Lumens	887
Efficacy	35 lm/W



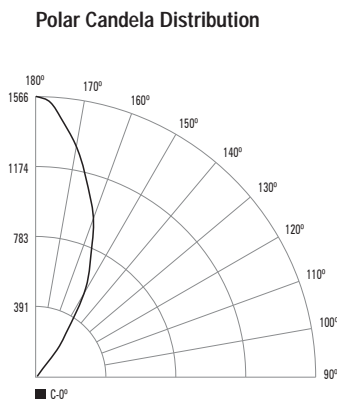
	C 0°	C 15°	C 30°	C 45°	C 60°	C 75°	C 90°
90°	0	0	0	0	0	0	0
100°	0	0	0	0	0	0	0
110°	0	0	0	0	0	0	0
120°	0	0	0	0	0	0	0
130°	0	0	0	0	0	0	0
140°	9	7	6	5	5	5	4
150°	121	121	118	114	109	100	109
160°	443	425	410	401	396	395	385
170°	2720	2662	2593	2536	2513	2496	2499
180°	7189	7189	7189	7189	7189	7189	7189

Illuminance at a Distance

m	Center Beam lx	Beam Ø
1	7189	29 cm
2	1797	59 cm
3	799	88 cm
4	449	117 cm
5	288	146 cm

LS353 20 W MH
Flood XX
55° Beam Angle

Power Input	25.5
Lumens	947
Efficacy	37 lm/W



	C 0°	C 15°	C 30°	C 45°	C 60°	C 75°	C 90°
90°	0	0	0	0	0	0	0
100°	0	0	0	0	0	0	0
110°	0	0	0	0	0	0	0
120°	0	0	0	0	0	0	0
130°	5	4	3	3	3	3	3
140°	77	75	66	64	62	56	50
150°	521	516	508	497	489	469	464
160°	919	912	908	900	892	893	890
170°	1310	1306	1304	1297	1296	1297	1287
180°	1566	1566	1566	1566	1566	1566	1566

Illuminance at Distance

m	Center Beam lx	Beam Ø
1	1566	85 cm
2	391	169 cm
3	174	254 cm
4	98	338 cm
5	63	423 cm