Collingwood FL02BXCS - Supporting Luminaire Specification

Proposed use: external illumination of YT Medical fascia

Site: 1267 Leeds Road, Bradley, Huddersfield, HD5 0RJ

Selected model

Product code: FL02BXCS
Finish: Black
Type: Standard / non-PIR
Body material: Aluminium



Illustrative FL02-style floodlight

Manufacturer-published specification

Wattage	20W
CCT options	3000K / 4000K / 6500K
Proposed setting	4000K
Light output at 4000K	2400 lm
Efficacy at 4000K	120 lm/W
Illuminance at 1m, 4000K	1040 lux
Beam angle	120 degrees
CRI	>80
IP / IK rating	IP65 / IK07
Adjustability	180 degrees tilt / 360 degrees rotation
Dimmable	No
Input	220-240V AC
LED lifetime	L70 50,000 h
Cable / connector	Flying lead; 1m cable
Ambient temperature	-40 C to +40 C
Electrical class	Class I
Guarantee	5 years
Non-PIR dimensions	Approx. 230mm x 150mm x 30mm

Proposed installation for YT Medical

Five FL02BXCS fittings will be evenly spaced above the 5.30m fascia and aimed downward onto the sign face. They will operate as static illumination, with no PIR sensor, flashing or colour-changing effects. The proposed 4000K setting provides 2400 lumens per fitting. Control is proposed by photocell or astronomical timer, operating from dusk until 05:00. Final aiming will be adjusted on commissioning to minimise glare and spill.

Luminance note

Actual installed sign luminance in cd/m2 cannot be measured before installation. The final installed luminance will be confirmed/adjusted during commissioning so the scheme complies with applicable local planning authority requirements and relevant ILP guidance.

Source: Collingwood Lighting FL02 product page and Essentials January 2026 catalogue (manufacturer data).